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Papua New Guinea Patrol Reports

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WESTERN HIGHLANDS DISTRICT PATROL REPORTS

1965/1966

WABAG

<u>Report No.</u>	<u>Officer Conducting Patrol</u>	<u>Area Patrolled</u>
1 - 1965/1966	L. Warr	Marasuni Census Div.
3 - 1965/1966	M.A. Cawthorn	Ambun Census Div.
4 - 1965/1966	L. Warr	Marasuni Census Div. & Penali
5 - 1965/1966	M.P. Thomas	Wabag Census Div.
6 - 1965/1966	P.J. Walsh	Upper Lai & Lai H'waters census Div. also Wabag Census Div.

4-0

67-14-3

4th November, 1965.

District Commissioner,
Eastern Highlands District,
MOUNT HAGEN.

Patrol Report 801/1965-66

1. Receipt is acknowledged with thanks of a patrol report by Mr. Warr covered by your memo 80526 of 25th October, 1965.
2. Mr. Hook's comments and yours have been noted.
3. Mr. Warr has carried out his task well and has compiled a comprehensive report.
4. It is a pity that the three missions in this area cannot conduct standard schools with qualified teachers. The Education Department could be contacted to see if any "E" Course teachers are available for a "bush" school.
5. Out of the 5 Aid Posts inspected, it is good to know that 4 Aid Post Orderlies are interested in their work and encouraging the local people to keep the Post and surrounding area in good condition.
6. Half the battle is won if the local people are willing and interested to commence work on a net work of roads connecting all villages in the Census division to the Fasalagus Air-strip.
7. It would appear that a Local Government Council is not likely to eventuate in this area for quite some time.

(F.G. Atkinson)
A/DIRECTOR.

67.14.3. ✓



TERRITORY OF PAPUA AND NEW GUINEA

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No.



Department of District Administration,
MOUNT HAGEN. W.H.D.

25th October, 1965.

The Director,
Department of District Administration,
KOROROE.

WABAG PATROL REPORT No. 1 of 65/66
MAHAMUNI CENSUS DIVISION - MR. L. WARR, P.O.

I am attaching the above report together with comments
by the Assistant District Commissioner, Mr. D. Hook.

The Maramuni area has a small population and lies in
a remote area of the Wabag Sub-District. An access road to
the area would be a hazardous task and the establishment of
a Local Government Council is not likely for some time.

T. W. Ellis
(T.W. ELLIS)
District Commissioner

67-1-1

Sub District Office,
WABAG,
Western Highlands District.

4th October, 1965.

The District Commissioner,
Headquarters,
Western Highlands District,
MT. HAGEN.

Wabag Patrol No. 1 of 1965/66 MARAMUNI Census Division.

by Mr. L. Warr F.O.

Attached please find the abovementioned patrol report in triplicate, together with claim for Camping Allowance.

The report is comprehensive and self-explanatory and needs little comment by me.

The shortage of proper educational facilities in the Maramuni is common to the whole Sub District. It can only be relieved on a very small scale by permitting some Maramuni children to attend the Primary I School at Wabag as boarders, next year. A number of positions for Maramuni children have been made available at this school, but it still has to be seen whether these positions will be filled as these people are not keen on sending their children so far away from home.

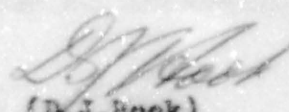
A patrol will be mounted into the area again before Christmas, with the main object of surveying the proposed vehicular road suggested by Mr. Warr. I fully agree with Mr. Warr when he says that a road system through the valley would be of more advantage to the people of the area than an extension to the airstrip. Once the roads have been constructed it may be necessary to increase the size of the strip to enable commercial planes to operate out of the valley, as this project may be far easier than attempting to construct a road out of the valley through unpopulated country.

Due to its inaccessibility, the Maramuni has been left far behind most of the Sub District in the sphere of agriculture. However, it is planned to send in pyrethrum splits with the next patrol and have them planted in suitable areas.

It is unfortunate that the Missions cannot agree regarding the use of PASALAJUS airstrip. It has been suggested that the S.D.A. planes be allowed to land for the payment of a landing fee, however, to date, no agreement has been reached. Although it was only the Lutheran and Catholic Missions who paid for and supervised the construction of the strip, it was the bulk of the able bodied men (regardless of religious beliefs) who actually did the work, and it is because of this that they cannot understand why it should not be used by any aeroplane.

It will be many years before Council activities extend to the Maramuni due to its isolation and inaccessibility.

Mr. Warr is to be congratulated on an informative and well compiled report of a patrol well done.


(D.J. Hook)
Assistant District Commissioner.

TERRITORY OF PAPUA AND NEW GUINEA.

FILE: 67-1-1

Sub District Office,
WABAG, W.H.D.
10th July, 1965.

Mr. L. Warr,
Patrol Officer,
WABAG.

Patrol Instructions - Wabag Patrol No. 1. of 1965/66.

MARAMUNI Census Division.

As previously discussed with you, please prepare to depart on patrol into the MARAMUNI Census Division on Monday 12th July, 1965. Your patrol will be conveyed to the road head near TUGISANDA by vehicle on Monday afternoon. You are to take five Constables under the control of Senior Constable WAIN to accompany the patrol.

The objects of the patrol are as follows:-

- (1) General Administration.
- (2) Census Revision.
- (3) Take with you an Agricultural Field Worker from Wabag and have him carry out a coffee census, which can be submitted as an appendix to your report. The MARAMUNI people have recently made demands for the establishment of a suitable cash crop in their valley. Explain to them the problem of transportation from their area, and try to establish an idea of what can be done, if anything, in the field of agriculture in this area.
- (4) The MARAMUNI people have expressed a desire to construct a road network through their valley, linking their villages with the Category "C" airstrip at PASBLAGUS. During your patrol, please survey such a road if it is possible. Take into consideration the labour available and the resultant advantages of such a road to the local people. Do not overlook the possibility of a road out of the MARAMUNI Valley in the future. I would appreciate any comments you have regarding such a road as a result of your observations.
- (5) I have heard that the MARAMUNI people are complaining because the joint owners of the airstrip at PASBLAGUS i.e. the Roman Catholic Mission and the Lutheran Mission, will not allow the S.D.A. Mission Cessna to land on this private strip, and also that the Administration does not use this strip. Discuss this matter with the local Mission representatives in the area and establish their views on the matter. Explain to the local people that this strip was built at the joint expense of these two mission groups and is maintained by them, and hence they have a right to say who may use the strip. The Administration cannot use the strip as it is not up to commercial standards. While in the area, briefly establish whether this strip can, in the future, be brought up to commercial standards as per D.C.A. revised aerodrome standards of 1/2/65.
- (6) Establish with the headmaster of the school at Wabag as to whether he has vacancies for any MARAMUNI children as boarders. If he has, tell the MARAMUNI people of these vacancies, and attempt to fill them.
- (7) Take an N.H.O. from Wabag hospital with you, and inspect and report on the activities of the Aid Posts in the MARAMUNI.
- (8) Attend to any other matters that may arise during the course of the patrol.

J. J. Cook
(J. J. Cook)

Assistant District Commissioner.

TERRITORY OF PAPUA AND NEW GUINEA.

(14) 7

Sub-District Office,
WABAG, W.H.D.

26th. August, 1965.

The Assistant District Commissioner,
Wabag Sub District,
WABAG.

Wabag Patrol No. 1 of 1965/66.

AREA PATROLLED: Marawani Census Division.

PATROL ACCOMPANIED BY: 6 members of the R.P. & N.G.C.
1 Interpreter
1 N.M.C.
2 Agriculture Field Workers.

DURATION OF PATROL: From the 12-7-65 to 31-7-65
20 days.

LAST PATROL TO AREA: D.D.A. Patrol No. 1 1964/65

MAP REFERENCE: Fournal Marawani Map compiled by Mr. D.J. Sook and Mr. W.A. Cawthorn
Wabag Patrol Report No. 4 1961/62.

- OBJECTS OF PATROL:
1. General Administration
 2. Census Revision
 3. Coffee Census and general agricultural work utilizing field workers.
 4. Carry out initial survey of a vehicular road system linking the various population centers with the new constructed Category "C" airstrip at PASALAGAS.
 5. Investigate discontent expressed by the people regarding the Lutheran-Roman Catholic joint airstrip at PASALAGAS.
 6. Report on the activities of the various Aid Post in the Marawani area. Also a general health inspection.

Lloyd Warr,
Patrol Officer.

(13) 11

TERRITORY OF PAPUA AND NEW GUINEA.

Wabag Patrol Report No. 1 of 1965/66.

Maramani Census Division.

Introduction.

The Maramani Census Division is formed by three converging, narrow river valleys including the Maramani River. The majority of the area is covered by thick rain forest except for the small areas of kumai grass which are areas which have previously been cultivated by the local inhabitants and left fallow. The altitude varies from 4,500 to 8,000 ft. on the surrounding ridges.

The Maramani area is approximately 28 miles NW of Wabag but can only be reached after two days walk from LOKIOL in the head of the Ambun River or IREKES in the Laiagam Sub-District. (See map.). There is now a joint Lutheran-Catholic Mission airstrip at PARALAGAS, which is centrally situated in the census division.

The objects of the patrol were many and varied. They included; census revision, a general agricultural survey, including a coffee census, a general health inspection and check on Aid Post activities, to carry out an initial survey for a vehicular road network for the area, and general routine administration.

The patrol set out from Wabag on the 12th. July 1965 and was accompanied by six members of the Royal Papuan and New Guinea Constabulary under Const. 1st. Class WAIE, two native Agricultural Field Assistants, a native Medical Orderly, and an Administration Interpreter.

Diary.

Monday 12th.

Patrol including self, six police under Const. 1st. Class WAIE, two Agricultural field workers, an F.M.O. and an interpreter, departed Wabag 1500 per V/C Land Rover and 3ton International for PIPINGUNGUS. Truck turned back at TUPISERT due to slippery conditions. Land Rover arrived PIPINGUNGUS 1700.

Tuesday 13th.

Remainder of patrol cargo and personnel arrived PIPINGUNGUS 0800. Patrol proceeded TOREMAN (IREKES). Organised carriers to proceed into Maramani tomorrow.

Wednesday 14th.

0740 Patrol departed IREKES for PORES. Self arrived 1110 Carriers arrived 1315. Camped PORES.

Thursday 15th.

0720-0955 Walked from PORES to WOILEP. Inspected Rest House and Aid Post at WOILEP. 1120 Carriers arrived. 1200 Talked with village officials re census, purchased local food for the patrol, paid carriers from Laiagam area. Aid post in fair condition, A.P.O. TULLI complained that he was not getting co-operation of local people re. firewood etc.

Diary cont.

Friday 16th.

1000-1100 Talked with assembled people re. general admin., agricultural health and educational matters. The Iulua from WOILEP inquired why the Admin. does not use the Mission airstrip at PASALAGAS. 1100-1330 Revised the census for the four groups at WOILEP. Heard several minor civil disputes. Arranged for carriers to shift patrol to TONGOLE tomorrow. P.M. Completed census statistics.

Saturday 17th.

0730-0815 Walked to TONGOLE from WOILEP. Carriers arrived 0845. Censused three groups at TONGOLE. Talked with assembled people re various matters.

Sunday 18th.

0930-1200 Held archery contest to select Marawani representatives for Hunt Hagen Show. P.M. Completed census statistics for TONGOLE.

Monday 19th.

0730-0915 Walked to PASALAGAS, carriers arrived 1010. 0915 Inspected Rest House and Aid Post and their surrounds. Aid Post in disrepair. Inspected Mission strip which is adjacent to Rest House. 1100-1130 Talked with assembled people re various local matters. 1130 Rev. Wagner and Mr. B. Eamus from the Lutheran Mission Station at Pasalagas came to rest house to discuss various matters. 1330 Packed carriers and purchased local food for the patrol.

Tuesday 20th.

1000-1200 Censused the four groups at PASALAGAS. The people carried out repairs on the ward in the Aid post. P.M. Completed census ~~stat~~ statistics for PASALAGAS.

Wednesday 21st.

0730 - Patrol departed PASALAGAS and walked to POAGARE. arrived 0850 1000 Talked with assembled people re agricultural, health and educational matters. Field workers went out on coffee census. Completed census for the three lines. 1200 Worked on census statistics.

Thursday 22nd.

0715-0845 Walked to BIAKA from POAGARE. Carriers arrived 0925. 1000 - 1015 Talked to assembled people re various matters including Pasalagas Airstrip, health, agriculture and education. 1015-1230 Revised the census for the ~~BRANILE/BRANILE~~ 7 BIAKA groups. 1400- 1800 Completed the census statistics for BIAKA. P.M. Held lengthy discussions with the village officials re various matters and purchased artifacts for the Hagen Show.

Friday 23rd.

0730-0945 Walked to Pasalagas. Carriers arrived 1115. Inspected repairs completed on the Pasalagas Aid Post by the local people. Held further archery competition to select entrants for the Show.

Saturday 24th.

0800- 0915 Walked to WELIYAKU. Carriers arrived 1000. Talked with assembled people re. roadwork, economic crops, Pasalagas Airstrip and others. 1100- 1200 Censused the two groups at WELIYAKU and purchased fresh food for the patrol. Instructed village officials to settle three outstanding minor marriage disputes. Completed census statistics.

Sunday 25th.

0700- 1030 Walked to KAIKOTOK.

Monday 26th.

0800- 1300 Talked with assembled people and completed the census for the KAIKOTOK area. Walked back to PASALAGAS looking at various routes for vehicular road Kaitok-Pasalagas. Arrived Pasalagas 1830.

Diary cont.

Tuesday 27th.

Raining heavily all day. Completed census for Maramuni Census Division.

Wednesday 28th.

Police to cut track to POKOR. Self carried out rough survey of possible extension to PASALAGAS airstrip. 1300 Walked over track cut by police to get an idea of terrain and soil that a vehicular road would cross. Heard a C.M.A. stealing case. Defendant found guilty and sentenced to Wabag S.I..

Thursday 29th.

Walked to WOLLEP via TONGOLE and had a look at a possible route for a vehicular road. Arrived WOLLEP 1600. Purchased food for patrol and arranged carriers for tomorrow.

Friday 30th.

0630 Patrol departed WOLLEP. Self, Const. PERANO and an interpreter arrived IBERES 1230. Remainder of patrol arrived 1530.

Saturday 31st. July.

0800-0845 Walked to roadhead at PIPERBERGUM. Paid carriers and transport arrived 1000. Arrived Wabag 1300...

End of Patrol...

Native Affairs.

The Maramuni Census Division has an area of approximately 500 square miles, and a population of 2,902. It does not have the pressing land shortages of other Enga people in the Wabag and Lalagus areas. As the patrol moved through the area the people were encouraged to bring forward any outstanding disputes and to air any grievances they may have. Several minor marital disputes were brought before the patrol and the village officials were encouraged to settle these amicably. This was done. One case of theft was reported to the patrol which was dealt with through a Court of Native Affairs.

Throughout the area the people made repeated requests for an Administration teacher and some form of cash income for the Maramuni area.

The patrol explained to the people that it was improbable, because of the shortage of teachers, that the Education Department would set up a school to serve as small population as theirs, in the foreseeable future. However the Primary I school at Wabag was open to their children. It would able to admit a number of children each year if the parents were willing to take their children to Wabag for enrollment in early February of each year.

It was explained to the people that before a successful cash income could be introduced a good vehicular road network must be constructed. One of the patrol's objects was to carry out an initial survey of the Maramuni area with the view to ~~constructing~~ commencing work on such a project. (See Roads and Bridges.)

The people said they realized the importance and necessity of a road system. They are willing to commence work if the Administration would assist in surveying and fiscal pegging of the roads and provide shovels etc..

(10)

The people were told that it was the intention of the Assistant District Commissioner, Mr. B. Hook, to send another patrol into the Maramani area later this year with the express purpose of completing the surveying and final pegging of certain roads after which it would be left to them to decide whether they were willing or not to commence the cutting of the roads.

A number of people approached the patrol and inquired as to why the Administration and Seventh Day Adventist Mission planes were not allowed to utilize the airstrip at PASALAGAS which has been in operation for about seven months. It was explained to them that the airstrip was built at the joint expense of the Lutheran and Catholic Missions and is maintained by them. It is the prerogative of these two missions whether to allow the S.D.A. Mission to land on the strip or not. The Administration did not use the strip as it was quite not up to commercial standards set down by the Department of Civil Aviation, and therefore the Admin. chartered planes could not land on the strip.

The people were told that it was not something that the Administration could deal with and that they themselves should broach the matter with the heads of the respective missions concerned. The matter for Mabag in the House of Assembly Mr. Fel Abal had preceded the patrol into the area and the people had also brought this matter up to him and he had said that he would inquire further.

A rumour from an unknown source had preceded the patrol into the area, that the Administration was planning to establish a Local Government Council in the Maramani area in the near future. The people were disturbed at this and told the patrol that they had no form of cash income and they did not wish for a council until they had. The people's fears were relieved by the patrol as they were told that it would be some time before the Administration would establish a council and they would be informed when it was thought the time was right.

Census.

Attendance at census was good at all centres with no absences recorded without a valid excuse. The total population in the Maramani Census Division of 2,902 an overall increase of 69 from the previous year. (2.4% Increase.)

90 births were registered; 47 males and 43 females, as against 21 deaths. The migrations which balanced, 43 in and 43 out, were mainly within the census division. As the number of births exceeded the number of deaths by 69, making the generic increase 2.4%.

The number of deaths was 21, the major proportion occurring in the over 15 age group, 12. The majority being aged persons. The largest number of child mortalities were infants 0-1 month, due mainly to pneumonia.

There were 95 people absent from the area at the time of the census and they were either at work or students. 73 males were absent at work, 60 of these at various coastal centres under the Highland Labour Scheme. 22 children were absent attending schools. 2 male children were attending the Primary 2 School at Mabag. These were the only students from the Maramani attending recognized schools. The remaining 20 attend the various pidgin or vernacular exempt schools run by the missions in the area.

Rest Houses and Village Officials.

The majority of the Rest Houses and their surrounds are in a good condition except for PASALAGAS which was in a state of collapse. The people were asked to rebuild the Rest House before the next patrol into the area.

All of the village officials seem to be doing a reasonable job and no recommendations for further appointments will be made at this stage.

At NELYAKU the patrol was approached ~~asked~~ to re-appoint KUP-YANAPIAPA of IPACERA who was a Taltal before he voluntarily relinquished the position when he went to the coast in the Highland Labour Scheme. He has since returned and still seems to hold the respect of the people. However his replacement Taltal WAIAMU also of IPACERA has not given ~~any~~ grounds for disapproval so it is recommended that the position remain so is, because the small population at NELYAKU does not require more than one appointed official.

The village officials for the various centres are listed below.

<u>Rest House</u>	<u>Class/Sub Class</u>	<u>Population</u>	<u>Village Official</u>
WUIMAF	LIGI K- YANBAKIA PAF	106	Taltal TIA
	" KAK	53	Taltal SAMP
	" KUK	37	Lalwai SANDAM
	" KARIPIRIK	100	" "
TUMOCHE	WOKHEH - WESSES	175	Lalwai BAIN
	" KAKBON	69	" "
	" DEWARIN	60	Taltal IENCE
PASALAGAS	PUMAM-PIWUANDA	107	Taltal MAN
	KAI-WANGGANGMURI	161	Lalwai NA
	YEBE-WAMBARI	95	Taltal TUNGU
	YANURIN	109	Taltal KORANA
POGARE	WUWIN- DALS	130	Taltal WAPIAGRE
	KAI-GEBALE PISUJU	117	Lalwai GASEP
BLAKA	WUWIN-TIYA	91	Lalwai SESU
	WUWIN-YANGGONIN	64	" "
	WUWIN-KEMU	88	Taltal IBABU
	WUWIN-WAROPOI	108	Taltal AIKU
	WUWIN-PISEK	125	" "
	WUWIN-YANGUMIN	72	Taltal AIA
	PUMAM-KACADAP	126	Taltal MABA
NELYAKU	INABARA	94	Taltal WAIAMU
	KANGIN	94	" "
KAIENTUK	MANGADE	69	Taltal CIA
	KOLA	134	Taltal "
	RARISO-WI	129	Lalwai HUPA
	LIGIHE- KOWENDA	115	" "
	LIGIHE- WRAP	117	Taltal KAIKARA
	WAIHEH	88	" "
POZILI	49	" "	

The last two lines have been in the past possessed at KAIENTUK but they are over two hours walk from this centre. They were told to construct a Rest House at Tilya for future patrols.

Missions.

There are three mission bodies working in the Marawani Census Division; The Lutheran Mission (Missouri Synod), the Roman Catholic Mission and the Seventh Day Adventist Mission.

The Lutheran Mission has its main station at PASALAGAS and is staffed by a European pastor, his wife, a teacher and his wife, and an Infant Welfare Sister. Apart from the medical work carried out by the sister the mission limits its activities to religious teaching. The Mission also maintains numerous vernacular ~~max~~ schools throughout the area although these two cover mainly religious teachings.

The Roman Catholic Mission has numerous ^{cl} ~~clerics~~ ^{clerics} based throughout the census division. The main station is at PASALAGAS where a European priest visits regularly.

The Seventh Day Adventist Mission has several evangelists in the Marawani area. This mission does not have the number of followers as the above two missions can boast.

The Lutheran and Catholic Missions have jointly built and maintain a private Category 'C' airstrip. The S.D.A. Mission has applied for landing rights; they have so far been refused. The Lutheran Missionary at PASALAGAS stated that he did not agree with the S.D.A. teachings and felt he could not allow the S.D.A. the use of the strip. Several people enquired as to why the S.D.A.s were not allowed to use the strip and they were told that as it was a private strip ~~it~~ it was the prerogative of the joint owners to say who would be allowed to use the strip. The matter has also been brought to the notice of the Whag member of the House of Assembly.

Roads and Bridges.

One of the objects of the patrol was to carry out an initial survey into a road not work in the Marawani area linking the various census centres with the Category C airstrip at PASALAGAS. All areas in the census division are linked with good walking tracks although the majority of these have steep sections which could not be utilized as the route for a vehicular road. The roads which the patrol thinks would be feasible to construct are as follows.

PASALAGAS - KALINTOK.

The only object to this road is the crossing of the SUI River. This road will after crossing the SUI River turn north until it reaches NEMAK and then proceed south west to KALINTOK along the left side of the LIANG River Valley.

PASALAGAS - PONGAK.

This road also does not present such of a problem and ~~that~~ the only problem would be a section of approximately 100 yards of large boulders. It seems at this stage impracticable to extend this road to NEMAK as the route crosses two very steep valleys. A longer route is also available but is far too long to attempt because of the small population.

PASALAGAS - XHOUK - WUKAP.

There seems no obstacle to the construction of road. The one problem is that the section from PASALAGAS to TONGKLE would need to cross the large landslide face which occurred two years ago, although this seems to have settled down and no further slides have been reported.

②

It is intended that a further patrol will be sent in to the Marasani area to ~~start~~ complete the final pegging and surveying of these above mentioned roads, before the end of this current year. The people are willing to commence work on these projects.

The writer at this stage can not give authoritative estimation as to whether it is possible to construct a road out of the Marasani. There are two possibilities, i.e. From Wailop across to IBEKES in the Lagrip Sub District, or from KAJINTOK to LOWDOL in the BERN Valley. The WAILOP route would first have to negotiate a steep and very high cliff-face. The KAJINTOK route would climb over 10,000 feet. Both routes would require extensive surveys and would create a problem because of the small population and thus labour.

It is felt that the internal road net work would benefit the people by enabling them transport their produce to the PASALIGAS Airstrip, and at a later date the major project of constructing a road out of the area after the people have realized the benefits derived from a good road system.

Airstrip.

The airstrip at PASALIGAS jointly owned and maintained by the Lutheran and Roman Catholic Missions has been in operation for six - seven months. The strip is at the moment 1500 yards long and 150 yards wide. The strip drops away at the southern end of the strip is situated on the crest of a ridge and the northern end stops right on the edge of the Marasani steep escarpment. The strip could be lengthened to the required 2000 feet to bring it up to commercial standard as per the I.C.A. revised aerodrome standards of 1/1/65 at the southern end. However this would require a major effort as the cutting would need to commence 800 feet from the southern end down through approximately 25 feet. This would require as much and even more than the work carried out to ~~this~~ the present stage and it seems unnecessary at present.

Conclusion.

The patrol was completed without any undue incident and all aims of the patrol completed.

It is felt that although the PASALIGAS ^{airstrip} could be, with a major construction project, could be lengthened that the peoples' efforts would definitely be more beneficial if they put to road construction. It has been proven in all other areas that economic development can only be achieved with the introduction of a good road system. When completed the internal network to the airstrip will provide an outlet for their produce and would be a great step in the development of the Marasani area.


Lloyd Barr
Patrol Officer.

WASO PATROL REPORT NO. 1 of 1965/66.

KARAWANI CENSUS DIVISION.

Annex A.

Agriculture.

Two agriculture field workers accompanied the patrol to carry out a coffee census of the Karawani Census Division.

The patrol found only thirteen coffee gardens containing a total of 477 trees. Only a very small number were bearing. The majority of these gardens were unenclosed and had never been cleared of under growth. The people had said that many more gardens had been planted but the trees had died. Most of the trees seemed in good condition and it is thought that these trees died due to incorrect cultivation.

The names of the people who have coffee gardens are listed below.

KAIKPE - KAIKIPA of WOLLEP 38 trees
SARI - PAKILE of WOLLEP 57 trees
MENDAI - MAIM of PASALAGAS 14 trees
PERANO - YAKIPIS of PASALAGAS 95 trees. He is a member of the R.P.A. N.G.C. and is stationed at WASO.
WAPAKOLI - WAGALINGA of PULGANS 15 trees
KALAKO - LOPALE of KAIKOTOK 45 trees
WA - KAIKIPA of KAIKOTOK 23 trees
PEA - KALAI of KAIKOTOK 21 trees
KUPA - YAKUPAL of KAIKOTOK 123 trees
WALI WAPA - YAKIPES of TONGOLE 18 trees
PANSIPI - LAOPA of BIKA 8 trees


The people were encouraged to clear the undergrowth from the gardens and erect fences to save the trees from damage caused by the domesticated pigs.

Most of the Karawani area is approximately 5,000 feet above sea level although areas near BIKA, KAIKOTOK and WOLLEP are well above 6,000 feet. The people grow good quality vegetables (i.e. tomatoes, lettuces, cucumbers and carrots and some potatoes are grown in the higher altitudes.) The people will soon be able to sell some vegetables to the Wapenamanda Co-op by WASO and take to Wapenamanda by the mission planes.

The higher altitudes should be suitable to the growing of pineapples and the next patrol in to the Karawani should take some splits into the area and get the crop started, to see if the area is suitable.

An internal network of roads is soon to be commenced and some arrangement with the Lutheran Mission could be arranged for purchasing the flour if the crop was a success.

The Karawani people have not had an Agriculture Officer visit the area since early 1962.


Lloyd Varr
Patrol Officer.

BARABWI CENSUS DIVISION.

Appendix E.

Health.

A Native Medical Orderly accompanied the patrol and every man, woman and child who attended the census was given a medical check. No serious illnesses were found and minor cases of colds, cuts etc. were treated. One case of malnutrition was found a small child who was sent to the Infant Welfare Sister at PASALAGAS who is with the Lutheran Mission.

A report on the Aid Post Orderlies, Aid Posts and their activities are included.

MOILEP A.P.O. TULI. The Aid Post is in a fair condition and the surrounds are clean. TULI seems to be doing a good job.

PASALAGAS A.P.O. IMINDI. This Aid Post was in a shocking condition. The people were told that if they did not clear the surrounds of undergrowth and repair the ward, the patrol would recommend that the A.P.O. be shifted to another post. The A.P.O. is rather slovenly and does not inspire the people and was partly to blame of the state of the Aid Post. The Aid Post and surrounds were cleared and repaired, while the patrol was in the area.

NELIMAU A.P.O. MAIRIKI. The Aid Post and surrounds were in very good condition. MAIRIKI was shifted from TONGOLE by the last patrol because he was becoming involved in local politics to the detriment of his work. He has settled down well at NELIMAU and is doing a good job.

KAISIMBE A.P.O. YENA. YENA is doing a good job and the Aid Post is in perfect condition.

BIAKA A.P.O. WALL. This Aid Post has only just been rebuilt by the people and is in good condition and this is mainly due to the efforts of WALL.

JIYA A.P.O. WAKA. This Aid Post was not visited by the patrol.

At all centres the people asked if the medicine etc. could be sent to the mission airstrip at PASALAGAS as it was too far to walk to WAKA each time the Aid Posts supply was finished. The patrol said it would look into the matter although it doubted that there were funds available for the costs.

Lloyd Herr

 Lloyd Herr
 Patrol Officer.

MARANONI CENSUS DIVISION.

Appendix C.

Education.

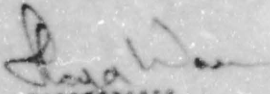
Although the census statistics show 22 students absent from the area, only two of these are attending a recognised standard school. These two children are attending the Primary T School at WABAG.

The Lutheran Mission has a qualified European teacher at PASLAKAS, but is not conducting a standard school, but is conducting classes in PIGGIN WELICH for youths.

All the three missions in the area conduct numerous pidgin and vernacular schools throughout the census division although their teachings cover mainly religious aspects.

At all centres visited the people requested that an Administration teacher be sent to the Maranoni Census Division to commence a Primary T School. The patrol explained to the people that due to a shortage of teachers and also funds it was unlikely that the Education Department could establish a school in their area for a number of years. They were told that the Primary T School at WABAG was open to the children from the Maranoni area.

They asked that the matter be brought to the notice of the Education Department.


Lloyd Warr
Patrol Officer.

MARSH PATROL DIVISION.

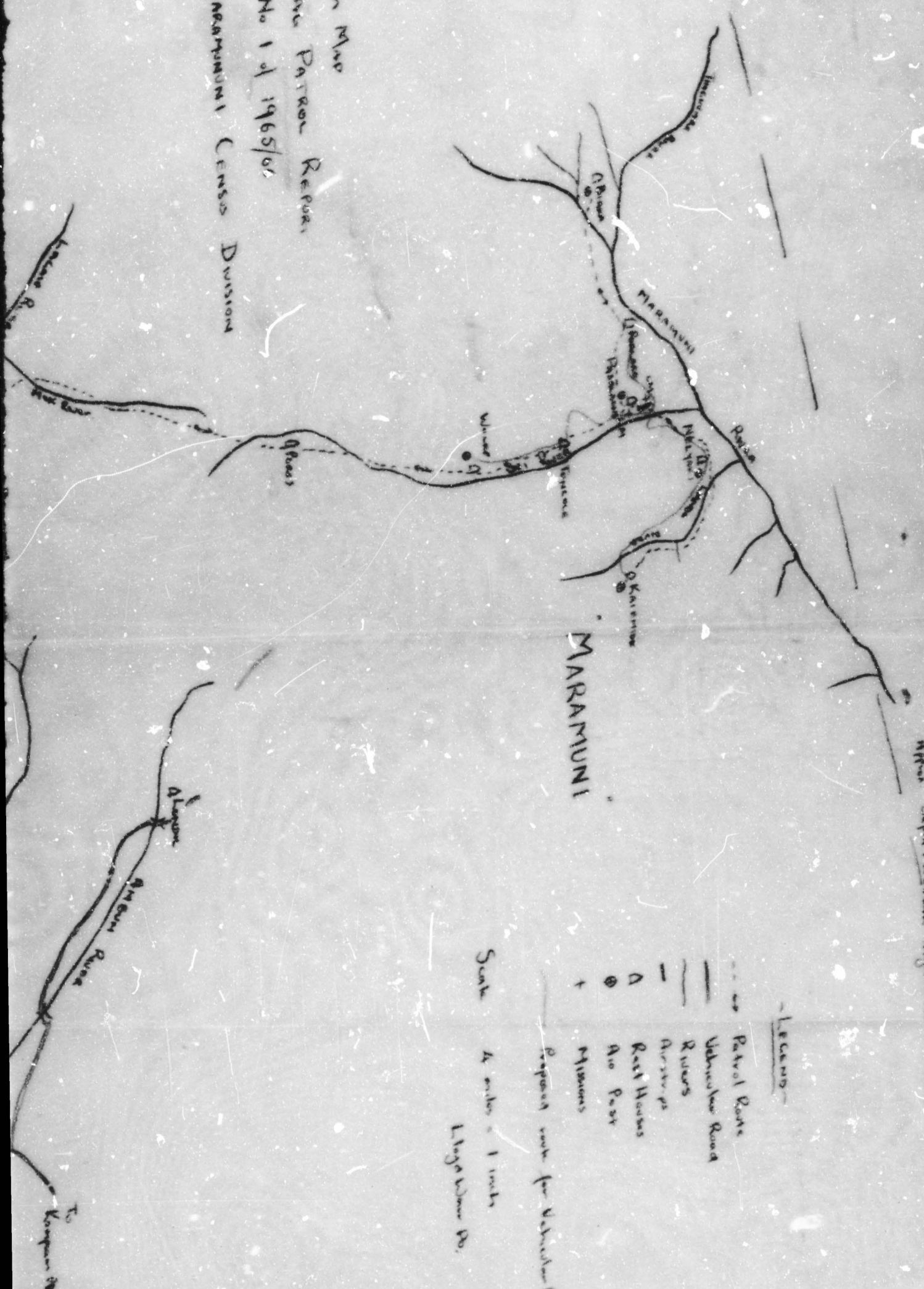
Appendix B

Report on members of the Royal New Guinea Constabulary accompanying the patrol.

<u>Reg. No.</u>	<u>Rank</u>	<u>Name</u>	<u>Comments.</u>
3386	Senior Const.	WAIN	Seems disinterested in his work and is too old for patrolling.
8538	Const.	DEYHAN	A quiet but responsible and efficient worker.
8256	Const.	MUSU	An average policeman.
8482	Const.	PIZANO	A local from the area & helpful although average policeman.
9343	Const.	SETHLOP	Does not express; is childish in his work.
11052	Const.	TOBNI	A young and inexperienced man but shows good promise and may be N.C.O. material.

Lloyd Warr
 Lloyd Warr
 Patrol Officer.

Sketch Map
 WABINE PATROL REPER,
 No 1 of 1965/66
 MARAMUNTI Census Division



Approx. Sept. - Western Highlands District

Legend

- - - Patrol Route
- Vehicular Road
- Rivers
- Airstrips
- △ Rest Houses
- ⊙ Aid Post
- + Missions

Repaired route for Vehicular Road

Scale 4 miles = 1 inch

L. H. G. W. D. D.

Alapong

Maramunti River

To Korpang



TERRITORY OF PAPUA AND NEW GUINEA

PATROL REPORT

9

District of Western Highlands Report No. No. 3 of 1965/66. Wabag.

Patrol Conducted by Mr. W.A. Cawthorn. P.O.

Area Patrolled AMMUM Census Division.

Patrol Accompanied by Europeans Nil.

Natives 6 R.P. & N.G.C., 2 A.P.O., 1 Interpreter.

Duration—From 31 / 8 / 19 65 to 25 / 11 / 19 65

Number of Days 50 days (broken period)

Did Medical Assistant Accompany? No.

Last Patrol to Area by—District Services Oct. / 1963

Medical June / 1964

Map Reference Journal Series, Wabag Sheet, and attached map.

Objects of Patrol 1. Supervise gravelling of the Koupian road. 2. Census revision. 3. Attempt to settle by arbitration urgent land disputes in the area. 4. Survey proposed mission lease near KUNDIS. 5. General Administrative

Director of Native Affairs,

PORT MORESBY.

Forwarded, please.

/ / 19

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

18

67-14-11

22nd March, 1966.

The District Commissioner,
Western Highlands District,
PORT MANSIE

WABAG PATROL REPORT NO. 1/1965-66

Receipt is acknowledged with thanks of a patrol report by Mr. Coathorn covered by your memorandum WD 541 of 21st February, 1966.

2. Your comments and those of Mr. Hoak have been noted. Please draw Mr. Coathorn's attention to your comments in paragraphs three and four.
3. Mr. Coathorn has finished a lengthy and very useful patrol and submitted a good informative report, clearly demonstrating his enthusiasm and interest in native affairs field work.
4. It appears that the deplorable condition of the Wabag section of the Kanyam road has now been rectified.

(J. K. McCARNEY)
DIRECTOR.

WD 541



67-14-11 11
Western Highlands District,
MOUNT HAGEN.

21st February, 1966.

The Assistant District Commissioner,
Sub-District Office,
HAGEN.

PATROL REPORT No. 3/1965-66
ABUEN CENSUS DIVISION - HAGEN

The report of Mr. Cawthorn's patrol is enclosed with this.

Camping claim has been approved and passed to Treasury for payment. They have been asked to forward the cheque to Mr. Cawthorn at A.S.O.F.A.

While it is true Mr. Cawthorn toured the Census Division with a particular purpose in mind - that is the improvement of roads and communications - his report should have included general comments on the health of the people, economic development in the area and other aspects of indigenous development.

Please request all field officers to make general comments on the health and well-being of the people after an extended visit to any tribal area.

T. W. Ellis
(T. W. ELLIS)

District Commissioner

→ S.C.
The Director,
Department of District Administration,
KORORUA.

67-1-1

Sub-District Office,
WABAG W.H.D.

10th January 1966

The District Commissioner,
Western Highlands District,
MOUNT HAGEN

Subject :-

WABAG Patrol No. 1 of 1965/66 ANBUM Census
Division by Mr. V.A. Cawthorn P.O.

Attached please find the above mentioned patrol report in ~~tabular~~ ^{tabular} form, together with claim for camping allowance.

This was the first census patrol to be conducted in the ANBUM Census Division for the past two years.

The WABAG section of the KONFLAN road had been in a deplorable condition for many years. Except for a section of approximately 1 1/4 miles the road has now been gravelled. This section will be surfaced when the transport position at WABAG improves sufficiently to allow a vehicle to be based on the road for a number of weeks. The fact that the road has now been gravelled has made tremendous improvement and Mr. Cawthorn is to be congratulated on a job well done.

Land problems have hindered progress within the WABAG area for many years. The present progress and success of the Demarcation Committee would indicate that many of these land problems in the ANBUM Census Division will be eliminated in the near future.

The fact that something can be and is being done will encourage disputants to assist rather than hinder settlements and the demarcation of Clan boundaries.

To date five officers have been appointed Deputy Commissioners for Land Titles and future patrols in the area will be able to determine outstanding and registered land disputes.

Mr. Cawthorn is to be congratulated on his understanding of the native situation particularly in regard to land problems, and on a successful patrol.



(D.J. Hook)

Assistant District Commissioner.

63

TERRITORY OF PAPUA AND NEW GUINEA.

Patrol Report No.3 of 1965/66, Wabag.

Patrol Personnel:

Europeans: Mr. W.A.A. Cawthorn, P.O.

Natives: Sen. Const. TALAT
Const. PERANG
Const. GURI
Const. GARISA
Const. BADEID
Const. TOROPI

Interpreter: PUNAPEN

A.P.O: JUI
A.P.O: TIMOTI

Area Patrolled:

AMBUM Census Division.

Duration of Patrol:

50 days from 31/8/65 to 25/11/65, broken period.

Last Patrol to Area:

Department of ~~Native~~ District Administration.
October, 1963.
Department of Health.
June, 1964.

Map Reference:

Fourmil Series, Wabag Sheet and attached map.

Objects of Patrol:

1. Supervise gravelling of the Kompiam road.
2. Census revision.
3. Attempt to settle by arbitration urgent land disputes in the area.
4. Survey proposed Mission Lease at IAGABELYO near AUNDIS.
5. General Administration.

B 3

DIARY.

Tuesday, 31st. August, 1965.

WABAG - YAMPU

Departed WABAG by car for YAMPU at 3.30 p.m., arriving at 4.0 p.m. Spoke to local people assembled there. Sent tractor further up the KOMPIAM road to MERAIMANDA. Some paper work at night.

Wednesday, 1st. September, 1965.

Walked down to the AMBUM River where the YAKANI Group were collecting gravel for the KOMPIAM Road. Drove to top of range with A.D.C., Wabag inspecting the rest of the road. Paper work in evening.

Thursday, 2nd. September, 1965.

Inspected roadwork in vicinity of resthouse. Truck arrived from Wabag and put it to work carrying gravel for the road. Walked to further end of the road where the MALAPINI Group were working and inspected work there. Returned to YAMPU in heavy rain at 4.0 p.m.

Friday, 3rd. September, 1965.

Walked to gravel dump at AMBUM River and put group to work repairing access road as recent heavy rain had badly damaged it. Paper work in afternoon, then drove into Wabag on truck in the late afternoon.

Monday 6th. September, 1965.

Weekend in Wabag. Returned at 9.30 p.m. by car to YAMPU. Truck and tractor remained in Wabag unserviceable. Marked out a resthouse at the top of the ridge and began work on it. Continued collecting gravel at the AMBUM River. Late afternoon walked to the nearby YARAMANDA Ridge where a fight had been visible from the resthouse. Participants fled on our arrival but Councillor told to bring them to the resthouse next morning as dark had now fallen.

Tuesday, 7th. September, 1965.

Participants in yesterday's fight all brought to the resthouse and charged in the C.N.A. In all 22 were found guilty and gaoled, there were no casualties in the fight which was a half-hearted affair.

Truck and tractor arrived and continued with gravelling the road. Repaired section of road, heavy rain at 3.0 p.m. Paper work forrest of the afternoon.

Wednesday, 8th. September, 1965.

Completed Anthropology assignment for A.S.O.P.A. Inspected work on road and renewed a culvert.

Thursday, 9th. September, 1965.

C.N.A. case heard, settled pig dispute. Began cutting bearers for nearby bridge. Drove to the top of the range and inspected work on new resthouse there. Inspected gravel collection at the AMBUM and paid for gravel collected to date. Drove back to Wabag for weekend in late afternoon.

Friday Monday, 15th. September, 1965.

Drove back to YAMPU in the morning. Went to the head of the range

to inspect progress on the new resthouse there. Tractor unserviceable again. Paper work in afternoon.

Tuesday, 14th. September, 1965.

Inspected road work then walked to where the bridge bearers were cut and supervised the pulling of them down to the road. Continued with paper work in late afternoon.

Wednesday, 15th. September, 1965.

Walked to the range top, inspecting road work en route. Resthouse progressing well, as is road gravelling at the top of the range. Returned to YAMPU and continued with paper work. Then walked down to the AMBUM to inspect amount of gravel gathered there. Drove into Wabag late afternoon to collect a few things. Returned in the evening.

Thursday, 16th. September, 1965.

Inspected roadwork. Two tractors ex Wabag, sent to top of range. Heavy rain in afternoon, truck bogged for an hour.

Friday, 17th. September, 1965.

Inspected roadwork and group pulling bearers for the nearby bridge. Repaired section of road near the resthouse which the truck had damaged.

Saturday, 18th. September, 1965.

Marked out a portion of road circling the YAMPU Hansenside Colony. Then drove to the top of the range inspecting the work there. Then drove into Wabag for the weekend.

Sunday, 20th. September, 1965.

WABAG - MERAIMANDA

Drove up the AMBUM road as far as MONOGAM then returned to YAMPU. Ascertained that work was progressing well then transported all patrol gear up to the new resthouse at MERAIMANDA.

Tuesday, 21st. September, 1965.

Put finishing touches to the resthouse then walked along the road to the KOPPIAM boundary, inspecting it. Inspected gravel source which is very sparse. Spoke to local people, heavy rain in late afternoon.

Wednesday, 22nd. September, 1965.

Walked down to YAMPU inspecting the road and gravel collection. Heavy rain in afternoon, truck bogging continuously cutting road & badly.

Thursday, 23rd. September, 1965.

Inspected road at top of range and completed outstanding paper work.

Friday, 24th. September, 1965.

Drove into Wabag in the morning and remained there for the next few weeks as unable to return due to pressure of work.

Monday, 25th. October, 1965.

Returned to MERAIMANDA by car from Wabag. Truck now wrecked and only two tractors serviceable. Continual rain has made work progress very slowly.

Tuesday, 26th. October, 1965.

Inspected road as far as the PORGERA Ck. and paid for gravel collected to date. Some paper work done in afternoon and one C.N.A. case heard.

Wednesday, 27th. October, 1965.

Inspected roadwork near YAMPU and amount of gravel collected down there. Paid for bridge bearers for a recently built bridge at the top of the range. Arranged for carriers for tomorrow.

Thursday, 28th. October, 1965.

MERAIMANDA - TIALIPOS

Left at 7.10 a.m. and walked along a foottrack, over the PIAROKUM Range down to TIALIPOS resthouse in the AMBUM Valley. Stopped at 7.35 a.m. to see an area of land which the group were disputing over. Moved on at 8.25 a.m. and arrived at the resthouse at 9.15 a.m., after a walk of 1 hr. 10 mins. Group collected here awaiting censusing. Health Instructor, JUI, accompanying the patrol, spoke to the assembled people on health measures. Began census at 10.30 a.m. and completed all groups by 4.30 p.m. A total of 1284 names were recorded, good attendance. Completed census figures during evening.

Friday, 29th. October, 1965.

Local people assembled again and spoken to. Aid Post inspector YIMOTI, accompanying the patrol, inspected local Aid Post. Listened to views of the local people on a land dispute within the group.

Saturday, 30th. October, 1965.

TIALIPOS - YAMPU

Departed at 7.45, walking by native track to YAMPU. Arrived there at 8.30 a.m., a 3/4 hr. walk in all. Inspected new bridge near resthouse. Walked to YAMPU H/C to listen to a land dispute involving a local policeman. Returned to resthouse and continued hearing the dispute until the late afternoon, no agreement come to.

Sunday, 31st. October, 1965.

Drove into Wabag to confer with A.B.C. Remained there over night.

Monday, 1st. November, 1965.

Returned to YAMPU by car and began immediately to census the three groups in this area. A total of 732 names recorded, excellent attendance. Health and hygiene talk given to all by A.P.O. JUI. Spoke to assembled people, then spent remainder of day on various disputes.

Tuesday, 2nd. November, 1965.

YAMPU - TIAKAMANDA

Sent patrol gear ahead, along the vehicular road, to TIAKAMANDA resthouse, and continued to hear the land dispute involving the area of

land on the far side of the AMBUM River, near YAMPU, known as KAIYAMANDA. Walked to this land with the disputants but unable to come to an amicable agreement over it, so an Application was submitted on their behalf to enable a Native Lands Commissioner settle the dispute. Walked on to TIAKAMANDA resthouse arriving there at 2.0 p.m. Paper work for rest of the afternoon. Local people told to assemble tomorrow for census. Ample food bought, resthouse in good shape.

Wednesday, 3rd. November, 1965.

Completed census of 812 people of the POREIALIN Group. Spoke to the assembled people and Health Education talk given. Worked on census figures.

Thursday, 4th. November, 1965.

Left at 9.0 a.m. for an area of land nearby called LINDIAGAM, which was the course of a dispute between the POREIALIN and KAMANUWAN Groups. As the situation between the two groups was critical attempted to settle the dispute by arbitration. By 5.0 p.m. both groups had come to an amicable agreement and a boundary was plotted acceptable to all. Paper work in evening.

Friday, 5th. November, 1965.

TIAKAMANDA - KASI

Departed at 8.50 a.m. for KASI, walking along the main road. Arrived by 9.20 a.m., a walk of $\frac{1}{2}$ hr. Local people assembled there, resthouse in good shape and ample food already collected for the patrol. Car arrived ex Nabag and drove back to YAMPU, where work had begun on a diversion road around the YAMPU H/C, and then on up to the head of the range to inspect progress on the gravelling of the KOMPIAM road. Then returned about 2.0 p.m. to KASI. Paper work for rest of the afternoon and conversed with the local people. Warned to assemble for census tomorrow.

Saturday, 6th. November, 1965.

Censused TSAKARAWANA Group at KASI, total of 421 names taken. Very good attendance, spoke to all. Left at 2.0 p.m. to inspect area of land nearby which was also the subject of a major dispute, between the TAMBIOK and YU Groups, the name of the area is LAUAK. Adjourned at 5.30 p.m. and returned to KASI resthouse through drizzling rain. Worked on census figures in the evening.

Sunday, 7th. November, 1965.

KASI - TSIKERU

Sent patrol gear & onto TSIKERU, about 15 mins walk away along the main road, at 8.50 a.m. Walked through the land belonging to the TSAKARAWANA Group, into the bush at the top of the ridge, and then around and down to the disputed land, LAUAK, arriving there at 11.0 a.m. Here all the disputants were gathered and so continued with the attempt at settling this dispute. Walked back to TSIKERU at 2.0 p.m. through the land belonging to the TAMBIOK Group. Continued with paper work into the evening. Late at night rumours that there had been fighting between the POREIALIN and KAMANUWAN Groups over their land, however the rumours were unsubstantiated but sent word for both groups to come to TSIKERU tomorrow.

Monday, 8th. November, 1965.

Conducted census of the KUNALIN Group, total of 968 names recorded, good attendance. Spoke to all, as did A.P.O. JUI. Later spoke to the POREIALIN and KAMANUWAN Groups, who had come in response to the summons. There had

been no fighting between them, though they were still not on the best of terms. In the afternoon attempted to complete settlement of the land dispute, but the two groups could not come to agreement, so submitted an Application for their dispute to come before a Native Lands Commissioner for settlement.

Tuesday, 9th. November, 1965.

Censused the LYRIN and KARABOIA Groups, total of 1239 names taken, fair attendance. Completed by 3.0 p.m., then spoke to assembled people and arranged for carriers tomorrow. Visited Father Schubbe at nearby TSIKERU Mission. Continued with census figures in the evening. One pig and ample food supplied by the local people.

Wednesday, 10th. November, 1965.

TSIKERU - MONOGAM

Departed at 8.15 a.m. and arrived MONOGAM at 9.30 a.m., a walk of 1½ hrs along the main road. Local people all assembled here and ample food bought. Resthouse in good condition. Rest of day on paper work and listening to various minor disputes.

Thursday, 11th. November, 1965.

Censused KABUBIN Group, a total of 1105 names recorded, good attendance. Finished by 1.30 p.m. during light rain. Dealt with a number of minor matters and worked on census figures.

Friday, 12th. November, 1965.

Censused TIDI and KUNALIN-KIA Group at MONOGAM, total of 1214 names recorded, good attendance. Spoke to all afterwards and talk given on Health Education. Aid Post inspected. Some minor disputes dealt with in afternoon and census figures completed.

Saturday, 13th. November, 1965.

MONOGAM - LONDOL

Set off at 8.15 a.m. walking along the main road to LONDOL. Arrived there at 9.30 a.m., after a 1½ hrs. walk. New resthouse recently completed here. Warned local people of census on Monday. Then drove into Wabag for the weekend.

Monday, 15th. November, 1965.

Left by car at 8.30 a.m. with extra rations. Arrived LONDOL to find people awaiting and immediately commenced with the census. Censused 457 people of the WAMERA Group before heavy rain fell.

Tuesday, 16th. November, 1965.

Completed census of the WAMERA and TIDI Groups, a total of 1393 names taken, good attendance. Spoke to assembled people. Heard a few minor disputes and talked with the two Councillors. Arranged for carriers for tomorrow.

Wednesday, 17th. November, 1965.

LONDOL - TIAKAMANDA

Departed LONDOL at 7.35 a.m., inspecting the road en route.

Changed carriers at MONOGAM and KENEKE TSIKERU, arriving TIAMAMANDA at 12.15 p.m. C.N.A. case heard, arranged for survey of mission lease for tomorrow. Worked on census figures.

Thursday, 18th. November, 1965.

Left at 9.0 a.m. to survey the Lutheran Mission lease past KUNDIS. Had the boundary cleared and did a chain and compass survey around it, in company with the owners. Paen took information from the owners for the investigation report. Returned to the resthouse by 2.30 p.m. Dined at KUNDIS Mission.

Friday, 19th. November, 1965.

TIAMAMANDA - TIALIPOS

Sent carriers ahead to TIALIPOS and went to investigate a report of riotous behaviour nearby. As reported culprits were not there sent a man off to tell them to report to TIALIPOS. Afternoon spent on paper work.

Saturday, 20th. November, 1965.

Day spent at TIALIPOS hearing C.N.A. cases and a number of petty disputes. Settled land dispute among these people, all came to an amicable agreement. To inspect the land tomorrow.

Sunday, 21st. November, 1965.

TIALIPOS - MERAIMANDA

Sent patrol gear ahead to MERAIMANDA and walked by a circuitous route to the disputed land, YAGANGKALS, and then on to MERAIMANDA, arriving at 1.0 p.m.

Monday, 22nd. November, 1965.

All day spent at MERAIMANDA inspecting roadwork and making further payments for gravel. Began work on improving a short stretch of road near the resthouse.

Tuesday, 23rd. November, 1965.

MERAIMANDA - YAMPU

Moved on down the main road to YAMPU, inspecting the road on the way. Inspected progress of work on road diversion around the YAMPU B/C. Eclipse of sun around 3.30 p.m. caused a cessation of work at this time.

Wednesday, 24th. November, 1965.

YAMPU - PAR

Moved on down the vehicular road to PAR resthouse, arriving at 8.35 a.m. after 20 mins walk. Accompanied ADC, Wabag to TSIKERU to settle a land dispute. All day spent there, heavy rain in afternoon. Finished by 6.0 p.m. by which time a boundary had been surveyed between the two groups.

Thursday, 25th. November, 1965.

PAR - WABAG

Conducted census of the IAKANI Group here, a total of 893 names recorded, very good attendance. Spoke to all afterwards. Completed all census figures during afternoon. Cars arrived at 5.0 p.m. to transport complete patrol into Wabag. Patrol ended.

END OF DIARY

Introduction:

The patrol had two main aims; to complete the gravelling of the Wabag portion of the Kompiam road and to conduct a census revision of the people in the AMBUM Census Division, at the same time attending to any general administration matters which may arise.

Unfortunately, due to inclement weather and the fact that the truck and two tractors, supplied to aid the gravelling, were continually breaking down, the gravelling of the Kompiam road was not completed. However the ~~greater~~ greater portion has now been finished and a further month of continual work should see the complete road gravelled.

The census revision was completed with no trouble and a surprisingly good attendance was met with at every census point. It was the first census in this area for two years. As is usual in this area a great number of disputes, on every conceivable thing, were brought before the patrol to attempt a settlement. However at no time during the patrol did any untoward incident occur. A surprisingly few number of C.N.A. cases were heard, considering the duration of the patrol, only six in all.

At no time did the patrol have difficulty in obtaining food, fire-wood or carriers. Most resthouses were in good order and the surrounds neat.

The lengthy duration of the patrol was necessitated by the pace of work on gravelling the Kompiam road and the fact the patrol was broken for about a month due to Supreme Court visit, A.S.O.P.A. exams, and an extensive police investigation which had to be carried out over a fight in the RAUANDA area.

The AMBUM Census Division consists only of the valley of the AMBUM River, except for a number of small groups which live on the far sides of the two valley walls. It is one of the most & heavily populated areas, in comparison to its size, in the whole Sub District and would have a population of approximately 12,000 people confined between the narrow walls of the valley, which is only about 18 miles long. However, of this total, about 1,500 are censused in the Wabag Census Division, although actually living in the AMBUM Valley. The valley has a good vehicular road running up its full length, to LONDOL at its head, and is easily accessible. Most walking involved on the patrol is done along this road, or its offshoot, the road which leads to Kompiam.

Native Affairs:

Comparing this area with what it was two years previously the native situation has improved considerably, although this does not mean that it can be considered satisfactory. There is still the same feeling of antipathy towards members of different groups, which is in fact fairly general throughout Wabag, which prevents them from working in unison towards their own betterment. They are more concerned in getting one over the rival line than in endeavouring to improve the future for Wabagas as a whole; and this attitude has nothing of healthy competition in it, rather there is a very real element of jealousy among them which causes them to hinder the efforts of a rival group if they cannot succeed themselves. The prime example of this is their attitude over land. For instance if the members of a group wish to expand their gardening area to a piece of virgin soil, perhaps to increase output with a ~~few~~ to selling the balance, or to plant a cash crop, invariably members of a rival group will lay claim to the land, if it is anywhere near their own land, although they know they have not the slightest right to it. However they also know that due to the lack of authoritative officers the dispute cannot be settled by a court immediately, probably not for a number of years, and in the meantime the disputants will probably be told to leave the disputed land fallow until such time as the dispute can be settled officially. There they would regard their goal as attained, for by sheer chicanery they had forced their rival group off an area of land over which that group probably had full rights. A total of approximately 120 acres of land was brought to the notice of this patrol as lying fallow due to just this attitude as mentioned above, probably the total for the whole valley is

such larger. At present the only thing one can do is to try and settle the dispute by arbitrating between the two groups, the amount of Native Lands Commissioners in the Sub District is far too low in comparison to the number of outstanding disputes, however it is very rarely that the groups involved will come to an agreement. Out of Five attempts at arbitration over a land dispute during the patrol, two were settled amicably, however even this is good news as two years ago none would have been settled. At least this shows that some members of the community are tired of this 'won't budge an inch' attitude and are willing to come to some sort of an agreement that will assure peace.

Indications that things are improving is the eagerness shown by some members of the community, usually Councillors and their committee men, to do something to ensure peace, so opening the road to prosperity, among the people of theirs and other groups. Favouritism is giving way to unbiased justice in their dealings with their people. They are hearing, and settling, many disputes before they even reach the ears of the 'kiaps'. It was brought to the notice of this patrol that three land disputes had been settled by Councillors in the Ambum and none were brought up again. The Councillors are realizing their responsibility and are eager to shoulder it, a number of times they asked that any disputes, especially those on land, should be referred to them and only as a last resort would they bring the disputes before a M.C.N.A. or Native Lands Commissioner. That the public also appreciate this attitude is shown by the fact that they themselves always elected the Councillors and they invariably follow their Councillor's lead.

At all census points when the patrol arrived the people were gathered waiting, ample food and firewood was already collected for the patrol's use and the resthouse and surrounds were in good repair and clean. At no point was difficulty met with in obtaining carriers, more than enough usually volunteering. Census attendance was good throughout. This is a great improvement to the situation, in these regards, two years ago. Apart from the various disputes which flare up and then die down from time to time the people are happy and seem content. Indeed, it sometimes appears that they regard these periodic disputes and arguments as a pastime rather than a matter of life and death, one might call it the national sport.

Roads and Bridges:

The Ambum road is in very good condition, especially as far as MONOGAN. Past there, to the road head at LONDOL, the condition of the road deteriorates slightly due to the incessant landslides and the fact that the people here do not maintain the road as well as they could. While the patrol was at LONDOL this section of the road was cleaned up and two new culverts were put in, however it still needs constant attention. Their short diversion, about 200 yds., around the IANPU Handenide Colony, is finished now but will need gravelling. This should not take long once the tractor is working again on gravelling the Kompiam road as some of the gravel could be diverted to this section as it is not far off. All bridges are in good condition.

The Kompiam road has now approximately 4/5 of its length gravelled. The remaining 1/5, or about 10 miles, is a flat stretch along the top of the MERAIMANDA Ridge so it should not take more than a month to complete with both tractor and truck working full time. The gravel supply at the PORGERA Ck. is very scanty at the best of times and is now nearly finished, it is not a very good quality gravel. However the remaining section of the road, being in the middle, could just as easily be gravelled from the Ambum River, and the quality of gravel there is more suited to road surfacing. Two bridges on this road were removed during the course of the patrol and were replaced by culverts. This makes the total number of bridges on this road only one and it is the bridge over the PORGERA Ck., the boundary between Kompiam and Wabag.

Census:

A total of 10,517 names were recorded for the whole census division. Attendance was good throughout, the only absentees being school children and people working. A total of 259 people were employed within the District, about $\frac{1}{2}$ being employed within the Sub District. 142 were employed outside the District, mainly in the Highland Labour Scheme. A total of 450 children were at school, of these 124 were girls. Of the 326 boys 34 were attending the Government School at Wabag.

Migrations in and out were not great, most of them being for marriages and the majority of movements being within the Census Division. A large number of men, and their families, from the WALE/TARUA Census Division in KOMPAM wished to be censused with the KABUBUN Group at MONOGAM although they lived in the WALE area near the regular patrol route, whereas MONOGAM was a long, hard days walk away. There only reason was they originally belonged to the KABUBUN Group and migrated into the WALE some years ago. As the majority of the people in the WALE originally came from groups living in the Ambus this would not seem to be a very good reason. Probably, what with the start of Local Government Councils in the Wabag area, they feel they will be left out of things in the isolated WALE. At any rate, as they had left their families behind they were not censused with the KABUBUN Group but were told they were free to join this group for census in the future if they presented themselves with their families.

Deaths since the last census totalled 331, mainly being in the Over 13 category. Births totalled 836, evenly distributed between males and females. So the population expansion rate is healthy.

Resthouses:

A new resthouse was built at MERAIMANDA on the KOMPAM road to facilitate road supervision. However in the future the WAIRUN Group, who live there at the top of the range, could well be censused there, they have a population of 300. At present they walk to TIALIPOS to be censused.

The WAMERA Group, at present censusing at LONDOL, are eager to build their own resthouse, and if possible Aid Post, at KANDAMANDA halfway along the main road between MONOGAM and LONDOL. This move was suggested by Mr. Bell, then A.D.O., Wabag, in 1962, but nothing was done about it. The next patrol to the area could investigate the suitability of the site. As there is now no Aid Post at LONDOL it would be a good thing for the local people to have one built here.

The resthouses at YAMPU and PAR could well be renewed. Instructions were so given at PAR. The remainder of resthouses in the Census Division are in good condition.

Conclusion:

Local Government Councils seem to have produced a noticeable improvement in the attitude of these people. Although it is by no means wide spread enough a number of people are eager and willing to work to better themselves and their area as a whole. They are beginning to realize the meaning of the old adage that the best way to better your lot is to do a lot better. Their disinterest and their non-committal attitude are disappearing and are being replaced by an upsurge of interest in themselves and their future. A number of their leaders are outspokenly disgusted at the attitude of their people, their awareness of this should be transmitted to the people themselves and may awake in them realizations that they also have a part to play in their cultural and economic advancement.

Once their land problems are settled one should see the people and the area surge forward, for at present the bulk of their interest and energies are focussed on land. Settlement of all outstanding disputes

should free their energies which could then be channeled into useful outlets. It will be interesting to watch the success of the demarcation committee in the area. For if, as is probable, disputes will spring up before it as a brush fire before a strong wind, it is likely the land situation will be aggravated greatly, unless of course enough Native Lands Commissioners are made to cope with the overwhelming number of disputes which would eventuate. However if the committee is a success it will certainly be a major step towards the development, economically and socially, of the area.

(W. J. Cawthorn)
Patrol Officer

Wabag Patrol Report No.3 of 1965/66.

APPENDIX 'A'

Report on Royal Papua and New Guinea Constabulary:

No.4186 Sen.Const.TALAT,

Discipline : Very Good.
Appearance : Fair.
General Ability : Experienced and loyal N.C.O.However is lacking in command and intelligence.

No.8482 Const.PERANO.

Discipline : Excellent.
Appearance : Fair.
General Ability : An entirely reliable and competent policeman. He is experienced, conscientious and painstaking.

No.3524 Const.GANISA.

Discipline : Good.
Appearance : Smart.
General Ability : A fair policeman, does not exert himself, is not entirely reliable.

No.2513 Const.GERI.

Discipline : Good.
Appearance : Sloppy.
General Ability : Capable of good work but inclined to be lazy. Does not seem interested in his job.

No.9447 Const.BADRIE.

Discipline : Fair.
Appearance : Good.
General Ability : Inclined to talk too much and work too little. Lacks experience and seems unable to gain it as he cannot learn from his mistakes.

No.11052 Const.TOROPI.

Discipline : Very Good.
Appearance : Smart.
General Ability : Lacks experience but has the makings of a good policeman. is keen and intelligent.

(W.A.Cawthorn)
Officer of R.P. & N.G.C.

Special Patrol Report No. 3 of 1952/53.

APPENDIX 'A'

Report on Special Patrol and New Guinea Constabulary:

No. 3186 Const. TILAK.

Discipline : Very good.
Appearance : Fair.
General Ability : Experienced and loyal N.G.C. member in leading in command and intelligence.

No. 3188 Const. FRANK.

Discipline : Excellent.
Appearance : Fair.
General Ability : An entirely reliable and competent policeman. He is experienced, conscientious and painstaking.

No. 3224 Const. SALLIA.

Discipline : Good.
Appearance : Smart.
General Ability : A fair policeman, does not exert himself, is not entirely reliable.

No. 3210 Const. VUI.

Discipline : Good.
Appearance : Sluggish.
General Ability : Capable of good work but inclined to be lazy. Does not seem interested in his job.

No. 3267 Const. SAMPIL.

Discipline : Fair.
Appearance : Good.
General Ability : Inclined to talk too much and work too little. Lacks experience and seems unable to gain it as he cannot learn from his mistakes.

No. 1102 Const. KERRI.

Discipline : Very Good.
Appearance : Smart.
General Ability : Lacks experience but has the makings of a good policeman. Is keen and intelligent.

(S. A. GUTHRIE)
Officer of R.F. & N.G.C.



TERRITORY OF PAPUA AND NEW GUINEA

PATROL REPORT

District of WESTERN HIGHLANDS Report No. Wahag No. 4 of 1965/66

Patrol Conducted by LLOYD WARR P.O.

Area Patrolled KARAWINI CENSUS DIVISION AND PERALI

Patrol Accompanied by European ^{ALL} Members R.P. & N.G.C., 1 Interpreter, 2 Agricultural Trainees, 6 P.H.D. personnel
Natives

Duration—From 9 / 11 / 19 65 to 25 / 12 / 1965

Number of Days 47 days.

Did Medical Assistant Accompany? NO

Last Patrol to Area by—District Services 7 / 19 65

Medical / / 19

Map Reference Journal Map Wahag Patrol Report No.4 of 1961/62

Objects of Patrol Survey and commence construction of road network Karawini area
General Administration.

Director of Native Affairs,
PORT MORESBY.

Forwarded, please.

 / / 19

.....
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

67-14-10

22nd March, 1966.

The District Commissioner,
Western Highlands District,
MOUNT HAGEN.

ROAD PATROL REPORT NO 4/1965-66

Receipt is acknowledged with thanks of a patrol report by Mr. Warr, covered by your memorandum WHD 142 of 23rd February, 1966.

2. Your comments and those of Mr. Hook have been noted. I do hope your field officers have taken particular note of your comment which states that babag Councillors should be invited to accompany patrols of this nature.

3. Could you please remind patrol officers that a patrol map is to be attached to every report.

4. Mr. Warr seems to have spent very usefully a long time with the local people on this patrol and has prepared a lengthy and informative report, but it has been marred by innumerable typographical errors.

5. I do hope Mr. Warr's road survey is helpful.

(J. E. McGRATH)
DIRECTOR.

67. 14. 10. 6

SMP-SS



WHD 542

Western Highlands District,
MOUNT HAGEN.

23rd February, 1966.

~~The Assistant District Commissioner,
Sub-District Office,
WABAG.~~

Wabag Patrol Report No. 4/1965-66
MARAMUNI Census Division

Mr. Warr's report has been read with interest.

His Camping Allowance has been passed for payment and various extracts from the report passed to the District Development Committee.

I have always felt that the Maramuni might offer a partial solution to the population pressure of the Upper Lai-Ambum. Patrols of this nature could usefully invite Wabag Councilors and others of influence to accompany them during the patrol. The trade ties are close and as the Maramuni opens up with roads, the young men of Wabag may see some greater opportunities, not particularly in cash cropping, but in traditional items of wealth (pigs, etc.) being developed in the Maramuni.

The probability is that the Missions will agree to the ^{re}destruction of the Pasalagus strip. It won't make the SDA pilot any more popular, but will remove a source of friction.

Access to the Maramuni is, like Porgera, a most difficult engineering task. I agree that your road system within the valley should be developed, but the access from the Ambum or north of Liagam must have thorough investigation.

WJE
(T. J. ELLIS)
District Commissioner.

→ C.c.
The Director,
Department of District Administration,
KONIGSDORF.

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IN
F

137

Sub-District Office,
WARAG, W.H.D.,
12th. 7th. Nov. 1965.

67-1-1

Mr. L. Warr,
Patrol Officer,
WARAG.

Warag Patrol Instructions No.4 of 1965/66 to Maramuni Census Division.

Please proceed on a patrol into the Maramuni Census Division as previously discussed with you.

The objects of the patrol are as follows :-

- .1. Survey and commence work on the construction of a vehicular road system within the Maramuni Valley.
- .2. Carry out general administration work in the area.
- .3. If you have time during your patrol, proceed to the Arafundi area and visit the O.I.C. AMBUIB to discuss District border matters with him and check on trades routes etc. with the Sepik. This information is required to enable us to keep a check on the spread of infectious diseases from this area in the future.
- .4. Deal with any other matters arising in the course of the patrol.

.....
(D.J.Beck)
Assistant District Commissioner.

TERRITORY OF PAPUA AND NEW GUINEA

Sub-District Office,
WABAG, N.M.D.

6th. January 1966.

The Assistant District Commissioner,
Wabag Sub District,
WABAG.

Wabag Patrol Report No. 4 of 1965/66.

AREA PATROLLED: Maruwani Census Division and Penali - Arafundi Area.

PATROL ACCOMPANIED BY: 6 Members of the R.F.M.S.C.
1 Interpreter
1 Native Health Educator and Aid Post Inspector.
1 N.M.O.
4 trainee A.P.O.s
2 Agriculture Field Workers.

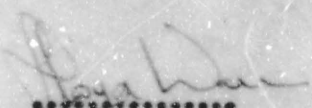
DURATION OF PATROL: From 9/11/65 to 25/12/65
47 days.

LAST PATROL TO AREA: B.D.A. Patrol No. 1 1965/66

MAP REFERENCED: Formal Maruwani Map compiled by Mr. D.J. Hook and Mr. W.A. Carthorn
Wabag Patrol No. 8 1962/63.

OBJECTS OF PATROL:

1. Survey and commence construction of internal road network within Maruwani area.
2. General Administration.
3. With aid of P.N.D. personnel accompanying patrol carry out an intensive mass health education campaign and inspect all Aid Posts in the area.
4. With assistance of two native Agricultural trainees establish a trial plot of pyrethrum in the Maruwani area.
5. If time permitted visit PENALI area of Soyik District and also proceed to Ambua Patrol Post for talks with O.I.C.


.....
(Loyd Warr)
Patrol Officer.

TERRITORY OF PAPUA AND NEW GUINEA.

Wabag Patrol Report No. 4 of 1965/66.

Maramuni Census Division.
and Penali-Arafundi area.

Introduction.

The Maramuni Census Division is formed by three converging narrow river valleys including the Maramuni River, Sai and Ikianda Rivers. The majority of the area is covered by thick rain forest except for small areas of kumai grassland which have previously cultivated by the local inhabitants. The altitude varies from 4,000 to 8,500 feet above sea level on the surrounding ridges.

The area is approximately 28 miles NNW of Wabag but can only be reached after two days walk from either LONDOL at the head of the Ambun Valley to KAIWEN, or TORHAI in the Legipi Sub-District to MUILOP. (See map.) There is a joint Catholic-Lutheran Airstrip at Pasaigas, which is centrally situated in the census division but is not up to commercial standard.

The Penali-Arafundi area is due north of the Maramuni area; three long days walk from Pasaigas across the Maramuni River and over the KAIWEN Range and down into the first Penali settlement, KALAI which is situated in the headwaters of the Arafundi (AIA) River. The Patrol followed down the Arafundi River onto humid lowland rainforest to a village called IONKIN approximately 800 ft.

The main objects of the patrol were to carry out a survey and commence work on the construction of a vehicular road system within the Maramuni area; carry out general administration work in the area; conduct an intensive health education program with assistance of the P.N.G. personnel accompanying the patrol, i.e. a native health educator and Aid Post Inspector, an N.M.O. and four trainee A.P.O.s. Two Agricultural Extension trainees also accompanied the patrol and planted a trial plot of pyrethrum as well as attending to the number of coffee gardens throughout the Maramuni Census Division.

A further object of the patrol, if time permitted, was to proceed to the Arafundi area and visit the O.I.C. Ambuin Patrol Post to discuss District Border matters and native trade routes. The latter information was required to keep a check on the spread of infectious diseases through this area. However, although the patrol did enter the Arafundi area it was unable to proceed onto Ambuin as the village, IONKIN, where it was expected that we would be able to obtain canoes for the remainder of the trip, was deserted. The male members of the village had left the area on a milling expedition and the women to another village. The patrol was in short of supplies and could not wait for the three days required to obtain canoes from another village further downstream so returned to the Maramuni area.

Diary

Tuesday 24th. November.

Made preparations for Wabag Patrol No.4 of 1965/66 into the Maramuni area, rations patrol gear etc.

Wednesday 25th.

Major portion of patrol personnel under Sen. Const. Gabuni proceed by truck to PIPINGGUE. Self completed outstanding correspondence.

B 2

Thursday 11th.

Self completed correspondence. Patrol proceeded POKES.

Friday 12th.

Self, Corporator and Const, MUSA proceeded to PIPILONGONG by Land Rover with remainder of patrol equipment, enlisted carriers and walked to POKES, arrived 1630.

Saturday 13th.

Departed POKES 0800 arrived JOLEP where patrol was awaiting our arrival, 1130. First section of patrol then proceeded PASALAGAS. Self camped JOLEP.

Sunday 14th.

Walked Pasalagas. Advised village officials of intended meeting tomorrow.

Monday 15th.

A traditional leader died during the night, postponed planned meeting to enable the local people to perform burial ceremony.

Tuesday 16th.

0900-1200 Village officials of all census centres in Marumai area had assembled PASALAGAS to discuss proposed road network, all seemed anxious to commence work. 1200-1300 FWD personnel talked with people re health education etc, FN they inspected native houses and pit latrines.

Wednesday 17th.

Commenced cutting survey track for PASALAGAS-KAISHOK road. 0800-1600.

Thursday 18th.

0800-1630 Continued from yesterday-- came against large rock Dase and decided to abandon this particular route and start again tomorrow.

Friday 19th.

Commenced new route from Pasalagas down towards the SAI RIVER (approximately 2000ft) 0800-1700

Saturday 20th.

Continued from yesterday found no obstacles.

Sunday 21st.

At PASALAGAS. Organised children from Marumai area who wished to attend Primary 1 School at Uling. They were required to sit for entrance test.

Monday 22nd.

0800-1200 Completed survey down to River.

Tuesday 23rd.

0700 Patrol proceeded MELYAKU self and Const. INIRAN waited for A.A.F. Comms to arrive PASALAGAS for mail. 1100 walked down to Sai and searched for bridge site. Bridge site found approx. 66 ft span.

Wednesday 24th.

0800-1700 Commenced survey from Sai River to up towards MELYAKU.

Thursday 25th.

0800-1630 Continued survey towards Meliyaku.

Self

Friday 26th.

Self completed survey to Meliyaku and Sen. Const. Gabuni had a look at intended route towards KAISHOK.

Saturday 27th.

0600-1800 Had a look at terrain etc. of proposed route to Kaintak from Halyak decided to attempt an alternate route down to and across the Liando River instead of high along the right hand side of the Liando Valley because of the long rock face.

Sunday 28th.

At Halyak.

Monday 29th.

0600-1600 Survey down towards the Liando River.

Tuesday 30th.

Surveyed to bridge site and across towards Kaintak.

Wednesday 31st. December.

Left Const. Camp to complete track to Kaintak a gently rising section with no major problem. Self 0600 Walked to Pavalagas to inspect work completed in the clearing of the survey track. on the way arrived Pavalagas 0945. P.M. Returned to where the people were clearing track.

Thursday 1st.

As per yesterday P.M.

Friday 2nd.

0600-1800 Walked along proposed route of PAVLAGAS-POGARE Had found large rock outcrop. Returned PAVLAGAS. Decided to try alternate route across spur instead of around.

Saturday 3rd.

0600-1700 Continued survey alternate route to POGARE.

Sunday 4th.

At Pavalagas.

Monday 5th.

0700 Pavalagas people commenced cutting of road to Kaintak. 0630 Self continued survey to Pogare 1245 Retired Pavalagas Const. INIRAN completed track to Pogare of remaining short section. 1500-1630 Settle d several minor civil court cases. 1630- 1800 Inspected work in progress on road cutting.

Tuesday 6th.

0700- 1800 Had a look at proposed route Pavalagas-Tungalo-Wallop Road. A large and high rock outcrop along the entire left hand bank of the Kamp River. The large land slide still seems to be moving slightly. It would seem virtually impossible to construct a road to Wallop in the right hand eastern side of the Sai Valley. It may be possible on the western side.

Wednesday 7th.

0600-1700 Walked with people cutting road at Pavalagas. Not satisfied with survey to Pogare and told people not to start construction until I had a further look. Intend heading for Penali area to narrow and instructed Const. INIRAN to investigate another route to Pogare.

Thursday 8th.

Worked at Pavalagas postponed departure until tomorrow.

Friday 9th.

0700-0715 Organized carriers for Penali area. 0715-0830 Walked to Halyak and inspected road work completed on HELIEN section. 0830-1135 Walked to ILIA 1135 set up camp and purchased native food for patrol. Very heavy rain all afternoon.

Saturday 10th.

0715-1530 Walked from ILIA to KAI River and camped after crossing the Karamani River. Had to build a bridge across the fast flowing Karamani. Camped Wait River in heavy rain. Camp completed 1630. Stations issued.

Sunday 11th.

0730 Prepared to depart. 0615-1300 Walked to first PENALI settlement of three houses and approx. 30 people.

Sunday 12th. cont.

WALAI. The track had been cleared by this small group to six hours walk from their village. Ample food was supplied by the people, mainly sago. Laluni WNA offered to guide the patrol to IONHOIN where we expect to be able to get a canoe to ARHOIN P. Medical treatment was given to the local inhabitants.

Monday 13th.

0615-1000 Walked to WAGAN next settlement, approx. 12 people. The Arufudi running fast had trouble persuading HGA carriers to cross river. The track on this walk had also been cleared. Ample food for the 50 strong patrol had been prepared by this small group. People also given medical treatment from S.F.O. Talked with local inhabitants.

Tuesday 14th.

0630-1000 Walked to AWANK next PENALI settlement the people had shifted site so decided to continue on to IONHOIN arrived 1400 after crossing the Arufudi 5 times a flash flood caused the patrol to slow down as bridges had to be constructed for HGA carriers. IONHOIN virtually deserted all able bodied male members of village are apparently out cutting timber and few have had visited other villages. Only one canoe available and no food so decided to abandon trip to ARHOIN. Arufudi is now a slow winding river.

Wednesday 15th.

Departed at IONHOIN. Carriers and police sent to hunt game for food.

Thursday 16th.

0600-1200 Walked IONHOIN - WAGAN River had fallen and carriers had no trouble. Purchased sago for carriers.

Friday 17th.

0600-1000 Walked to WALAI the people at WALAI asked the patrol to stay another day. They had killed a large wild pig. S.F.O. treated numerous illnesses and auroa.

Saturday 18th.

0600-1200 Walked WALAI to WHIF camp. PENALI walked to WHIF River and said their good-byes.

Sunday 19th.

0600-1600 Walked WHIF to ILVA. Purchased native food, issued same to patrol.

Monday 20th.

0900-1200 Walked to PASALAGAS. Inspected roadwork in progress at NULIEN. 1300-1700 Inspected work completed Pasalagas area on Kaiwotok and Pongare Roads.

X Tuesday 21st.

Const. NERAN had found a new route to Pongare around the spur instead of over it. 0600-1700 Surveyed new route.

Wednesday 22nd.

Sent Const. NERAN to survey remaining small section of Pongare Road. Self 0800-1600 worked with workers cutting road Pasalagas area. 1600 Assembled all workers in area and discussed several matters. It was decided to rest for three weeks over Christmas and New Year and then commence in earnest.

Thursday 23rd.

0800 Main portion of patrol departed Pasalagas for Vollep; self stayed to attend to a RE S.S.A. Mission Lease. Departed Pasalagas 1100 arrived NULIEN 1400. Arranged carriers for tomorrow.

Friday 24th.

0600 - 1200 Self and Interpreter EF walked to TORHEAN carriers arrived 1500.

Saturday 25th.

Christmas Day.. Walked to TUPISAPTA. Paid carriers. Transport arrived from Mahag Arrived Mahag 1500.

INFORMATION

The Maramani Census Division has an area of approximately 6.0 square miles and a population of 7,500, as at the last census in July 1965. The area does not have the pressing land shortage of the other Ilong people in the Ilong and Ilongan areas. For the nature of the patrol work object, i.e. to survey and construct construction of a vehicular road network within the census division, it did not visit all centres. However the people were encouraged to bring forward any disputes or grievances they may have. Several minor marital disputes were brought before the patrol and the village officials with the disputants were encouraged to settle these amicably; which was done. One case of assault was reported and subsequently settled with through the Court of Native Affairs.

The people of the area have shown that they realize the importance and necessity of a road system before their area can develop by their willingness to commence work on the construction of such a scheme. The patrol completed the first survey of 70 roads while in the area. PABLAGAS- KAHNUNG and PABLAGAS- PABLAGAS (the roads and bridges.) All able bodied males within the Maramani Census Division immediately commenced working on the cutting of these 70 roads. The patrol took 250 shovels into the Maramani to use on the construction of the roads however the people asked that more equipment be given i.e. shovels, picks, and axes. They were told that the writer would endeavour to obtain more equipment.

While the patrol was in the area 25 children of school starting age were sent to Ilong for the personal of the Head Teacher of the Ilong Primary 1 School. He subsequently selected eight of these to attend the school this year.

The situation in the TIBOLI area, where the disastrous landslide occurred on the 11th, May 1964 killing 29 people still remains the same. The remaining members of the clan which lived in the area still have not returned to the area. The majority of them have migrated down the valley and settled around KAHNUNG.

The native situation in the PABLAGAS area seems very good. Although the settlements visited by the patrol UALAI and UALAI only have a very small population the walking tracks near their area had been cleared, and abundant supplies of food and made available to the patrol. The people asked the patrol to not stay longer in their area. The area and people were described in detail by Mr. D.J. Hunt in his Patrol Report No. 4 1961/62 on the initial contact of these people. The people seem little changed, all men sighted by the patrol carried bow and arrows and they still preferred trade goods to money although a few European wearing clothes were worn by some of the local inhabitants. Medical treatment was asked for and given by the R.M.O. accompanying the patrol. The whole population of the UALAI settlement seemed to be suffering from a mild type of flu. The nearest Aid Post to these people is two days away. Either two days walk to ILYA in the Maramani area or one days walk and one day canoe trip down the Arafundi River to ILYAS. This area is now administered by the Sepik District from Mabin Patrol Post.

INFORMATION

As stated previously the patrol was unable to proceed all the way to Mabin Patrol Post and the information regarding trade routes dealt mainly with the Maramani area.

There are two trade routes into the Maramani from coastal regions where it would seem possible that infectious diseases could travel. They are through the PABLAGAS area up the Arafundi River over into the headquarters of the Maramani

River which forms the Marumai Census Division. Secondly through the HAK area up from the Marumai River. The later route is the least important as because of the very small population only a small amount of trading takes place.

1. **PHALU- MARUMAI**. As noted through the Arafundi River from the Sepik River. The Marumai people trade native tobacco, native salt and domesticated pigs for various shells, tree oil and good quality weapons, i.e. bows, arrow heads and spears.

2. **MARUMAI- WAKAS and LAJAGAS**. There are three routes out of the Marumai into the higher Wabag and Lajagas areas.

- a. **WAKAS-MURINAGA**
- b. **WAKAS-TORIMAN**
- c. **WAKAS-LOKOL**

In these routes the few Marumai people retrieve the coastal goods for salt and pigs although they now prefer money as there are a number of trade stores in the area.

There is also a route to Hupia from the Marumai; from HIA across to the Tapan River and then on to Hupia but because the Hupia people have their own trade routes for coastal goods along the TAP River, very little trading is carried out on this track.

Post Boxes and Village Officials.

The majority of the Post Boxes and their surrounds are in a good condition and the Wabag Post Box which was the only exception on the last visit has since been rebuilt.

All of the Village Officials, which were listed in Patrol Report No. 1 of 1965/66, seem to be doing a satisfactory job and no recommendations for further appointments will be made at this stage.

Missions.

There are three mission bodies working in the Marumai Census Division; the Lutheran Mission (Missouri Synod), the Roman Catholic Mission and the Seventh Day Adventist Mission.

The Lutheran Mission has its main station at **PASLAGAS** and is staffed by a European pastor, his wife, and an Infant Welfare Sister. A European teacher and his wife are stationed here also but are now on leave. Apart from the medical work carried out by the sister the mission limits its activities to mainly religious teachings. The mission also maintains numerous vernacular schools throughout the area which also deal mainly with religious teachings.

The Roman Catholic Mission has numerous parishes based throughout the census division but the main station is at **PASLAGAS** where a priest visits regularly.

The Seventh Day Adventist Mission has several evangelists in the Marumai area but this mission does not have the number of adherents the other two missions can boast.

The dispute over the S.D.A. Mission obtaining landing rights to the jointly owned and maintained Catholic-Lutheran Mission Airstrip at **PASLAGAS**, which was mentioned in the Wabag Patrol Report No. 1 of 1965/66, has still not been settled. However it seems that the three missions may at last get together and come to some amicable agreement in the near future.

ROADS AND BRIDGES.

The main object of the patrol, as stated previously in this report, was to carry out a survey and commence construction of a vehicular road network within the Harau Division, linking with the centrally situated mission airstrip at PASALAGAS.

- The proposed roads were:-
1. PASALAGAS - KA. WUK.
 2. PASALAGAS - HIA.
 3. PASALAGAS - WILIP.

However due to the terrain and make up of the area it was found impossible to survey all these roads in the time allowed. The Harau Division is composed of three deep and narrow river valley valleys, the HUI, HAKAWHI and HIAWU; flat or even gently sloping ground is virtually non-existent. The area also has many large rock outcrops.

The PASALAGAS - KAHINUK road and section of the second road PASALAGAS - FOAGARE, have been surveyed and work has now commenced on the construction of both of these roads.

PASALAGAS - KAHINUK

There is no major difficulty in the first leg of this road, PASALAGAS to HIAWU. The road will descend on a 7° slope down to the HUI River with four 8 spans. (Average approx. 1,500 to 2000 ft.) The bridge site has a span of about 25 feet. The eastern bank will need to be built up approx. 10 feet to the height of the rock outcrop on the western side. The road then heads in a westerly direction to HIAWU, rising on a 7° slope. It was proposed to survey along the left side of the HIAWU River valley in a north westerly direction towards KAHINUK. However on inspection large rock outcrops and dense forest were seen. It was then decided to descend to the HIAWU River and then head south west along the opposite side of the valley near the river. The road will rise gently towards KAHINUK.

The people of PASALAGAS, WILIP and FOAGARE have now commenced work on the clearing and cutting of this road at PASALAGAS. HIAWU the people of HIAWU and HIA have commenced at HIAWU and those from KAHINUK at KAHINUK.

PASALAGAS - FOAGARE

The patrol started to survey from PASALAGAS around the HAIPIANARA spur on a level grade but came against a very large rockface. Another route was then tried over the same spur to FOAGARE. This seemed unnecessarily long so after a very extensive search a route was found through the rockface following from the original survey.

The route decided upon remains on a fairly level grade from PASALAGAS to FOAGARE. One problem which may be encountered in the construction of this road may be from the loose gravelly soil. It was stressed on the people working this road that they must cut the road table right into the side of the hill and on sections use any fill. After a few initial slides the road should settle down.

To extend this road onto HIAKA would be a major feat, having the cross two deep valleys the Harau and another tributary and for the small number of people it would benefit in the future is definitely not worth the great amount of effort it would require.

All able bodied males from HIAKA and FOAGARE are working on this section of road.

BRASSIA DIVISION

BRASSIA

Agriculture

The agriculture trainees accompanied the patrol throughout the Brassia Census Division.

The various coffee gardens listed in the Agriculture Appendix of the Wang Patrol Report No. 1 of 1952/56 were all observed and found. The trainees reported that all these gardens were in good condition and no cases of coffee rust noticed.

A trial plot of yuca was planted at WANG 5,000 ft. above sea level. However, most of the Brassia area is approximately 2,000 ft. and it would seem that this crop will never develop in this area.

An extensive good quality timber stands around half the population in the area to the Brassia district of BRASSIA has very few commercial. It will be possible for the people to sell coffee and any European vegetables the plant in the Brassia district.

The Brassia area has not had a visit from the Agricultural Officer since early 1952.

WANG 5,000 ft. above sea level.

The Brassia area has not had a visit from the Agricultural Officer since early 1952.

[Signature]
Lieut. Col.
Patrol Officer.

4

WABAG PATROL REPORT No. 4 of 1965/66

MARAWANI CENSUS DIVISION.

Appendix B

Health.

Six F.D.S. personnel accompanied the patrol. They included a native Health Inspector and Aid Post Inspector, a Native Medical Orderly and four trainee Aid Post Orderlies.

Due to the nature of the patrol's action, i.e. to commence road construction in the Marawani area they did not accompany the patrol at all stages. However they visited all census centres giving health education talks on hygiene etc. and inspected all Aid Posts and most native houses and latrines. Their report has been handed to the Medical Officer at Wabag.

The Lutheran Mission at PABALAGAS has a European Infant Welfare Sister and a Native Medical Orderly carrying out medical work and it is felt that it is not necessary that A.P.O. HIRRI remain at PABALAGAS but be shifted to YONGELE where the Aid Post has been unmanned for twelve months. This has been recommended to the Medical Officer at Wabag.

The R.S.O. with the patrol accompanied the patrol in to the PEBILI area of the Sepik District and attended to numerous ailments and areas of these people who who have at least two days travel to the nearest Aid Post.


Lloyd Warr
Patrol Officer.

NABAG PATROL REPORT No. 4 of 1965/66

NARANJUNGI CENSUS DIVISION.

Appendix C.

Situation

Eight Muzummi children have now been accepted to attend the Nabag Primary T School this year.

All three missions in the area, Lutheran, Catholic and Seventh Day Adventists, conduct numerous pidgin and vernacular schools throughout the census division but their teachings cover mainly religious aspects.


.....
Lloyd Hart
Patrol Officer.

KARAWINI CONSTITUTION DIVISION

Appendix B.

Report on Members of the Royal Papuan and New Guinea Constabulary with Patrol.

8836	Senior Const.	GAMWI	An efficient and active h.C.O. Good command.
8256	Const.	WUSAI	A very good worker. Recommend promotion.
8538	Const.	LEIRA	A quite but responsible and efficient worker.
8532	Const.	SINANGI	A tireless worker but a inclined to be head strong.
9343	Const.	DRETIOPAI	An average policeman, inclined to be a little childish.
1140	T/Const. Baglar	KAKAPAI	Young and inexperienced useless on patrol.


.....
Lloyd Warr
Patrol Officer.

07-14-12

5th April, 1966.

District Commissioner,
Western Highlands District,
PORT MORTON.

NABAS PATROL REPORT NO. 5/1965-66.

Receipt is acknowledged with thanks of a
patrol report by Mr. Thomas, covered by your memorandum
WHD546 of 22nd March, 1966.

2. As Mr. Thomas has since resigned from the
Administration, comment on this report is unnecessary.

(J.K. McCarthy)
MANAGER.

67.14.12⁸

WD 546



Western Highlands District,
KORORUA.

22nd March, 1966.

The Assistant District Commissioner,
Sub-District Office,
VAIAGI.

Makor Patrol Report No. 5-65/66

Your 67-1-1 of 9th March, 1966 refers.

As Mr. Thomas has since resigned from the Administration,
comment on the report is unnecessary.

Camping claims are being processed for payment.

(T. W. ELLIS)
District Commissioner.

cc.
Director,
Department of District Administration,
KORORUA.

One copy of report and two copies of census figures
forwarded for your information.

T. W. Ellis
(T. W. ELLIS)
District Commissioner.

TERRITORY OF PAPUA AND NEW GUINEA

Patrol report No.5 Wabag 1965/66

Patrol conducted by M. R. THOMAS C.P.O.
Area patrolled Wabag Census Division
Patrol accompanied by 3 Police
1 Interpreter
Duration of patrol 9 Days (Broken Period)
24/1/66 to 4/2/66
Object of patrol Routine Census Revision


.....
(M. R. THOMAS) C.P.O.

DIARY

Monday 24th. January 1966

Patrol commenced from Wabag. Police and cargo despatched to Birip by tractor at 0900 hrs., and myself and Mr. H. Wetsel, Lands Titles Officer, followed by L.R. at approx. 1100 hrs., reaching Birip at 1130 hrs. At Birip we recruited carriers for the steep climb to Wainaramanda our destination. Left Birip at 1300 hrs. and reached Wainaramanda R.H. at 1405 hrs; the R.H. was in good condition, and we bought ample food with salt. I sat in on land dispute talks Mr. Wetsel had with the locals.

Tuesday 25th.

P.O. Glover arrived from Wabag at 1100 hrs. to assist Mr. Wetsel in his land adjudications. Walked around the locality to orientate myself. Stayed overnight at Wainaramanda again.

Wednesday 26th.

Left Wainaramanda with P.O. Glover at 0830 hrs. for the walk back to Birip, where P.O. Glover had to adjudicate in a land dispute. Slept overnight at Birip R.H. which was in good condition.

Thursday 27th.

Left Birip at 0800 hrs. with P.O. Glover, for Iai, approx. 30 minutes walk along the Hagen-Wabag road. Conducted a Census under the guidance of P.O. Glover. Good attendance. Stayed overnight at Iai R.H., which was in good condition.

Friday 28th.

Spent the morning compiling the statistics from the previous days Census. At 1500 hrs. left Iai by L.R. for WABAG.

Tuesday 1st. February

Set off on next stage of Census Patrol. Left Wabag at 0930 hrs. for Yogamanda. Conducted Census and compiled the statistics. Good attendance. R.H. and surrounds in good repair.

Wednesday 2nd.

Recruited carriers and set off for Lenki, on the Hagen-Wabag road. The R.H. and Police House in poor condition,

DIARY CONTD.

No doubt due to the fact that they are so little used, being so close to the major road and to Mabag. Had the faults rectified.

Thursday 3rd.

Conducted the Census at Lenki. Attendance fair. Recruited carriers for the walk to Irelya tomorrow. Compiled the statistics for the day's Census. Slept the night at Lenki again.

Friday 4th.

3 of the 24 carriers recruited by Const. Terope the previous day failed to present themselves on time; set off for Irelya at 0800 hrs., arriving after a walk of half an hour. The people were only just beginning to arrive for the Census. Commenced at approx. 1030 hrs., and was finished by 1230 hrs; attendance good for all lines except one. Set off for the walk back to Mabag at 1430 hrs. after having had lunch at Councillor Timu's house. Arrived back in Mabag at 1530 hrs. The patrol was now complete.

INTRODUCTION

The main purpose of this patrol was to carry out the Census revision, a routine matter. As this was my first patrol, I went out initially for three days with Mr. H. Wetzel, Lands Titles Officer, and Mr. R. Glover, Patrol Officer, listening into their talks dealing with land adjudication problems. The first Census, at, Imi, was conducted by Mr. Glover, and I was able to learn enough from him to conduct the remaining Censuses by myself.

NATIVE AFFAIRS

All groups involved in this Census live fairly close to Wabag, and close to the major Hagen-Wabag road. Consequently they have been under continuous Administration influence for some considerable time. They knew what to expect at a Census, and so the proceedings went off smoothly. Attendance in most cases was good, although many men and children were away working, or were at school.

There seems to be an overpresent problem concerning land ownership in this area. I myself did not deal with any of these and related problems, leaving them to the more experienced Mr. Glover and Mr. Wetzel.

ROADS AND BRIDGES

The major road between Mt. Hagen and Wabag is in good condition, and seems able to support heavy traffic even in the wettest weather. The people look after the roads well, because they realise their importance, and the benefits they bring to an area. In this area we are fortunate in having a good supply of rock and gravel from the bed of the River Lai and its tributaries.

The bridges were in a satisfactory state of repair, although the metal traction strips were coming adrift in places. These strips were subsequently nailed down.

5

REST HOUSES

These have been kept in good condition, generally, although both the Rest and Police Houses at Louki left much to be desired. They are now in a better condition after being repaired. There is, however, some excuse for the people in letting these facilities fall into disrepair, for they are so close to Mabag, and to the main road, that they are virtually never used.

CONCLUSION

This was a routine patrol, the aims of which were well known to the people, and consequently there were no problems of note. An analysis of the Census figures follows.

CENSUS AND STATISTICS.

The primary object of this patrol was the revision of the Census figures in the Wabag Census Division. The people seemed to know exactly what was wanted of them, and consequently the proceedings progressed smoothly.

An analysis of the figures follows:-

BIRTHS.

There were a total of 662 births recorded, 348 male and 314 female, thus giving a figure of 110.7% for masculinity at birth. The birth rate was 6.8%.

92 women were recorded as being pregnant, but these were obvious cases, and there were probably many more.

DEATHS.

Of the 266 deaths recorded, the majority occurred in the over 13 group, there being most deaths in the "aged" classification. Although deaths in the 1-4 and 5-8 categories are small compared with the over 13, they are still significantly large. The infant mortality rate was very low, being the same as the neo-natal mortality rate of 3 per thousand births.

MIGRATIONS.

There was a net migration figure of 51, but this disguises the amount of migration that actually occurred; however, most of the migration was internal to the Census Division, and so is of little statistical significance. The female migration figure by far outnumbers the male, for the women move when they are married or divorced, whilst the men remain in the one place.

ADMINISTRATIVE.

The continuity of Administration influence, and the proximity of the Hagen-Wabag Road, is reflected in the

number of people, especially males, who are either getting work, both inside and outside the district, or are going to some form of school. By far the most common reason for absenteeism at the Census was either "work" or "school".

CONCLUSION.

The number of births exceeded the number of deaths by 396, giving a crude rate of natural increase of 40.1 per thousand. Rate of total increase (taking account of net migration) is 46.3 per thousand.

TERRITORY OF PAPUA AND NEW GUINEA.

Patrol report No. 5 Wabag 1965/66

APPENDIX A

REPORT ON POLICE ACCOMPANYING THE PATROL.

4186 Senior Constable	TALAT	Very quiet and unassuming, but nevertheless efficient. His age has given him experience which proved valuable on the patrol.
11052 Constable	TOROPI	Conduct, bearing, and efficiency good. He shows promise.
8532 Constable	SIMANGI	Conduct good; has the ability to get things done quickly.

The Police worked well at all times, and their collective experience proved invaluable in enhancing my own inexperience.

M. R. Thomas
.....
(M.R. Thomas C.P.O.)



TERRITORY OF PAPUA AND NEW GUINEA

PATROL REPORT

District of WESTERN HIGHLANDS Report No. 6, 1965/66.

Patrol Conducted by P.J. WALFHE CPO

Area Patrolled UPPER LAI + LAI M'WATERS CENSUS DIVISION, ALSO WABAG C/D (PART ONLY)

Patrol Accompanied by Europeans NIL

Natives 6 MEMBERS R. PANG C., 1 PATROL INTERPRETER, 1 N.M.O.

Duration—From 31/3/1966 to 20/6/1966

Number of Days 75 (INCLUDING BROKEN PERIOD FOR SUPREME COURT)

Did Medical Assistant Accompany? NO N.M.O. ONLY

Last Patrol to Area by—District Services / / 19

Medical / / 1

Map Reference WABAG FOURNAL SERIES

Objects of Patrol 1. CENSUS REVISION 2. ROAD MAINTENANCE 3. PROPAGANDA WORK RE PYRETRUM AND N.L.G. ELECTIONS 4. TAKING OF NOMINATIONS FOR ELECTIONS 5. EDUCATIONAL VISITS RE TERRITORY CENSUS 6. GENERAL ADMINISTRATION

Director of Native Affairs,
PORT MORESBY.

Forwarded, please.

/ / 19

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

.....

.....

67-14-19

26th September, 1966.

District Commissioner,
Eastern Highlands District,
MT. SAGRE.

VANAG PATROL REPORT NO. 1/1966-67

Receipt of Mr. Walsh's Patrol Report covered by your memorandum WPD556 of 1st August 1966 and Mr. Hoek's memorandum 67-1-1 of 29th July 1966 is acknowledged with thanks.

2. Mr. Walsh seems to have completed successfully a large amount of necessary road work during this patrol. His report is lengthy and interesting and illustrates his competence.

(J.K. McCarthy)
DIRECTOR.

67. 14 19 (23)



TERRITORY OF PAPUA AND NEW GUINEA



Telegram _____
Our Reference WHD556
If calling ask for _____
Mr _____

Department of District Administration,
MOUNT HAGEN. W.H.D.

1st August, 1966.

The Director,
Department of District Administration,
KONEDOBU.

WABAG PATROL REPORT No. 6/1965-6
LAI HEADWATERS, UPPER LAI & PART WABAG CENSUS DIVISION
Mr. P. Walsh, C.P.O.

Abovementioned report with covering memorandum from the Assistant District Commissioner, Wabag, attached, refers.

Although the recent Pyrethrum Conference held by the Agricultural Department showed that there would not be a general increase in the price of \$0.15 per pound of pyrethrum flowers, as this was the price agreed to by the administration as a minimum for a certain pyrethrum content, it did prove that there were many ways by which the return to the grower could be increased:

- (i) picking of the flowers at the correct stage;
- (ii) improved baling;
- (iii) more regular purchasing;
- (iv) more rapid movement to the factory.

All of which would increase the pyrethrum content and possibility of price increase to the equivalent of \$0.22 per pound of flowers. Other points which would reduce the work involved and increase the price per man hour of labour would be closer planting, less weed control and concentrated garden areas. All these points are to be the subject of agricultural surveys by the Department in the near future which should result in an improvement in return for less work to the grower.

The alternative route from Kubalia to Tambitania will be subjected to a feasibility survey by the Assistant District Commissioner, Wabag, and actual road survey by Department of Public Works before anything is done. The construction of another marginal road route would serve no purpose.

The period of 32 months between censuses is too long. Despite the Territory Census there is a continuing need for the local census, especially so at this time when the Common Roll will have to be rewritten.

Mr. Walsh has completed successfully a great amount of necessary work during this patrol and is to be congratulated.

For your information and comment, please.

T.W. Ellis
(T.W. ELLIS)
District Commissioner

c.c. A.D.C. Wabag.
c.c. Mr. P. Walsh, Wabag.

ROB:JW

22

WHD556

WABAG WABAG W.H.D.

1st August, 1966.

The Director,
Department of District Administration,
KOMBODOU.

WABAG PATROL REPORT No. 6/1965-6
LAI HEADWATERS, UPPER LAI & PART WABAG CENSUS DIVISION
Mr. P. Walsh, C.P.O.

Above-mentioned report with covering memorandum from the Assistant District Commissioner, Wabag, attached, refers.

Although the recent Pyrethrum Conference held by the Agricultural Department showed that there would not be a general increase in the price of \$0.15 per pound of pyrethrum flowers, as this was the price agreed to by the administration as a minimum for a certain pyrethrum content, it did prove that there were many ways by which the return to the grower could be increased:

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The alternative route from Kambalis to Yambitanis will be subjected to a feasibility survey by the Assistant District Commissioner, Wabag, and actual road survey by Department of Public Works before anything is done. The construction of another marginal road route could serve no purpose.

The period of 12 months between censuses is too long. Despite the Territory Census there is a continuing need for the local census, especially so at this time when the Common Roll will have to be rewritten.

Mr. Walsh has completed successfully a great amount of necessary work during this patrol and is to be congratulated.

For your information and comment, please.

S.W. Ellis
S. W. ELLIS
District Commissioner

c.c. A.D.C. Wabag.
c.c. Mr. P. Walsh, Wabag.

67-1-1

Sub/District Office,
Western Highlands District,
MABAG.

25th July, 1966.

The District Commissioner,
Department of District Administration,
MABAG.

Mabag Patrol No. 6 of 1965/66 (Inner Is) and Isi
Headquarters Census Division by P. J. Walsh C.P.O.

Attached please find the above-mentioned Patrol Report in triplicate, together with spare copies of Appendices on Health, Agriculture and Education for distribution to District departmental heads, please. Claim for Camping Allowance is also attached, for your signature and payment, please.

Mr. Walsh has submitted a good report on a patrol well carried out.

It is hoped, that with the advent of a multi-racial Council at the next Elections, the attitude of the village people towards their respective elected Councillors will alter, as it is hoped that the newly elected Councillors themselves, will prove more enthusiastic than they are at present.

As has been mentioned often before, the Mabag people are not enthusiastic about pyrethrum production, as the price currently being paid for this crop, is too low to compete with the price paid for European vegetables, and too low to encourage the local people to turn over land, currently being used as food gardens, to pyrethrum planting. Until the price is raised substantially, I do not consider that pyrethrum will flourish generally as a cash crop, once the current Agricultural 'push' is over. It will however continue to be popular in the high altitude areas near SIRUNKI, where there is no alternative crop and where ample land is available.

Mr. Walsh has done an extremely good job on repairing the necessary sections of the Mabag to Laiaga road. It was far from being an easy assignment and due to the constant landslides, was often very disheartening. Due to his efforts, the road is now in very good repair.

The alternative route for the road from KUBALE to TAMBITANIS, a distance of some 8 miles, as recommended by Mr. Walsh, is to be inspected by myself and Mr. Walsh, by helicopter before anything definite is decided on whether or not to construct same. If it is found suitable, \$5,000 will be required to pay local people to construct this road. If the grassy flats at SIRUNKI are to be opened up in future to cattle or tea growing, such road work is essential, as the present road becomes impassable every wet season.

Mr. Walsh is proving to be a keen young officer who does not spare any efforts to carry out his field work efficiently and well. His energetic efforts and their results during this patrol, are a credit to him.

The delay in submitting this report is regretted but is due to the recent extra census duties.


(P. J. WALSH)
ASSISTANT DISTRICT COMMISSIONER.

C.C. Mr. P. J. Walsh, C.P.O.,
MABAG.

(20)

TERRITORY OF PAPUA AND NEW GUINEA.

WABAG PATROL No. 6 1965/66

PATROL PERSONNEL:

EUROPEANS

P.J. WALSHE C.P.O.

NATIVE

Sen. Const. TALAT

Constables MUSUA

KARINA

GARIMA

TORUPI

SIMANGI

Interpreter PANAPEN

N.M.O. KIMALA

AREA PATROLLED

UPPER LAI CENSUS DIVISION
LAI HEADWATERS CENSUS DIVISION
WABAG CENSUS DIVISION (Part)

DURATION OF PATROL:

31st March ---- 21st April, 1966

28th April ---- 20th June, 1966

(Broken period for Supreme Court
interpreting at Wabag)
75 days

OBJECTS OF PATROL:

1. Census Revision
2. Road Maintenance Work
3. Propaganda Work re N.L.G.C. Election
and Pyrethrum planting
4. Taking of Nominations for N.L.G.C. Elections
5. Educational visits to sample Villages
included in Territory Census.
6. General Administration

MAP REFERENCE:

Wabag Fourmil Series.

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TERRITORY OF PAPUA AND NEW GUINEA

67-1-1
Sub District Office,
WABAG
Western Highlands
District

22nd June, 1966.

The Assistant District Commissioner,
WABAG

WABAG PATROL No. 6 1965/66

Attached please find the following:

1. My report for the above patrol.
2. Five (5) copies of the Census statistics for the Lai,
3. Leadwaters and Upper Lai Census Divisions.
3. Appendices covering Health, Education, Agriculture and
report on accompanying members of the R.P.&N.G.C.
4. Four (4) copies of patrol map.
5. My claim for camping allowance.

For your information,


(P.J. VALERE)
CADST PATROL OFFICER

(18)

TERRITORY OF PAPUA AND NEW GUINEA.

File: 67-1-1

Sub District Office,
WABAG,
Western Highlands District.

30th March, 1966.

Mr. P. Walshe.
Cadet Patrol Officer.
Sub District Office,
WABAG.

Patrol Instructions - Wabag Patrol No. 6 of 1965/66.

As previously discussed with you, please prepare to depart on the abovementioned patrol on Friday 1st April, 1966. You will proceed by truck, with your patrol personnel, to AIPANDA resthouse from where your patrol is to commence.

The main objects of the patrol are-

1. Census revision, using the Tax Census Sheets.
2. Supervise road maintenance work and repair bridges etc. where necessary. Ensure that you pay for any work done by the Village people, as soon as it is completed. You will have a three-ton truck under your supervision during the patrol, ensure that this vehicle is used fully, full time, in road gravelling work as far as the Sub District boundary.
3. Carry out general Local Government Council propaganda work, especially with regard to preparing the people for the forthcoming elections in April, 1966. Impress on them the need to nominate and vote for keen and active men as Councillors. Nominations will open in the next few weeks.
4. Spread propaganda with regard to pyrethrum planting. Explain to the local people, that the future economic progress of people living in high altitudes of New Guinea, depends on the current success of pyrethrum as a cash crop.
5. Attend to any other matter of general administration that may arise in the course of the patrol. This includes the settling of minor disputes etc. if you can do so. Any serious offences are to be investigated and if there are grounds for complaint, they are to be sent in to Wabag for court action.
6. You will be accompanied by three Constables under the control of Senior Constable TALAT, Interpreter ~~XXXX~~ PANAPEX, an N.M.O. and Agricultural Field Worker. Please ensure that you include appendices on Health, Agriculture and Education with your report, with sufficient spare copies for distribution to Sub District and District representatives of these departments.


(D. J. Hook)

Assistant District Commissioner.

⑦



TERRITORY OF PAPUA AND NEW GUINEA

Telegram

Telephone 14-1-1

Our Reference 67-1-1

If calling ask for

No.

Sub/District Office,
Western Highlands District,
WABAG.

13th May, 1966.

Mr. P. Walshe,
Sub/District Office,
WABAG.

Supplementary Patrol Instructions Wabag Patrol
No. 6 of 1965/66.

Further to my instructions to you of 30th March, 1966, please include the following duty in your current patrol.


1. Carry out educational visits to the following sample villages with respect to the forthcoming Territory Census.

YEWELDEN GIA ANDARI
KISO
KONDOGAN
LAGIP
MAMILAN
PALAGA

The attached Census Form 8 describes clearly what is required. Birth Data Cards (Form 58) will be forwarded yours for distribution once they come to hand. These are only to be handed out to members of the sample villages listed above, and only if the local missions agree to co-operate. This they will be only too happy to do, I feel sure, if you impress on them the value of having as much accurate information as possible gained from the census.

In an area such as the upper Lai Census Division where there are no villages, people of the sample group should be told to gather at their respective census points, as for the normal DDA Census on the normal Clan basis.

During the patrol ask the people, and make a list of notable events in the area, and attempt by checking with the missions or this office's files, to establish the date of same. This list can then be given to the Collection teams for their information.


(D. J. HOOK)
ASSISTANT DISTRICT COMMISSIONER.

TERRITORY OF PAPUA AND NEW GUINEA

67-1-1
Sub-District Office,
WABAG
Western Highlands District,
22nd June, 1966.

The Assistant District Commissioner,
WABAG.

WABAG PATROL REPORT No. 6 1965/66

PATROL DIARY

Herewith is the diary for the above report. For further details, please refer to my Field Officer's Journal, folios 48 to 59, paragraphs 452 to 532.

.....

31st March 1966

At Wabag until 1500 hours then departed for AIPANTA R/H per 3 ton tipper. Flag downed at 1800 hours. Slept AIPANTA.

1st April 1966

At AIPANTA. From 0800 hours till 1430 hours supervised road maintenance on the WABAG LAIAGAM road. Flag downed at 1800 hours. Slept AIPANTA.

2nd April 1966

At AIPANTA. Discussions with Councillors re road maintenance work. Flag downed at 1800 hours. Slept AIPANTA.

3rd April 1966

At AIPANTA. Sunday.

4th April 1966

At AIPANTA. Census revision from 0800 hours until 1500 hours. Flag downed at 1800 hours. Slept AIPANTA.

5th April 1966

At AIPANTA. Census revision from 0800 hours till 1730 hours. Flag lowered at 1800 hours. Slept AIPANTA.

6th April 1966

At AIPANTA until 0930 hours then departed for LAGARAM R/H per 3 ton tipper. From 1130 hours until 1500 hours census revision of the LAGARAM groups. Compiled census statistics. Flag lowered at 1800 hours. Slept LAGARAM.

7th April 1966

At LAGARAM. Until 1030 hours compiled census statistics. Then departed for Wabag. Slept Wabag.

8th --- 13th April 1966

Easter Break at Wabag.

14th April 1966

At WABAG until 0800 hours. Then departed for KUBALIS R/H per 3 ton tipper. Had discussions with Councillors re construction of new Rest House and road maintenance work. Supervised Road maintenance work from 1300 till 1700. Flag lowered at 1800. Slept KUBALIS.

15th April 1966

At KUBALIS. Census revision of KISANDA and ISANDA s/clans.

PATROL DIARY

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WABAG PATROL REPORT No. 6 1965/6615th April 1966

From 1530 hours until 1800 hours compiled Census statistics.
Flag lowered at 1800 hours. Slept KUBALIS

16th April 1966

At KUBALIS. Census revision of KARABOYA S/clans. During
afternoon compiled census statistics. Flag lowered at
1800 hours. Slept KUBALIS.

17th April 1966

At KUBALIS. Sunday. Slept KUBALIS

18th April 1966

At KUBALIS. From 0800 hours until 1130 hours supervised
replacing of bearer in LAI River bridge. 1200 until 1730
hours supervised road maintenance work between LAGARAM
and AIPANTA R/houses. Flag lowered at 1800 hours. Slept
KUBALIS.

19th April 1966

At KUBALIS. From 0800 hours until 1730 hours supervised road
maintenance work between KUBALIS and TAMBITANAS. Flag
lowered at 1800 hours. Slept KUBALIS.

20th April 1966

At KUBALIS. Worked on Village Population Register forms.
Flag lowered at 1800 hours. Slept KUBALIS.

21st---27th April 1966

Interpreting in SUPREME COURT sittings at WABAG.

28th April 1966

Departed for KUBALIS R/H at 1130 hours. From 1300 hours
until 1700 hours inspected progress of road maintenance
work between LAGARAM and AIPANTA. Flag lowered 1800 hours.
Slept KUBALIS.

29th April 1966

At KUBALIS. Acquitted contingencies for road maintenance
payments. Flag lowered at 1800 hours. Slept KUBALIS.

30th April 1966

At KUBALIS. Inspected progress of road maintenance work near
TAMBITANAS. Flag lowered 1800 hours. Slept KUBALIS.

1st May 1966

At KUBALIS until 1000 hours then departed for NANDI R/H.
Flag lowered at 1800 hours. Slept NANDI.

2nd May 1966

At NANDI. Census revision of KARA and KAMBUN S/clans.
Flag lowered at 1800 hours. Slept NANDI.

3rd May 1966

At NANDI. Census revision of LANGAP and MUBA S/clans.
At 1200 hours departed for SOPAS R/H. During afternoon
compiled census statistics. Flag lowered at 1800 hours.
Slept SOPAS.

4th May 1966

At SOPAS. Census revision of IEGAIP, PASIALA and LYEIM-MIANO
S/clans. Compiled census statistics. Flag lowered at 1800
hours. Slept SOPAS.

5th May 1966

At SOPAS until 0900 hours and then departed for KIWI R/H.
From 1100 hours until 1600 hours census revision of TOROM,
MERAIM, MAI, MALIPINI-NAT and MALIPINI-KAMANAWAN (NAT) S/clans.
Flag lowered at 1800 hours. Slept KIWI.

6th May 1966

At KIWI. Compiled census statistics. Flag lowered at 1800
hours. Slept KIWI.

7th May 1966

At KIWI. Compiled census statistics. Flag lowered at 1800
hours. Slept KIWI.

8th May 1966

At KIWI. Sunday

9th May 1966

At KIWI until 0730 hours then departed for KAMAS R/H. Census
revision of IMAP, DIALYA, NEMINA, PIANDA, TAMAGALI and
MANDAK S/clans. Flag lowered at 1800 hours. Slept KAMAS.

PATROL DIARY

WABAG PATROL REPORT No. 6 1965/66.

- 10th May 1966
At KAMAS. Census revision of KARA S/clans from SARI and the KARA S/clans from AMARA. Flag lowered at 1800 hours. Slept KAMAS.
- 11th May 1966
At KAMAS. Supervised repairing of bridge at TUPA Creek. Flag lowered at 1800 hours. Slept KAMAS.
- 12th May 1966
At KAMAS until 0800 hours then departed for TEREMANDA R/H. Census revision of PALAGA, KONDAGA, YANGAREOP, KISO, ANDARI, MAMALI and LAGIP S/clans until 1500 hours. Flag lowered at 1800 hours. Slept TEREMANDA.
- 13th May 1966
At TEREMANDA until 1030 hours then departed for KAIAP R/H. Compiled census statistics until 1800 hours. Flag lowered at 1800 hours. Slept KAIAP.
- 14th May 1966
At KAIAP. Compiled census statistics. Flag lowered at 1800 hours. Slept KAIAP.
- 15th May 1966
At KAIAP. Worked on preparing Village Population Register Sheets. Slept KAIAP.
- 16th May 1966
At KAIAP. Census revision of WANE, KEGEN, KOGORP and YABAKON S/clans. During afternoon compiled census statistics. Flag lowered 1800 hours. Slept KAIAP.
- 17th May 1966
At KAIAP. Census revision of KUMBIN and KAIMANGOR S/clans. During afternoon compiled census statistics. Flag lowered at 1800 hours. Slept KAIAP.
- 18th May 1966
At KAIAP. Departed for TEREMANDA with interpreter for educational visit re forthcoming Territory Census. Handed out Birth Date Cards. Returned to KAIAP 1300 hours. Worked on preparing Village Register Sheets. Flag lowered at 1800 hours. Slept KAIAP.
- 19th May 1966
At KAIAP. Worked on Village Population Register sheets. Flag lowered at 1800 hours. Slept KAIAP.
- 20th May 1966
At KAIAP. Prepared Village Population Register sheets. Flag lowered at 1800 hours. Slept KAIAP.
- 21st May 1966
At KAIAP. Continued work on preparing Village Population Register sheets. Flag lowered at 1800 hours. Slept KAIAP.
- 22nd May 1966
At KAIAP. Sunday.
- 23rd May 1966
At KAIAP until 0800 hours, then departed for LAGARAM R/H per 3 ton tipper and B.S.A. Bike. From 1200 hours until 1700 hours supervised road maintenance work at ENAMBO Creek. Flag lowered at 1800 hours. Slept LAGARAM.
- 24th May 1966
At LAGARAM. From 0800 hours until 1400 hours supervised work at ROA Creek. From 1430 hours until 1800 hours worked on Village Population Register sheets. Flag lowered at 1800 hours. Slept LAGARAM.
- 25th May 1966
At LAGARAM. Completed Village Population Register sheets. Flag lowered at 1800 hours. Slept LAGARAM.
- 26th May 1966
At LAGARAM. From 0800 hours to 1530 hours supervised road maintenance work near ROA Creek. Flag lowered at 1800 hours. Slept LAGARAM.
- 27th May 1966
At LAGARAM. From 0800 hours until 1600 hours supervised work in laying culverts at NUMA and INJO Creeks. Flag lowered at 1800 hours. Slept LAGARAM.
- 28th May 1966
At LAGARAM. Began work on patrol report draft. Flag lowered at 1800 hours. Slept LAGARAM.
- 29th May 1966
At LAGARAM. Sunday.

PATROL DIARY

WABAG PATROL REPORT No. 6, 1965/66.

30th May 1966

At LAGARAM. From 0800 hours until 1630 hours supervised general road maintenance work. Flag lowered at 1800 hours. Slept LAGARAM.

31st May 1966

At LAGARAM. From 0800 hours until 1430 hours supervised road maintenance work near ROA Creek. Flag lowered at 1800 hours. Slept LAGARAM.

1st June, 1966

At LAGARAM. Supervised road maintenance work near WUNANK Creek. From 0830 hours until 1630 hours. Flag lowered at 1800 hours. Slept LAGARAM.

2nd June, 1966

At LAGARAM. Supervised work at TAMBITANAS.

3rd June 1966

At LAGARAM. From 0830 hours until 1030 hours supervised general road maintenance at WUNANK Creek. Flag lowered at 1800 hours. Slept LAGARAM.

4th June, 1966

At LAGARAM. Worked on patrol report draft. Flag lowered at 1800 hours. Slept LAGARAM.

5th June, 1966

At LAGARAM. Sunday.

6th June, 1966

At LAGARAM. Supervised road maintenance work at WUNANK Creek. At 1100 hours accompanied Mr A.P.C. HOOK on an inspection of road maintenance carried out to date. Flag lowered at 1800 hours. Slept LAGARAM.

7th June, 1966

At LAGARAM. From 0800 hours until 1730 hours supervised maintenance approaches to the ENAMBO Creek bridge. Flag lowered at 1800 hours. Slept LAGARAM.

8th June, 1966

At LAGARAM. Supervised laying of culvert at KUMBAN Creek. Flag lowered at 1800 hours. Slept LAGARAM.

9th June, 1966

At LAGARAM until 0800 hours then patrol departed for BIRIP. Headed camp. Flag lowered at 1800 hours.

10th June, 1966

At BIRIP. Educational talks re forthcoming Territory census to the different S/clans involved. Flag lowered at 1800 hours. Slept BIRIP.

11th June, 1966

At BIRIP until 0830 hours then departed for IMI R/H. Educational talks to 2 S/clans involved in forthcoming Territory census. At 1300 hours departed with Interpreter per motorbike for YOGOMANDA R/H to give educational talk re forthcoming Territory census. Returned to IMI at 1600 hours. Flag lowered at 1800 hours. Slept IMI

12th June, 1966

At IMI. Sunday.

13th June, 1966

At IMI until 0730 hours then departed for LENGI R/H. Observance of Queen's Birthday Public Holiday. Flag lowered at 1800 hours. Slept LENGI.

14th June, 1966

At LENGI until 0900 hours then departed for AIPANTA to inspect road maintenance work. Returned to LENGI at 1400 hours. Began work on typing patrol report. Flag lowered at 1800 hours. Slept LENGI.

15th June, 1966

At LENGI. Began work in constructing culvert to be put in at AP Creek. Returned to R/H at 1700 hours. Flag lowered at 1800 hours. Slept LENGI.

16th June, 1966

At LENGI. Continued work on culvert at AP Creek. Flag lowered at 1800 hours. Slept LENGI.

17th June, 1966

At LENGI. Continued work on culvert at AP Creek. Flag lowered at 1800 hours. Slept LENGI.

18th June, 1966

Worked on patrol report. Flag lowered 1800 hours. Slept IMI.

19th June, 1966

At IMI. Continued work on patrol report.

20th June, 1966

At IMI until 0930 hours, then departed for Wabag per 3 ton tipper.

67-1-1.
Sub-District Office,
WABAG.
Western Highlands District

22nd June, 1966.

The Assistant District Commissioner,
WABAG

WABAG PATROL REPORT NO. 6 1965/66.

UPPER LAI AND LAI HEADWATERS CENSUS DIVISION

Herewith is my report for the above patrol, conducted over the period from the 31st March to the 20th June, 1966. The patrol was conducted in the LAI HEADWATERS and UPPER LAI Census Divisions, from AIPANTA to TEREMANDA, with two weeks in the WABAG Census Division, spent in paying educational visits to sample villages involved in the forthcoming Territory Census.

All objects of the Patrol Instructions were carried out. The main objects of the Patrol were as follows:

1. Census Revision.
2. Road maintenance as necessary.
3. Local Government Council propaganda work re forthcoming Wabag h.L.G.C. Elections.
4. Propaganda work re Pyrethrum planting.
5. Taking of Nominations for forthcoming Council Elections.

Whilst on patrol, further instructions were received concerning educational visits to the sample villages involved in the Territory Census. These visits were to TEREMANDA, BIRIP, IMI and YOGOMANDA.

The patrol was accompanied by six (6) (two parttime) members of the Royal Papuan and New Guinea Constabulary, one Interpreter, one native Medical Orderly and a 3 ton International Tipper.

NATIVE AFFAIRS.

As this is my first patrol in the WABAG Sub-District, I can only attempt to give a general picture of Native Affairs as I saw it.

The patrol's receptions at the various rest houses in the two Census Divisions could not be called enthusiastic, when compared to the more colourful and friendly receptions seen by myself when patrolling in the Minj area. At no rest houses did the local people have firewood, vegetables, or native foods ready in anticipation of the patrol's arrival. Usually the Senior Constable accompanying the patrol had to speak to the Village Official before a supply of firewood etc would be forthcoming.

Economic development is behind that of the Minj and Hagen areas. And crops such as coffee, the main cash crop of the latter areas, is unable to flourish here, due to the altitude. The altitude of this area encourages the cash cropping of Pyrethrum. The local people however, appear to be indifferent as to whether Pyrethrum is a success as a cash crop in their economy.

This apparent attitude on the part of these people would appear to be governed by two factors: the current price being paid for the flower, and the part pigs play in the peoples' socio-economic life.

The first (and most important factor), I think is the current price being paid for pyrethrum. The current price of 1/6 per pound of flower yields less per acre to the people than an acre of European type crop i.e. cabbages, carrots or potatoes, when this latter crop is sold to Europeans in the area. The Wabag Peoples' whole outlook and attitude towards cash cropping appears to be governed by their shortage of land

At the current prices, before Pyrethrum can become a profitable cash crop, two or three acres of land has to be planted with pyrethrum. In the Wabag area, (where the amount of arable land per head of population is very low when compared to other areas), the success of a cash crop such as Pyrethrum would have to apparently depend upon an increase in payment for the flowers. An increase in plantings encroaching upon the amount of arable land available for subsistence agriculture would not be the best solution.

Thus from my observations, I think that the greatest incentive that could be offered to the people as a stimulant to a greater production of this cash crop would be an increase in payment per lb of flower. Pyrethrum, at the present time, has to compete with the production of European type vegetables, for which the LUTHERAN MISSION at WAPENAMANDA offers 3d a lb, far more attractive prices for a crop involving probably the same amount of work, but yielding more per acre than pyrethrum.

The second factor regards the importance which the local people tend to give to the part which pigs play in their socio-economic life. For instance, when one travels through this area, one sees large expanses of fallow kunai areas, left fallow for one reason only, that of pig grazing.

This factor was especially illustrated when I was carrying out propaganda work on pyrethrum planting. Many people said that they could not increase the acreage of land under pyrethrum; but when asked about the large areas of land left fallow, the standard reply was that this land was required for pig grazing now, and in the future. Thus, such an attitude would have to be overcome before cash cropping could be carried out on a larger scale.

However, many people from these two Census Divisions attended the official opening of the Pyrethrum Factory in Mount Hagen and as many had the chance to tour the factory, most were enthusiastic on their return to Wabag. Whether they will be able to pass their enthusiasm onto the other people is something that can only be seen in the future.

REST HOUSES

The condition of the eleven rest houses in the two Census Divisions, varied from poor to very good. At KUBALIS the people were assisted to construct a new Rest house as the previous one had been allowed to fall into disrepair. All rest houses are built to accommodate one officer comfortably; two officer patrols are therefore rather crowded affairs.

VILLAGE OFFICIALS

The majority of Councillors in the two Census Divisions were (my first opinion) not able to command the respect of the various sub clans which had elected them. It was found that when nominations were taken at the various centres, the old Councillor was in every case nominated thus lending support to the theory that the people are not unduly worried whether they elect an efficient man to this position. One thing that was noticeable when the people were nominating the candidates was that each respective sub clan put forward a candidate, probably on the basis of each sub clan voting for their candidate and nobody else. This attitude and understanding represents a major hindrance in many relatively new N.L.G.C. areas.

The forthcoming N.L.G.C. Elections in the Wabag Council area will be for a multi-racial Council, a principle which the locals tend to look upon as a good idea.

ROADS AND BRIDGES

Whilst on patrol, 50% of my time the field was spent on maintenance work on the WABAG - LAIAGAM particular road. Most of this work was carried out between KUBALIS and TAMBUKUS where the road is subject to landslides in seven areas and where the road surface had become very rough due to the lack of a camber. This maintenance work consisted of putting a camber on the road surface, laying culverts, repairing bridges and bridge houses and supervising the clearing of landslides.

BRIDGES

The majority of bridges on this stretch of road were found to be in fairly good condition.

Bridges repaired are as follows:

ROA Creek Here the bridge house was repaired.

WUNANK Creek The road was resited here and a new bridge constructed.

ENAMBO Creek Earlier this year, there was a major land slide here which moved down the small valley in which this creek is situated, covering completely the old bridge and a large section of the approaches to the bridge. This necessitated the resiting of the road as well as construction of a new bridge. This section of the road is situated in a large fault area which is continually subjected to major and minor landslides.

LAI RIVER Here a bearer was washed away and was replaced.

TUPA Creek This bridge was replaced with new and longer bearers due to erosion which threatened the existing bearers with collapse.

REI Creek Four new bearers were put in here.

CULVERTS

Three culverts were laid at INJO Creek, KUMBAN Creek, and NUNA Creek.

However the main work was spent on renewing the road surface between AIPANTA and TAMBITANAS, where the road surface was below the shoulders thus bringing about erosion of the road surface, after heavy rain. The camber was renewed and the drainage ditches on either side of the road were deepened to facilitate quick drainage after heavy rain. But if the people in the area do not maintain the road camber, this work will have been for nothing.

Landslides are a big problem in the AIPANTA, LAGARAM and KUBALIS areas after heavy rain. In the first named area, there is one spot on the eastern side of the RAMA River bridge where the hillside above the road is continually sliding, and when a slide occurs, it usually results in a portion of the road immediately above the river being broken away. This problem cannot be effectively solved as the whole hillside is of very poor soils.

On the road immediately west of KUBALIS there is a fault area very similar to that at ENAMBO Creek, described above. Here, whenever there is a slide the road surface subsides to about 18 inches below the usual surface. As this is most probably an extension of the fault at ENAMBO Creek, there is very little that can be done to prevent continual landslides.

Whilst at LAGARAM, I attempted to find a route for a road which would travel from KUBALIS to TAMBITANAS via KUREARAM along the ridge tops immediately north of the existing road thus bypassing the trouble spots listed above. This would be a far better route in that there would be fewer bridges to maintain and that it would bypass the areas which are subject to continual landslides during the rainy season. This route travels through bush country, and the soils seen by self would make very good road foundations. The soil type consists only of a red clay, although there would be a difficulty in bypassing one small area of rock near KUBALIS without explosives.

In conclusion the WABAG - LAIAGAM Road, if resited, would probably be a good all weather road, now, it is subject in many areas to landslides during the wet, but if it was resited along the ridge tops it would bypass the ever-present problem of landslides during the wet. There are no Mission stations on this section of road which would be affected should the road be resited.

EUROPEANS

In the Census Divisions, extending from TAMBITANAS to the Government Station at Wabag, there are four Mission stations staffed by Europeans, As well

there is a sole representative of the Jehovah Witnesses, who has a small trade store at KUBALIS as well as TEREMANDA. In the area patrolled, there are no Europeans engaged in private enterprise.

Missions

As stated above, there are four Missions in the area, staffed by Europeans. These are: The Seventh Day Adventist Mission at TEREMANDA; the Roman Catholic Mission at SARI; the Seventh Day Adventist Mission hospital at SOPAS and the Lutheran Mission at WARAMANDA.

All of these Missions have facilities for both education and treatment of sicknesses, as well as facilities for worship for their followers.

All Mission groups appear to be working reasonably harmoniously together.

LAW AND JUSTICE

During the patrol very few disputes were brought before me for mediation or arbitration, as a means of settlement. No more than three petty disputes concerning marriage payments were settled by me. However, six cases of offences punishable under the N.A.R.s were brought to my notice. These cases were sent to Wabag for hearing in the Local Court. They were 4 cases of failure to attend Census, 1 assault, and a case of a man having failed to take his child to an Aid Post to receive medical treatment for sores which covered the child's body. After 4 weeks this child a female, is still receiving medical treatment at the KAIAP Aid Post.

CENSUS STATISTICS

LAI HEADWATERS CENSUS DIVISION

In the 32 months since the last D.D.A. Census (Wabag Patrol, No. 5 of 1962/63) there has been a decrease of 358. This decrease was brought about by a migration out of some 500 people into LAIAGAM Council area from this Census Division.

Of the 17 groups in this Census Division, 9 showed an increase over the 32 months and 8 showed a decrease over the 32 months due to migrations out to Laiagam. The new total is made up of 1209 males and 1151 females making a grand total of 2360. There were 107 absentees who were either hospitalised or who were visiting in other areas at the time of the census. 230 people were also absent, either at school or at work within the District or on the coast. 120 of these were at work, 88 outside the district and 32 within. Of those at school, there were 92 males and 18 females.

Following are the statistics for this Census Division.

<u>INCREASE:</u>	<u>BIRTHS:</u>	M	F	<u>DECREASE:</u>	<u>DEATHS:</u>	M	F
		102	108			31	36
	<u>MIGRATIONS IN:</u>	11	54		<u>MIGRATIONS OUT:</u>	257	309
		113	162			288	345
		225				633	

UPPER LAI CENSUS DIVISION

Since the last census (32 months previously) there has been an increase of 684 in this Census Division. At the time of the census there were 24 absentees who were visiting other areas or hospitalised at the time of the census. There were 257 males working in the district at the time of the census as well as 8 females. There were 166 males working outside the District.

Of school students there were 478 males and 166 females.

Of the 43 groups in this Census Division, 37 groups showed an increase, 5 a decrease, and 1 remained static over this period.

Following are the statistics for this Census Division.

<u>INCREASE:</u>	<u>BIRTHS:</u>	<u>M</u>	<u>F</u>	<u>DECREASE:</u>	<u>DEATHS:</u>	<u>M</u>	<u>F</u>
		543	562			137	161
	<u>MIGRATIONS IN:</u>	<u>56</u>	<u>270</u>	<u>MIGRATIONS OUT:</u>	<u>100</u>	<u>349</u>	
		599	832		237	510	
	Total	<u>1431</u>			<u>747</u>		

CONCLUSION

The general native situation in the area patrolled was found to be fair with no troubles between the local peoples or Europeans in the area being noted.


(P.J. WALSH)
CADET PATROL OFFICER

APPENDIX "A"

AGRICULTURE

The agricultural system practised in the area patrolled is essentially one of subsistence agriculture. The main subsistence crops cultivated are sweet potato, banana, maize, sugar cane and taro in some areas.

As well as these, there are European type vegetables such as potatoes, peas, beans, tomatoes, cabbages and carrots produced. This latter crop has a ready market in this area and the biggest buyer is the Lutheran Mission at WAPENAMANDA.

Cash cropping is limited at this stage and is nowhere on the same scale as in the eastern area of the Western Highlands. To date, cash cropping of pyrethrum is listed as the main activity in this field.

The altitude in this area does not encourage cash cropping of coffee. Coffee is produced at the moment, but only on a limited basis because of the altitude.

As stated above, pyrethrum is the main cash crop. However, pyrethrum has not been extensively cropped to date. During the last three months or so, there has been an influx of Agricultural Officers in the WABAG and LAGAIAP Sub Districts to try and promote the increased plantings of pyrethrum. Under these Officers, the acreage of land under pyrethrum has been increased; but it is noticeable that the increased acreage is rather small in proportion to the amount of fallow land available, and it is often a problem to get the growers to harvest their crops for sale.

Livestock in the area patrolled consists mainly of pigs. However, there are two areas where cattle projects have been set up, and one area where a fish pond has been constructed in an effort to supplement the diet.



(P.J. WALSHE)
CADET PATROL OFFICER

c.c. AGRICULTURAL OFFICER
WABAG

DISTRICT AGRICULTURAL OFFICER
MT. HAGEN

APPENDIX "B"

HEALTH

The people in the two Census Divisions have Administration Aid Posts at AIPANTA, KUBALIS, SARI, and KALAP as well as a well staffed S.D.A. Mission Hospital at SOPAS. Thus with facilities such as these at their disposal, the peoples' general health was fairly good.

The four Aid Posts listed above were inspected by myself and were found to be in good condition.

A Native Medical Orderly accompanied the patrol and he was in attendance during the time when Census Revision was being carried out to detect any ailments the people had.

Following is a list of illnesses detected by the N.M.O.

LEPROSY 8 cases. All cases were sent to the WABAG Hospital for examination.

MALARIA 4 cases were detected. Sent to the Wabag Hospital for treatment.

TROPICAL ULCERS 3 cases were treated by the accompanying N.M.O.

INFLAMED EYES. 40 cases were treated by the patrol N.M.O.

As well as the above, many cuts, sores and festers were treated on the spot by the patrol N.M.O.



(P.J. WALSH)
CADET PATROL OFFICER

c.c. Doctor in Charge,
WABAG.

District Medical Officer,
MT. HAGEN.

E

APPENDIX "C"

EDUCATION.

In the two Census Divisions, at the time of this Census there were some 756 children attending Administration and Mission Schools inside the Sub-District as well as in other Districts. This number is made up of the following:

ADMINISTRATION SCHOOLS

108 Male children
34 Female Children

MISSION SCHOOLS

461 Male Children
153 Female Children

Within the two C/D, there is an Administration Primary "T" School at NARDI built and financed by the Wabag E.L.G. Council, and Mission Schools of the following denominations: Lutheran, Seven Day Adventist and Roman Catholic. All of these schools teach English. As well as these schools, there are many small schools throughout this area, staffed only by catechists or native converts.

(P.J. WALSH)
CADET PATROL OFFICER

c.c. Headmaster. Primary "T" School,
WABAG.

District Inspector,
MT. HAGEN.

WABAG PATROL REPORT No. 6 1965/66

REPORT ON MEMBERS OF THE ROYAL PAPUAN AND NEW GUINEA CONSTABULARY.

Senior Const. TALAT Reg. No. 4186B

APPEARANCE: Smart
CONDUCT : Good
DISCIPLINE: Good
COMMENTS : Reliable, but now getting too old for patrol work.

Const. SIMANGI Reg. No.

APPEARANCE: Good
CONDUCT : Good
DISCIPLINE: Reliable.

Const. GARIMA Reg. No. 8222

APPEARANCE: Fair
CONDUCT : Fair
DISCIPLINE: Not Good
COMMENTS : Not Outstanding.

Const. KARISH Reg. No. 8524

APPEARANCE: Smart
CONDUCT : Good
DISCIPLINE: Good
COMMENTS : Reliable but not outstanding.

Const. MISAU Reg. No. 5286

APPEARANCE: Smart
CONDUCT : V. Good
DISCIPLINE: V. Good
COMMENTS : Quiet but if set a task will complete it well. A handy member of any patrol.

Const. TOROFI Reg. No. 11052

APPEARANCE: Smart
CONDUCT : Good
Discipline: Good
COMMENTS : Keen and reliable.


(P.J. WALSHE)
CADET PATROL OFFICER

c.c. A.D.C.
WABAG

Superintendent of Police,
ST. HAGEN.

(3)

WABAG PATROL REPORT No. 6 1965/66

REPORT ON OTHER PATROL PERSONNEL

PANAPEN

PATROL INTERPRETER

Is acknowledged as the senior Interpreter at Wabag.
Tends to be lax, both in interpreting and in his conduct.

KMALA

NATIVE MEDICAL ORDERLY

A conscientious worker who did a very good job whilst
on patrol in detecting and treating ailments.



(P.J. WALSH)
CADET PATROL OFFICER

THE ACCOMPANYING PATROL REPORT NO 6 1965/66 (cont)

