

NATIONAL ARCHIVES & PUBLIC RECORDS SERVICES  
OF PAPUA NEW GUINEA

# **PATROL REPORTS**

DISTRICT: WEST SEPIK

STATION: AMANAB

VOLUME No: 12

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PERIOD: 1972 - 1973

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# Papua New Guinea Patrol Reports

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NATIONAL ARCHIVES OF P.N.C. - WAGANI.

PATROL REPORT OF: AMANAB WEST SEPIK.

ACC. No: 496.

Volume No: 12 1972/73 Number of Reports: 7

PERORT No: <u>AMANAB</u>	FOLIO	OFFICER CONDUCTING PATROL	AREA PATROILED	MAPS/ PTS	PERIOD OF PATROL	FICH No:
[1] 1st 1972/73	1-31	M. WINFIELD APO	DEKA CENSUS DIVISION		22.9.72 - 13.10.72.	
[2] 2nd 1972/73	1-3	E.C. AU ADO	PART WAINA SOWANDA.		3.10.72 - 13.10.72	
[3] 3rd 1972/73	1-3	M.L. WINFIELD APO	UTAI MISSION ENVIRONS.		31.10.72 - 2.11.72	
[4] 4th 1972/73	1-3	N.E. RUKUR	NAT FARINGI & PART AMANAB C/B		16.11.72 - 25.11.72	
[5] 5th 1972/73	1-8	R.M. PRESS ADO	WAINA SOWANDA (18)		6.3.73 - 12.4.73	
[6] 6th 1972/73	1-6	M.L. WINFIELD APO	NAT FARINGI CENSUS DIVISION.		13.3.73 - 27.3.73	
[7] 7th 1972/73	1-3	M.L. WINFIELD APO	PART NAT FARINGI/AMANAB LOCAL		9.4.73 - 11.4.73	
[ ] GREEN RIVER						
[8] 20th 1972/73	1-4	E.C. AU ADO	YABALHAI & PART GREEN RIVER	MAP	14.8.72 - 28.8.72	
[9] 21st 1972/73	1-2	K.W. RIEG APO	IABARU		14.8.72 - 28.8.72	
[10] 5th 1972/73	1-21	J. KANDOROP P.O	GREEN RIVER LOCAL		27.3.73 - 9.4.73	
[11] 6th 1972/73	1-11	K.W. RIEG P.O	IURI CENSUS DIVISION		17.8.73 - 24.6.73	
[12] 7th 1972/73	1-20	J. KANDOROP P.O	NAGU CENSUS DIVISION.		30.5.73 - 9.6.73	
[ ] IMONDA						
[13] 11th 1972/73	1-4	A.R. WELSH P.O	IMONDA LOCAL PART		10.7.72 - 17.7.72	
[14] 2nd 1972/73	1-2	I.J. SMITMANIS ADC	PAT VALLEY IMONDA LOCAL			

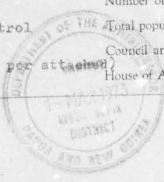
28A 67-16-21

HEAD QUARTERS

### PATROL REPORT

Report number: No. 1 of '72/173  
 District: WEST SEPIK  
 Patrol conducted by: MARC WINFIELD  
 Area patrolled: DERA CENSUS DIVISION  
 Duration of patrol: 22 days (22:9:72/13:10)  
 Last D.D.A. patrol: MARCH 1971.  
 Last O.L.G. patrol: Election Patrol August 1970  
 Map reference: Page No. (as per attached)

Objects of patrol: (i) Census Revision.  
 (ii) Area Study.  
 Station: AMANAB  
 Subdistrict: AMANAB  
 Designation: Assistant Patrol Officer.  
 Personnel accompanying: 2 Police Officers;  
 2 members R.F.N.G.C.  
 Number of days: 22 days.  
 Total population of area: 3092 persons.  
 Council area: AMANAB  
 House of Assembly Electorate: BEWANI



The District Commissioner,  
 District,

*VANIMU*

- In respect of this patrol, I attach
- Field Officers Journal Folios *Fo 1-4* (✓)
  - Patrol Instructions, (✓)
  - The Report and my comments, (✓)
  - Area study, (✓)
  - Updating of area study, (—)
  - Situation Reports No's 1-5 (✓)
  - Patrol map, (✓)

DATE: 19/2/1973.

*[Signature]*  
 Assistant District Commissioner  
*Marc Winfield*

The Secretary,  
 Department of the Administrator,  
 Division of District Administration,  
 KONEDOBUBU, Papua New Guinea.

- In respect of this patrol, I attach
- Area study, (✓)
  - Updating of area study, ( )
  - Situation Report No's. 1-5 (✓)
  - ( )
  - ( )
- District Headquarters assessment of  
 Patrol & Report.....
- Above average
  - Average ✓
  - Below average

Date: 6/3/1973.

*[Signature]*  
 District Commissioner

POPULATION

Date of Census	Village	TOTALS (Excluding Absentees)				ABSENTEES (Resident outside Electorate)				Grand Total
		CHILD (Under 15 yrs)		ADULT		CHILD (Under 15 yrs)		ADULT		
		M.	F.	M.	F.	M.	F.	M.	F.	
11:10:72	АКИРАКИ ✓	22	19	21	27	-	-	3	-	62
7 10:72	БАРДОЛ ✓	10	14	23	26	-	-	-	-	73
10:10:72	КАМЛАТЦИК ✓ (АЙЫСЫЗ)	29	43	57	42	-	-	5	-	212
24:9:72	УЖАН ✓	9	6	16	16	-	-	2	-	49
1 11:72	КАРАКООЛ ✓	33	34	62	30	-	-	1	-	142
9 11:72	БАРДОЛ ✓ (АЙЫСЫЗ)	41	36	66	36	-	-	10	-	189
1 11:72	КАРАКООЛ ✓	18	4	12	13	-	-	7	-	46
7 11:72	С.МОНКЕЛ ✓	20	13	19	16	-	-	4	-	72
2 27:9:72	КАРАКООЛ ✓	16	7	16	17	-	-	7	-	63
10:10:72	КАРАКООЛ ✓	13	4	7	6	-	-	1	-	39
2 28: 9: 72	УГМАЯНДРА ✓	23	27	33	25	-	-	4	-	115

88A 67-16-21

(38)

The proposed National Wildlife Committee would have a key role because widespread restrictions on the use of shotguns would not be accepted without considerable discussion. The actions required of individual L.G.s. and other authorities would have to be prepared and fostered by the Committee, coordinated and presented to the Government in a national format. This could best be done by a committee of Papua New Guineans familiar with the methods and requirements at the village level and working with the administrative and technical facilities of the Wildlife Section.

I would like to comment on particular points raised by the Amanab Report.

The time for conservation measures has not passed but, action is urgently needed on a national and village level. With the accelerating use of shotguns even another two or three years will see many other areas destroyed.

The practicability of the recommendations made may be difficult to assess, however this Department strongly supports the urgent need to implement these or similar restrictions on firearms. The action of individual Councils in restricting permits must be supported by a Government action at national level. This could take the form of a policy derived by the National Wildlife Committee, presented to the Councils for their guidance and backed with legislation by amendment of the Fauna Protection Ordinance.

In addition it would be desirable to increase the cost of cartridges, for example, by raising the import tax on ammunition and firearms as a conservation measure.

The provision of an alternative source of food by a chicken project will be investigated. However, it should be noted that the return to traditional hunting implied by restricting the use of firearms would still allow part of the food needs to be satisfied, at least in a few areas, without threatening the basic stocks of wildlife.

I will advise you further as soon as a report is available on the chicken project.

*J. Natara*  
J. NATARA  
A/Director.

See file 35-23-16  
for reply to VASE  
re para 6

~~c.o. Director,  
National Parks Board  
Box 5749  
BOAKO~~

~~Regional Controller  
Mainland Region,  
D.A.S.P.  
LAE.~~

~~District Officer (Lands)  
Dept. of C.M. & D.A.  
Box 2396  
KONEDOU~~

~~Commissioner for Local Government,  
Dept. of C.M. & D.A.  
Box 2396  
KONEDOU~~



NATIONAL PARKS BOARD

PAPUA NEW GUINEA

DEPARTMENT OF AGRICULTURE STOCK AND FISHERIES

TELEGRAMS: AGRIC. KONEDOBUI.  
TELEPHONE: 43041  
TELEX: AGRIC. PNG 143

P.O. BOX 2417.  
KONEDOBUI  
PAPUA NEW GUINEA

JUL 1973

Mr. W. P. Ryan,  
A/Secretary,  
Dept. of the Chief Minister &  
Development Administration,  
P.O. Box 2396,  
KONEDOBUI.

Date: 19th June, 1973  
Our Reference: Dn/14-11-10  
Action Officer: Downes  
Designation:  
  
Date: 10th May, 1973  
Your Reference: 67-16-21  
Action Officer: J. W. Kent

SUBJECT : WILDLIFE CONSERVATION - AMANAB SUB-DISTRICT

Your letter to the Executive Director, National Parks Board has been passed to the Wildlife Section for attention.

This is a similar case to that reported from your office for the Dumbit No. 2 village, Tamani Census Division, Maprik Sub-district, and answered separately.

The problem of the disappearing wildlife is a most serious one which requires action at the Local Government level, at the Area Authority and/or at the National Government level.

A wildlife management team has commenced work in the Wildlife Section of this Department and is concerned with enforcing existing laws protecting wildlife, with pilot projects on wildlife husbandry and with the development of game management areas where wildlife will be the most important crop for economic or traditional usage. However, the work of this wildlife management group would have to be considerably expanded if it was to cope with such a widespread problem.

At the village and local government level it is essential that the community take action, as the Amanab Council has done, to voluntarily prohibit the use of firearms. There is no doubt that the extremely rapid increase in the use of ammunition and shotguns, doubling in only 4 years, will result in an even greater diminution of wildlife.

However, to be effective this must receive the active support of the National Government, and your advice is requested on the appropriate backing, either administrative or legislative, which the Government may be prepared to give to the several Councils and Area Authorities which would be prepared to take part in a national wildlife conservation scheme.

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DDA 67-16-21.

**NATIONAL PARKS BOARD**

**TERRITORY OF PAPUA AND NEW GUINEA**

Telephone P.M. 5 4956

Telegrams Natparks

Our Reference 4.2.11

P.O. Box 5749,  
Boroko,  
Papua, T.P.N.G.

8th June, 1973.

Dept. of the Chief Minister  
and Development Administration,  
P.O. Box 2396,  
KONEDOBU.

ATTENTION MR J.W. KENT

re: CONSERVATION : WILDLIFE.


Dear Sir,

Your letter reference 67-16-21 of 10th May, 1973 refers.

As the subject matter can more appropriately be handled by the D.A.S.F. Wildlife Section, we have forwarded copies of all correspondence to them and requested that they give it their attention.

No doubt you will hear from them in due course.

Yours faithfully,

  
N.C. GARE.  
EXECUTIVE DIRECTOR.

W.F. RYAN  
a/Secretary



The Executive Director  
National Parks Board  
P.O. Box 5749  
BOKRO

10th May, 1973.  
67-16-21  
J.W. Kent  
Deputy District  
Commissioner

Dear Sir

CONSERVATION : WILDLIFE

\*\*\* Attached please find a photostat copy of a Situation Report together with assessments on the wildlife in the MERA Census Division of the AMANAB Sub-District, West Sepik District.

From a conservation viewpoint the situation is not very reassuring and will deteriorate even more due to the injudicious use of the shotgun. Unless appropriate measures are taken some species are in danger of complete extinction.

Your attention is drawn to paragraph three of the assessment by the District Commissioner who has requested comment and advice.

For your information, please.

Yours faithfully

W.P.R.  
W.P. RYAN  
a/Secretary

C.C.  
The District Commissioner  
West Sepik District  
P.O. Box 42  
VANIMO

W.P. RYAN  
a/Secretary

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The Director  
Department of Agriculture, Stock and  
Fisheries  
P.O. Box 2417  
KOROROEVI

10th May, 1973.  
67-16-21  
J.W. Kent  
Deputy District  
Commissioner

Attention: O.I.C. Wildlife Section

CONSERVATION : WILDLIFE

... Attached please find a photostat copy of a Situation Report together with assessments on the wildlife in the DEHA Census Division of the AMANAB Sub-District, West Sepik District.

It would appear that unless some legislative action is taken many species of wildlife will completely disappear in the not too distant future.

For your information, please.

W.P.R.  
W.P. RYAN J  
a/Secretary

C.C.  
The District Commissioner  
West Sepik District  
P.O. Box 42  
VANIMO

The District Commissioner  
West Sepik District  
P.O. Box 42  
VANIMO

10th May, 1973.  
67-16-21  
J.W. Kent  
Deputy District Commissioner  
67-3-3  
5th March, 1973.

AMANAB PATROL NO. 1 OF 1972/73

I acknowledge with thanks receipt of Situation Reports 1 to 5 arising out of the above patrol of the DERA Census Division, together with the appropriate assessments and also the Area Study compilation, as submitted by Mr. M. WINFIELD, Assistant Patrol Officer.

While the lack of political awareness of national affairs among the people of the DERA Census Division is understandable, what is surprising is their low comprehension level of local government and the ignorance of Councillors as to their duties and responsibilities. It is necessary that remedial action be initiated without undue delay. The Council Adviser should institute a training programme for Councillors while field officers should initially concentrate their efforts towards instilling some understanding of the Council's functions and objectives in the people. Mr. WINFIELD has already commenced such work and there should be concerted follow up action, otherwise his efforts will be wasted. (Sitrep No. 1 refers).

Copies of Situation Report No. 2 have been forwarded to the Wildlife Section of the Department of Agriculture, Stock and Fisheries, and the Executive Director of the National Parks Board.

The favourable public reaction to the Army patrols has been noted with pleasure. (Sitrep No. 4 refers).

In your comments on the Health and Agricultural sections of the Patrol Report you have requested assistance in obtaining District funds in these fields. This is a matter which should be initially pursued through your District Departmental Heads as they are the fund sources for the activities you envisage. The matter could also be raised through D.A.C. and D.C.G. channels. If such efforts fail then the matter can be raised with this Headquarters but on the appropriate action file not files dealing with patrol documentation.

Speedier processing of patrol documentation at Amanab Sub-District Office is expected in the future.

Mr. WINFIELD is to be commended for a good piece of field work.

W.P.R.  
W.P. RYAN  
a/Secretary

4. Each topic of the area study should be on a separate sheet of paper.
5. Are there D.D.A. camping allowance claims for this patrol? If so why are they not with the report.
6. The two Headquarters copies of the report should not include the patrol report, or copy of patrol instructions, or patrol diary.
7. Why don't I get a copy of the patrol map, which is quite good - graphic and illustrative.
8. Please ensure future reports are processed more quickly.

The report is candid and interesting and indicative of the productive and stimulating effort put into the patrol by Mr. Winfield. I look forward to his follow up efforts.

*B. Bunting*

B. BUNTING  
District Commissioner.

Minute to :

The Secretary,  
Department of the Administrator,  
Konedobu.

... The above refers; and two copies of relevant parts of the report are forwarded herewith.

Notwithstanding my comment at item 6 above I am forwarding a copy of the patrol report with its remarks concerning the absence of medical and agricultural patrols and the reasons therefore.

Don't you think our whole rural development policy, and encouraged by the Chief Minister, is totally unbalanced with the complete absence of agricultural and medical presence?

Teachers provide a vital central government presence in the 'static' sense.

Our Field Staff provide a sole 'point of reference' for rural communities but their efforts to encourage development are totally negated by the absence of health and agricultural workers. How then, in the vacuum, do we encourage the 'urban drifters' to return home?

Between one and two decades ago it was the combined effort in the field by D.D.A. and Health initially, followed by Agricultural and Education which put the 'guts' of development into this country. In the last 10 years the complete decline in rural health and agriculture has been paralleled by the urban drift.

In this situation the drift into obscurity with rural agriculture is inexplicable, and the change of policy towards maintaining rural health centres at aid post level with trained and equipped staff, adequately recognised and remunerated some years ago is to be deplored.

Can something be done, through channels accessible to you, to revitalise this facet of rural development (i.e. put health and



PATROL REPORT No. 1

30  
~~28~~

West Sepik District,

P.O. Box 42,



5th March, 1973.

67-3-3

PGG:lt

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

AMANAB PATROL REPORT 1-1972/73 : BERA CENSUS DIVISION

Your memorandum 67-1-1 dated 19th February, 1973, with attachments, refers.

Thank you for this patrol report and covering comments upon which I make the following comments :-

1. I note with interest the constructive conclusions reached by Mr. Winfield at the end of his report. On points 2, 3, 4 and 5 take whatever local action you can to further the stimulus given the area by this patrol, getting what support you can from health and agricultural District Headquarters, Vanimo. I shall take up through our own departmental headquarters the broader implication of the lack of medical and health patrols in rural areas.
2. I also note with interest at page 2 of the area study (paragraph 16) that this is ostensibly the only patrol to totally encompass the census division. Now that you have a balance Sub-District staff, I wish all census divisions to be treated in the same manner. The time put into this patrol (22 days, 11 units) was obviously worth it.
3. Regarding the possibility of expanding the market, the first requirement is a trafficable road connecting Amanab to the Census Division. The installation has been achieved under the auspices of rural development and requires either upgrading (assisted by rural development money) or maintained by the people. Once the road is useable in an economic sense produce can be carried on the Council tractor/trailer to Amanab for students, hospital patients and market. Movement of Womens Club members, and students will provide practical visible evidence that the vehicles are there for the peoples welfare and provide a valid reason for them to maintain the road. I trust your Mining Assistant can achieve the same spectacular success in the Bera as he has done in the vicinity of Amanab. In this quest to expand the economy do not overlook the need to supplement the staple diet. A healthy community is as important as is a dollar in the pocket.

## PATROL REPORT No. 1

Station..... AMANAB ..... Officer Compiling..... MARC WINFIELD A.P.O.  
 District..... WEST SEPIK ..... Subdistrict..... AMANAB  
 Census Division..... DERA ..... L.G. Council..... AMANAB

(For recording of routine information not of a situation report nature, actionable at Subdistrict or District level, and of value to succeeding officers. No copy is required at Headquarters.)

(For further pages, use foolscap blanks.)

Govt. Print.—1992/40,000.—5.72.

INTRODUCTION:

This patrol is NO.1 of 72/73 and has been carried out as per the Assistant District Commissioner's instructions (attached) memo 67-1-1 dated 18th September 1972. The patrol was conducted throughout the entire Dera Census Division and was for a duration of 22 days. The tasks as set out in the instructions have been completed. An Area Study was compiled for this Census Division which is to supercede the area study previously submitted in the '68/69 period.

Most information relevant to this Census Division is contained in the Area Study itself, however, the following points are brought to notice under the listed headings set out below:

HEALTH:

There are three Infant Welfare Centres in close proximity to this Census Division- Amanab, Naineri and Kamberatoro. Each of the Infant Welfare Officers complained of the lack of regular visits by village women with their respective children.

The European Nurse from Kamberatoro carries out periodical patrols but since she is by herself she finds it difficult to leave the medical centre at Kamberatoro to complete medical patrols.

A highly inefficient health service exists at Amanab. The medical centre here has four staff none of which are able to accompany patrols without camping allowance funds being adequate to cover their claims. Since the people have displayed a tendency to not come for treatment then surely the treatment must go to them. The government's lack of forethought on this matter should be rectified at the earliest. Administration patrols are ideal for medical aides to accompany since 'patrol costs' (i.e. carriers) are covered by us. Also word of an administration patrol usually brings most of the people in from the bush and this is a good time to treat minor illnesses and to ensure that the children are being properly cared for.

It is recommended that enough funds be appropriated for Public Health so that it is unnecessary for us to have to check that enough funds are available to cover a 'dollar a night' camping out allowance.

During the patrol there were four cases where village people had what the medical orderly termed a 'serious illness' requiring proper treatment. These four cases had to be referred to the various Health Centres close to the particular village concerned. The villagers realised that these four people had more than a minor illness but all were reluctant to send these people for appropriate treatment. This further evidates the need for as many medical patrols as possible without the hinderance of trivialities as mentioned above.

continued../

AGRICULTURE:

An Agricultural Officer , Mr.T.Sumbia, accompanied the patrol. His own report will undoubtedly be tendered to his own department .Much of this will be covered in the Area study but it is pertinent to make a few comments here:

- 1.One village ,Mamambra , had previously been visited by an Ag.Officer.Plans were made that the villagers construct fish ponds under his directions and on the completion of which he (or another officer) would re-visit the village and complete the project.The people of Mamambra complained that no officer returned and so the holes are overgrown and dug-up by pigs.Again due to a lack of funds the Agricultural Officers have not been able to carry out their own patrols.I asked Mr.Sumbia if he would accompany us on the patrol indicating that we would cover the patrol costs. However , he needs to re-visit the same area to follow up plans for fish ponds in other villages but may be unable because of a lack of funds.
- 2.The Agricultural Officer was well received and I think the people appreciated his advice and recommendations.However it is again emphasised that follow-up patrols more than 2 months must be made if the people are not to be disillusioned as they have obviously been done before.
- 3.Most villages wanted seeds -many types imported, but there seems to be a lack of them in a wide variety here at Amanab.
- 4.Every village was interested in chickens-due partly I think to the lack of game in the surrounding bush(refer Situation report No.2).

GOLD MINING:

Mamambra has extracted a fair amount of gold from their area.Other villages havn't mer with such success and each asked if the Gold Mining Assistant could come to their respective villages to help them.Originally, it was planned to take the Gold Mining Assistant -Akila Inivigo , with the patrol but this was unfortunately not possible.Further reference to gold in this area is made in the Area Study (attached).

LAW AND ORDER:

None of the villages expressed any complaints about the law and order situation in their villages. It is noted however that most villages (the larger ones) have at least one man in gaol at Wewak. Three detainees here at Amanab are also from this census division.

POLICE:

The two policeman- Constable 1st Class Wareo and Constable Ben worked efficiently and effectively throughout the whole patrol.At each village they helped villagers clear the helicopter sites and build bridges without any encouragement from me whatsoever. They also organized games at each of the villages where we spent the night.By doing this they were able to indicate that the police were there to help them .

Behaviour of both policeman was excellent and the success of the patrol was due mainly to their services and advice.

Conclusions:

- 1.The patrol completed each task as set out in the patrol instructions.
- 2.There is a need for direction in economic activities in this Cenus Division.
- 3.A follow-up patrol is needed to be completed by an Agricultural Officer.
- 4.Regular patrols by medical personnel is a must.
- 5.Gold mining could be a major economic activity at Mamambra.

LIST OF SITUATIONS REPORTS ATTACHED:

- 1....POLITICAL EDUCATION DEVELOPMENT.
- 2....CONSERVATION-WILDLIFE.
- 3....HELICOPTER SITES(BORDER).
- 4....REACTION TO ARMY PATROLS.
- 5....AMANAB-KAKBERATORO ROAD.



AMANAB PATROL REPORT No.1 of 1972/73

AREA STUDY.-DERA CENSUS DIVISION.

INTRODUCTION.

Geographical Location-

1. the Dera Census Division has the following map references: Latitude  $3^{\circ}30'$  South (being its northern border),  $3^{\circ}40'$  South (being its southern border. Longitude  $141^{\circ}00'$  East (being the International Border between West Irian and Papua New Guinea) and  $141^{\circ}00'$  East (being the approximate bearing for its eastern border. The Division covers an area of about 77 square miles.

Topography.

2. The topography of this area varies from flat swampy regions to hilly mountainous regions. Along the International Border there are much higher mountains than in the remainder of the Census Division. It is estimated that these mountains range from approximately 3000 to 3500 feet. The mountain range runs parallel with the border, itself being located on the map reference as the International Border.

3. The other mountains in this Division are all approximately similar in size and their respective axis run generally in a north-south direction. Hence most of the larger rivers - the Dio River (which flows to the Sepik) and the river Upp flow in a similar direction. The whole area is inundated with small creeks which are generally tributaries of the two rivers mentioned above.

4. The area south of the main Kamberatoro - Amanab road to Lihen is flat and at the time of the patrol was flooded due to heavy rain. Similarly, the area between, or around Wahai and Bambol (Bambruk) is flat and marshy after even light rain.

5. The southern section of the area has a poor orange brown clay type soil which has proved inadequate for extensive agriculture. Further north, the soil changes to a darker brown but retains the clay like structure and consistency.

6. The rivers Upp and Dio are quite large, the former being fast flowing and generally clear, whereas the latter flows at a slower rate and is generally muddy. These two rivers rise quickly in times of heavy rain in the surrounding mountains. During the patrol the Dio was seen to rise 2 1/2 feet in two hours and the Upp 6 feet in 8 hours.

7. The structure of the rock in the mountain in this area are primarily basalt and limestone of an apparent old era (in geographical time). The rocks (exposed) are worn smooth even on the slopes where they are not exposed to the erosive action of rivers or creeks.

8. It was observed that around Bambol there were many caves (deep) in the limestone mountains enclosing this village.

Climats./ Weather.

9. Throughout the patrol into this area a similar pattern of climate became evident. Cool mornings until about 11.00am and then moderate afternoons (to about 85 degrees . The nights were always very cool. Usually the afternoons were humid with a heavy build up of cloud observed every day. It rained 12 days of the 22 days of the patrol. The mission station at Kamberatoro informed the writer that they experienced heavy rain nearly every second or third day. Most rain occurred late afternoon or late at night. It is estimated that the temperatures range from as low as 60° at night to a high of 85° at the hottest part of the day.

RAINFALL.

10. The mission station at Kamberatoro keep rainfall records ( generally of an erratic nature ) which indicate that the area would receive up to 200 inches per year. In one period they recorded 875 points of rain in a period of twelve hours -in the month of August. The wettest months are between September and May.

Predominant Vegetation.

11. Tropical rainforest predominates the mountainous area of the Census Division. The undergrowth becomes sparser with the increase in altitude. This is attributed to the presence of rock material and the absence of soil as a result of erosion caused by the heavy rainfall. In the lower regions the trees are not as tall but there is noticeably more undergrowth. Stanzas of pine trees were seen on some ridges East of Kamberatoro. (the exact species of pine is unknown but local villagers say that it has not been imported -there are no tracks to these areas)

Access.

12. There are three forms of access into this area-by plane ; by road and by walking track.

13. Previously the Government spent a great deal of money on a tractor road from Amanab to Kamberatoro. However this road , through neglect and the use of the tractor after rain ( in effect 'ploughing -up' of the road) has rendered this road hazardous. From Akamari to Kamberatoro the road is not wide enough to permit a tractor to travel on it.

14. At Kamberatoro mission station (located approximately in the centre of the area) there is an airstrip of 1900 feet in length. The surface is poor and well below Department of Civil Aviation standards-however it has been used in a number of emergencies.

15. There are several walking tracks which pass into and out of this census Division. Generally they are of a high standard .

RECORDED PATROLS INTO THE AREA:

16. The writer has checked back through all the records held at the Amanab Sub District Office , and it would appear that this is the first patrol that has visited all the villages in this census division . All previous patrols have either been of a special nature , with visits to certain villages, or they have only censused part of the division , on that particular patrol. These patrols are listed on the following page.

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17.

- a) Green Rv. to Vanimo Patrol Report No.2 of 1956/57 (By Patrol Officer R.A.Calcutt - 24 days)
- b) Border Census Division Patrol , Amanab No.2 1960/61 (By Patrol Officer N.J.Cavanagh -35days)
- c) Border Census Division Patrol , No.4 1961/62 (By Assistant District Officer A.M.Bottrill - 27 days)
- d) Dera Border Division-Census Patrol , Amanab No. 13 1962/63 (By Assistant District Officer K.J.Hanrahan - 15 days)
- e) Dera Border Division - No. 10 , Amanab 1962/63 (By Assistant District Officer K.J.Hanrahan - 6 days)
- f) New Guinea West Papua Patrol No.5 1962/63 (By Patrol Officer K.J.Hanrahan) -22 days.
- g) Part Dera Border Census Division . Report No.3 1963/64 (By Patrol Officer D.L.Emery - 22 days)
- h) Amanab Patrol No.2 1962/63 (By I.F Read- Patrol Officer)
- i) Dera Census Division and Waina Sowanda Census Division No. 1 (IMONDA) 1964/65 (By Patrol Officer B.J.Maume- 20 days )
- j) Dera Area Study/Part Waina Sowanda Amanab No. 3. 1964/65 (By Assistant District Officer D.B.Moorhouse - 14 days)
- k) Part Amanab and Dera Census Divisions, Amanab No.4 1964/65 (By Patrol Officer L.W. Brawgge- 13 days)
- l) Dera Border Census Division , Amanab No. 5 1964/65 (By Patrol Officer L.W. Brawgge - 10 days)
- m) Dera Census Division Part Amanab. No. 8 1964 / 65 (By Patrol Officer L.W.Brawgge -23 days)
- o) Part Dera Census Division Report No. 10 1964/65 ( By Cadet Patrol Officer R.D.Knott- 8 days)
- p) Part Dera and Amanab Local Census Division , Amanab No.13 1964 / 65 (By Patrol Officer Mr. B .Borok -)
- q) Amanab Local and Part Dera Division No.12 1964/65 (By Patrol Officer T.O'Donnell)
- r) Amanab/ Dera Patrol No. 2 1965/66 (By Patrol Officer L.W.Brawgge-17 days)
- s) Dera Border Patrol , Amanab No. 6. 1965/66 (By Assistant District Commissioner D.B.Moorhouse - 6 days)
- t) Dera Border Census Division Patrol No. 2 1967/68 (By Assistant District Commissioner T.O'Donnell - 16 days)
- u) Dera Census Division No. 6 (1967/68) (By Cadet Patrol Officer G.M.Henke-4 days.)
- v) Part Dera Census Division No.7 1967/68 (By Assistant District Commissioner T.O'Donnell- 5 days.)
- w) Dera Census Division No. 3 1968/69 (By Patrol Officer P.K.Donaldson-5 days)
- x) Part Dera Census Division , Amanab No.4 1968/69 (By Patrol Officer P.H.Chisholm) - 7 days

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- y) Part Dera Census Division Part Amanab Report No.5 1968/69 (By A. Assistant District Commissioner T.O'Donnell- 8 days)
- z) Waina Sowanda and Part Dera / Amanab Local , Amanab No.6 1968/69 ( By District Officer A.D.Steven - 9 days)
- a1) Part Amanab/ Dera No. 7 1968/69 (By Cadet Patrol Officer R.Hutchings-50 days)
- b1) Part Dera / Amanab No 9 1968/69 (By P.J.Hongrieff-Cadet Patrol Officer-10 days)
- c1) Amanab Local/ Waina Sowanda /Imonda Local No.6. 1962 /63 (By Assistant District Commissioner A.M.Bottrill- 21 days)
- d1) Part Amanab Local/ Dera No. 7 1962/63 (By Assistant District Commissioner A.M.Bottrill-25 days)
- e1) Part Amanab Council Area and Amanab (Dera Census Divisions No.9 +968/69 (By Local Govt. Adviser E.L.I.Waniniara - 9 days).
- f1) Part Dera and Imonda Local Amanab No.10 1968./69 (By Patrol Officer R.H. Chisholm-15 days)
- g1) Amanab Local/ Part Dera Census Division Amanab No. 11 1968/69 (By Cadet Patrol Officer R.Hutchins-12 days)
- h1) Part Dera / Amanab No.13 1968/69 (Cadet Patrol Officer R.Hutchins-3 days)
- i1) Amanab Part Dera No.4 1969/70 (By Patrol Officer F.B.Donovan-)
- j1) Dera / Part Amanab Local No. 9 1969/70 (By Patrol Officer F.B.Donovan-32days)
- k1) Part Amanab/ Dera Amanab No. 10 1969/70 (By Assistant Patrol Officer: A.J.Hazelwood -56 days)
- l1) Dera Census Division / Amanab No.1 1970/71 (By Assistant Patrol Officer A.J.Hazelwood- 15 days)
- m1) Part Dera Census Division Report No.3 1970/71 (By Patrol Officer D.McCombe-3)
- n1) Dera Census/ Part Amanab Local Amanab No.8 1970/71 (By Assistant Patrol Officer A.J.Hazelwood 31 days)
- o1) Dera Census Division (part) Amanab No. 10 (1970/71) By Assistant District Commissioner D.Van R. Clamsen - 16 days)
- p1) Dera Census Patrol , Amanab 1972/73 No. 1 (By Assistant Patrol Officer M.L.Winfield- 22 days).

18. From the above it may be seen that 41 patrols have visited parts of the Dera Census Division (since 1956 to 1971).

19. There have been patrols into the area by the Pacific Islanders Regiment which have not been recorded here. Also by Mineral Explorations , Bureau of Mineral Research, Special Cholera Patrol and other medical patrols.

Predominant Characteristics of the people:

19. Most of the people have built houses in large villages but usually they live out in the bush for months at a time using garden shelters for sleeping and cooking. All make gardens which usually last about two or three crops , at the end of which they clear another section of land and form a new garden. Often this means wandering from area to area but they still remain within a couple of hours walk from their village. No cargo cults or other movements were evident in the area at the time of the ~~xxxxx~~ patrol.

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Population - Distribution and Trends-

20. The inside cover of this report indicates the population distribution in each village. From these figures it is calculated that the following totals :

<u>PRESENT AT CENSUS</u>		<u>ABSENTEES</u>					
<u>CHILD</u>		<u>ADULT</u>		<u>CHILD</u>		<u>ADULT</u>	
(under 15 years)							
M	F	M	F	M	F	M	F
258	211	312	267	-	-	44	-

With a Grand Total of :: 1092 persons.

- From these figures the following observations are made:
- That there are more males than females of an age for marriage, but the 44 absentees ( mostly at plantations and at least 50% are single) balance these figures to about equal proportions of both sexes.
  - The numbers of male and female children are more equal than that of the generation ahead of them.
  - By combining these figures (from the cover) with the map (attached) it becomes apparent that the population is fairly evenly spread over the entire Census Division. No one village seems to have a tremendously greater number than its appropriate counterpart in another village of comparable size .

21. Since no census of the complete Census Division itself has been completed for some time (if at all) it is difficult to ascertain the increase or decrease in the overall population of the area. It was difficult to establish any deaths either at birth or soon after. The people proved reluctant in offering this kind of information. It was noted that few births have occurred in each village since the last census.

22. It was not possible to find the neo-natal mortality rate for the Census Division , due to the lack of noticeable pregnancies being recorded by any previous patrol into this area. A note has been made by the writer of visible pregnancies that I noted , this should make it possible for the next patrol to compile the required information.

23. At the time of the census 44 persons were absent either in the gaol at Mewak or employed in plantations (it is gratifying to note that most were of the 'employed out' category ). This represents approximately 25% of the total possible labour force for this area.

24. Attendance at census was relatively good with generally a full turnout in most villages. Because the patrol stayed for at least two nights in each village those that might be absent (in the bush) at the official time were later recorded or their presence verified later .

SOCIAL GROUPINGS.

25. The following villages have the same 'tok ples' - Lihen, Gerkwanda, Yamaminda, Mamabra , Nindebai , Kimberatoro', Kimberatoro .Examples are set out on the following page.

PIDGIN ENGLISH	TALK PLACE (OERKWANDA ETC.)	TALK PLACE (BAMBOL ETC.)
dewai	namul	le
antap	uihe	tuu
graun	hupu	bitai
moritar	hwatumu	wey
kanda	hutameuu	ribar
saksak	inbanuu	na
kaukau	mubbee	bifee
balus(bird)	markwabee	kapol
pik	waruk	dita
moruk	qwangu	kwai
sikau	yaparu	yiparwe
kapul	uwa	humbamarwe
snake	akwinawe	sombawe
pis	ipola	sowuk
gras	ninarda	lark
mauntain	oukwala	aikek
pir	hai	suey
balus(plane)	kabus	twarpik
sitone	numai	whon.

26. Bambol, Wahai, Menggau and Akamri have the same 'talk place' which from the above is considerably different from that of their relatively close neighbours.

27. However all the villages, since they have been amalgamated into one council, and therfor have more social contact, have still retained stronger ties with some villages over others. For example Kamberatoro has close affiliations with Tarambek and Nimberatoro. Mamabra with Yamamainda; Menggau with Wahai and Bambol. Akamari seems to have closer ties with kuafinau (in another census division. This is mainly ascertained from where migrations occur the most and the source of wives or husbands as the case may be.

28. The functional unit is the clan group in each of the villages in this Census Division. For instance if a pig is sighted close to the village all the males from the village will hunt for it. If it is killed all share the pig howver whoever kills the pig - his line will get first go at the pig. For house building, the line usually constructs the house but is always helped by those he himself has helped in the past, together with other relatives.

29. Many of the villages practice the 'father to son' form of inheritance but there is reluctance to hand down the land to daughters- in the case of a sonless marriage the brother of the deceased father would receive the land and be expected to look after them until she either re-marries or he may take her on himself.

30. There are village relationships between Mamabra and Akerinda in West Irian. Some marriages have taken place between these two villages in the past. However none have been recorded for some time .

31. With the passing of time more and more villagers are marrying from other villages from which previously few if any marriage transactions had taken place .

32. Yamaminda have moved further south from their previous site because of the need to work new soils as gardens and on the advice of a previous patrol through the area in order that they may be closer to a fresh supply of water. The gardens are plentiful now with the new village being well drained and relatively clean. This village also has affiliations with a village further south (in the Green River sub District) , Mongo.

LEADERSHIP:

33. The leadership now generally falls into the hands of the councillor, though this is not always the case. Many have been obviously marked as councillors because they have no influence whatso ever. This means that they will not have to work excessively hard or be told what to do. Many of the older men have lost all control and the men who have been to plantations and to schools are more and more taking their place.

Generally the councillors are over 30 years of age .

34. When the people conduct singsings the older men regain temporary 'power'. In these times the younger men look to the village elders for direction and schooling on procedure and custom for such events.

35. More and more the people are realizing that more is required for leadership than years . In such villages younger men are being voted into the council. As the council becomes more independent and influential, then they themselves will carry more responsibility .

INFLUENTIAL MEN OF THE AREA:

36. LIHEN - Councillor Mina . Has replaced another councillor who was voted out. He has influence over Cerkwanda and Mongorviev with Lihen being his home village. He is quite influential and seems to have reasonable control over his people. Mongorviev and Lihen are satellite villages of Cerkwanda.

Mamabra-Councillor Tampinos . This man even though an elected councillor has very little influence on his people .He displayed difficulty in organizing his people to do anything . There were no really influential people in this area. Most of the villagers decided what they were going to do and openly defied the councillor .

Kamberatore-Councillor Herman . This man has a

37. tremendous amount of influence on his three villages- Kambaro,ro, Namberato and Tarabek . He is not only respected by the villagers at Kambarato (his own village) but by the other villages as well. The mission reports that he provides much voluntary labour and help to the mission . He was extremely helpful as far as information for this area study was concerned .He is one of the most influential men in the Amanab Local Council. He has not been to any plantation but has attended a government school in the sub District. He is married with 4 children and is approximately 35 years of age. He is vice president of the council.

38 Menggau- Councillor Wapei . This man does not understand pidgin English . He has no influence over anybody not even in his own family. He is extremely lazy and makes no effort to give any information or help to the patrol . He displays no interest for advancing his people. He has not been to school or to any plantation . He is about 50 years of age (or at least appears to be so though he could be much younger). There are some very good younger men with great potential who may be elected in the forthcoming elections.

39 There are few influential men in the area. Most people do as they like and help others if there is an obligation or some incentive to themselves. None of the councillors are leaders by hereditary but have been appointed through local government council elections.

LAND TENURE AND USE:

40. The Dera Census division is not over populated and the villages are a fair distance apart. There is plenty of land for the people to cultivate and hunt in. In every village I went to one man seemed to have ownership rights over all the land that the people of that particular village occupied. It is suspected that what was meant by the answer to the question as to who owned the land , was that 'mi yet' meant the people of that village. On further investigation I found that each line owned certain land for cultivation and that the big bush belonged to the whole village for the purposes of hunting and gathering.

41. However , saksak areas no matter where they were to be located belonged to one or two families only.

42. Garden areas are clearly marked as to who owns what . There is no individual ownership of ground . All the ground remains within a clan .

43. A large portion of ground has been leased from the administration by the Catholic Mission. An airstrip of 1700 feet has been constructed. The remaining 20 acres is being used for building sites-school rooms , store , residences , church , garage , dormitory and for pilot agriculture projects- ducks , chickens , vegetables .

44. There is no cash cropping in this area.



LITERACY:

45. There are few really literate people in this census Division. There is a primary school located at Kamberatoro, run by the Catholic Mission. If the children stay for the full six years they do achieve a certain degree of literacy. Some of the young men who have been to plantations and to school are fast approaching literacy in pidgin English. I would estimate this to be around 6 in number. The local teachers at Kamberatoro are literate of course. There was no one who could read and write and speak English fluently but six could read a little pidgin and write some too. Approximately 30% of the people in this census division understand pidgin. Over 50% of the males from 10 years upwards understand pidgin.

46. There are two children attending Wasengla school absent from this area. There are none in any schools in Australia. One young man is attending the Vanimo vocational school at the present time.

46. The main interest in newspapers and pamphlets is in their use as smoke paper and little attention is shown to its literary significance. Three councillors were given radios by the council recently. This has proved a waste of council funds and has caused animosity between villages over this matter. Few people in the villages are able to hear the radio as it spends most of its time in the councillor's house. Also since each councillor looks after at least two other villages these villages do not get a chance to here anything from them. It is worth noting that in every village there were already radios that the men who had been to plantations had bought themselves. An irrelevant note here: a dipole should have been arranged for each radio as reception is not as good as it could have been.

STANDARD OF LIVING:

47. Housing: All the houses in this census division are built on stilts. All have roofing material made from moritar. The walls are made from sago stems and the floors from split limbu. The life expectancy of a reasonably made house is three years - five years. Usually white ants and rot have caused structural deficiencies necessitating the construction of a totally new house. Most of the houses have no windows yet the people light fires inside the house with the door closed. This aspect was discussed with the people who showed little interest. It is expected that demonstration chimneys will be constructed in each village on future ptrols made by this writer. The inclusion of windows has become more evident at Kamberatoro and Mamberatoro but all the other villages have failed to follow suit. The houses are generally clean.

48. It was noted that more than one family was living in one house in many of the villages. Where this occurred instructions were left to construct one house per one family of a reasonable size and of sound construction.

49. Usually access to each house was by an obliquely laid log with irregular notches (improvised steps). Many of the houses in all the villages now construct ladder type entries.

50. Most houses where the owner has pigs, have build a fenced in section between the stilts where the pig is enclosed at night. Here the pigs defecate and urinate providing the house and occupants above with an odour peculiar to their own particular pigs. The health hazard this forms was discussed by myself and the agricultural officer who accompanied the patrol. It was suggested that fenced areas be constructed away from the houses.

51. Sanitation; All of the villages with the exception of Nindabai, use the bush as a toilet and for rubbish. Most urinate (at night) behind the nearest house. Nindabai has constructed one toilet (bush type) a reasonable distance away from each house) for every house. The writer is not convinced that either the bush or a house toilet is the better as far as sanitary conditions go. The latter provides for smells and breeding of diseases. Most fill with water quickly bring the less dense material to the surface.

52. Washing of clothes and bodies is unsatisfactory in all the villages in this census division. Since most of the villages are built on hill tops there is an absence of a ready made good water supply. Some villages, such as Mamamba and Yamaminda are built on river sites - here the people wash more regularly. Generally the clothing is reasonably clean or as clean as can be expected from cold water and a lack of soap.

CLOTHING:

53. Only the older men wear the gourds. Nearly all the men now wear shorts and many are now wearing shirts. The women all wear skirts and many are now wearing tops - probably the mission influence (certainly not mine). Many of the men now wear hats. The children go around naked (the boys longer than the girls however).

European Artefacts:

54. The following objects were found in abundance from all the villages (with the exception of a wheel barrow found at Tarambek) - knives, plates, mirrors, razors, spears, axes, spoons, cups, bowls - in fact almost everything available at nominal costs from the trade store at Kambaratoro, Maineri and Amanab. Kambaratoro had by far the most.

Staple diet:

55. The following foods form the staple diet for this census division - it does not vary between villages. Taro, sugar cane, sak sak, some fish, pig, cassowary, other birds, bananas, pit pit, pineapples and coconuts (few). Breadfruit. The stores provide rice and some tinned meat and fish.

56. There are some introduced crops probably influenced by the mission, such as pumpkin, tomatoes and some beans.

Group Organizations:

57. There are no group organizations such as Red Cross, Boy scouts or sporting clubs in this area. In every village the patrol organized the following sports where applicable - basketball, water polo, and a rugby/soccer combination - with some basketball thrown in. The younger men seemed keen on sports.

MISSIONS:

58. There is only one mission in this area - the Catholic Mission. At present Father John is in charge. There is at present a European nurse and a European teacher resident at the mission. There are also three local teachers at the Mission located at Kamberatoro.

59. School:

At present there are 4 (four classrooms) rooms that have been all constructed by the local people at different times. The three local and one female European teachers teach in these classrooms a total of 93 pupils for the 1972 year - of which 60 are males and the remaining 33 are females. The mission has constructed a dormitory for borders .

60. Health:

The mission has constructed and staffed a health aid post primarily for infant welfare clinics but handles many other cases of both a minor and serious nature..

61. Economic:

A store has been founded and run by the Catholic mission as a source of a small income and to provide a service for the people in the area. The prizes are very reasonable and are generally one of the lowest amongst the five other stores in the area (these being at Amanab).

62. Agriculture:

There are at present agricultural pilot projects being initiated on mission leased land . These include chickens , ducks , vegetables .

63. Airstrip:

The mission has constructed an airstrip which falls well below D.C.A. standards and is closed for over 75% of the possible landing/takeoff working period. This is due to the clay surface combined with frequent rain. Attempts are at present being made to grass the surface. It is about 1800 feet long with 30 feet clearing made on both sides.

64. Communications:

Besides a radio "cecd" regularly undertaken several times aday the mission has some aircraft which land infrequently. There is also a poor road from Kamberatoro to Amanab which can be traversed by trail bike.

65. Miscellaneous:

The mission have a tractor , plough bulldozer combination , soon will hve a dunlite generator, two motorbikes and employ six males regularly.

66. The following villages identify themselves with the mission - Kamberatoro, Namberatoro, Tarabek, Menggau and Akamari. However , the father reports a small attendance to church services but the people are generally co-operative when work is to be done.

67. The father attempts to patrol the villages within the Dera as much as possible but only manages to get to most villager once a year -the closer ones maybe twice.. However the nurse there (European) does alot of patrolling treating the sick people at each of the villages she visits. She has commented that she finds it difficult to get the people into the clinic and therefor has to go into the field. There however the people stop in the bush - a two fold frustration. The last patrol in this area attempted to persuade people to

two fold frustration. The last patrol into this area attempted to persuade the people to walk into the clinic at Kamberatoro. There were some cases of what could have been neglect- in these instances I threatened court action if the children were not immediately taken in for a check up. It is an unfortunate situation or rather an apathetic one, where parents do not use the facilities that are available readily to them in three centres close to the Dara Census Division.

68. NON INDIGENES:

There are no plantations, factories or commercial establishments owned or operated by any non-indigenous persons in this census division.

COMMUNICATIONS:

69. As previously mentioned in other paragraphs there are primarily four modes of communication with this census division - the airstrip at Kamberatoro, the radio transceiver/receiver at Kamberatoro, the road from Amanab to Kamberatoro and the various tracks into this census division (for walking purposes only).

70. It is worth commenting here that the Kamberatoro road is only barely open to motor bike travel- the tractor is only able to go as far as the turnoff to Lihen (refer to map (attached)). After this the road is too narrow. Even so, the road is in need of a great deal of repair and is unusable as far as any emergency (medical, law and order, or border situation) is concerned.

TECHNICAL AND CLERICAL SKILLS:

71. There are no men in this area who could be classed as having technical or clerical skills.

STAGE OF POLITICAL DEVELOPMENT:

72. From discussions conducted on patrol and from attendance at local council meetings the following inferences are made on the stage of political development in this census division:

73. The older men have very little idea about central government and its importance and relationship between it and local government councils, such as the one they participate in (?).

74. The people generally are not clear and have little confidence in their own local government council. Generally they are ignorant of the significance of tax and how they can control its expenditure through their councillors. The people are unaware of the work that the council is responsible for.

75. Likewise with government on a central plane the people have no (or little) clear conception of the structure and responsibilities of their own government.

76. Some breakthrough is being made where the younger men have been to plantations and have seen other areas and how the government works for them. Also many have now been to schools where political awareness even though in its infancy is still being initiated.

77. Through the political education discussions that were informally held in each of the villages visited it became apparent that conceptions of ideas that are out of context with their immediate environment are virtually impossible or often lead to much misconstruction.

78. Thoughts related to the idea of a country and nationalism seem to be more readily acceptable though petty jealousy between villages is still a significant idiosyncrasy of this area.

79. It is felt that with further patrols and more communication, together with the return of plantation workers and increased school participation with the schools in the area such future concepts will visualize more readily.

THE ECONOMY OF THE AREA:

80. There are not any economic trees in this census division, even though there are some coconut trees these are in limited numbers and serve only to supplement their daily diet intake.

81. There are no real market garden ventures or enterprises in this area. Sometimes some of the villagers sell food to the mission at Kamberatoro but the mission reports that this is irregular. Also some of the closer villages sometimes come to Amanab to sell a small quantity of vegetables. Whenever a patrol goes through quite a great deal of fresh food is purchased but this is only in comparison to what is sold in the small scale 'markets'.

82. Much of the indentured labour is recruited from this area and upon their completion and return they would bring on the average 40 (forty) dollars in cash and forty dollars in personal effects. There is a high turnover of recruits which results in nearly all the young men going to plantation for a two year period.

83. Approximately \$5000.00 dollars has been spent on the Amanab Kamberatoro road received by villagers in this census division. Several hundreds of dollars was paid for labour on the Kamberatoro airstrip.

84. Another source of income is from carrying cargo for patrols - for Department of Agriculture, the Administration, Police, Public Health Department and the Amanab Local Government Council. This would amount to approximately \$200.00 dollars per year or \$2000.00 dollars over the past ten years.

85. There are no Co-operatives functioning in this area.

86. There are no outstanding entrepreneurs in this area.

87. The average per capita income figure for this area is approximately one dollar. This is calculated on approximated earnings from indentured labourers who have returned; from patrol expenses and labourers recruited by the council and/or government employees (special contracts etc.). This would vary from year to year depending on the number of patrols and if any major roads are constructed as previously when the main Amanab / Kamberatoro road was built.

88. The following villages would have more income per year than the others: Kamberatoro, Nimberatoro, Tarambek and Henggau since the villages are very close to the Kamberatoro mission which regularly employs men for various kinds of unskilled labour.

89. There are no marketing facilities in this area.

POSSIBILITIES OF EXPANDING THE ECONOMY:

90. As can be seen from the per capita income figures there is a real need for expanding the economy on realistic lines.

91. Problems of transportation and market facilities on a scale which would be economically feasible are not readily available. Therefore any further economic expansion must be initially on a local scale -i.e. within close proximity of the source of economic resources. Later, this expansion could reach other patrol posts such as Green Rv. and Imonda. However this depends on whether these other stations also develop pilot projects on a locally orientated basis.

92. The numerous government employees are always asking for fresh vegetables and meat but are not supplied by local villages to any efficient degree. Here then is one possibility. Some of the closer villages should be encouraged to produce more than on a subsistence level thereby receiving a monetary income which may be used to purchase goods not produced by themselves.

93. Another project at present in the planning stages is for a chicken project which will be a source of eggs, and meat at a lower cost than similar items from trade stores and those bought from centres such as Vanimo. It is envisaged that when sufficient quantities are bred that they will be sold to villagers who in turn will start their own businesses on a smaller scale at first -with encouragement to expand if practicable.

94. Fish are available in small quantities, but they are a commodity which only serve to supplement the staple diet. It would be impossible to use them in any economic way. None are everbrought to the station.

95. Indentured labour forms the major part of income for this area. With at least a third of all young men absent on plantations from each village.

96. Gold mining has been investigated in this area by a Gold mining assistant and he reports that some small quantities of gold have been found at Mamabra but the people are not working the creeks consistently. The Gold mining assistant reports that the people of Mamabra could earn \$11,000.00 dollars a year if they worked hard and consistently on it. He is at present attempting the instigation of sluice boxes there -however the people are somewhat apathetic in respect of this excellent economic source of high income.

97. ATTITUDE TOWARDS LOCAL GOVERNMENT COUNCIL:

The people of this census division have little understanding of the responsibilities and scope of a local council. They do not like paying the \$1.50 tax as they see nothing done for them in return. Whilst this is so there are two sides to it -one the council is very inactive and lazy in this area but, two, they do pay tax and can't see any material benefit. The councillors themselves with the exception of two or three are lazy and invariably offer nothing at council meetings. They are too prone to allowing the District Local Government Officer organize the council and accept anything he may put forward. This is also the case with the council clerk who also tends to have this overbearing attitude.

98. The people generally are not satisfied with the workings of the council.

ATTITUDES TOWARDS CENTRAL GOVERNMENT:

99. Generally the people in this area are not very clear on what the Central Government really is. I think many still associate it with Europeans not with their own people. Some of the men who have been away to plantations and understand pidgin English are more up to date with their understanding of the Central Government. Otherwise the people have little association with the central government. Political Education talks held at each village in the Dera Census Division indicated that little was clear on the workings of the Central Government. No animosity was expressed towards the government. In fact none offered any opinions in this regard.

ACCOMODATION, SERVICES AND FACILITIES:

100. There are no accomodation facilities except village rest houses but the mission is very hospitable at Kamberatoro in this. The rest houses are generally of sound construction and large enough to house a large patrol. Police rest houses are also to be found in all villages where a rest house is located for Patrol Officers.

101. The airstrip at Kamberatoro has irregular flights due mainly to the strip being more closed than open.

102. As mentioned in other paragraphs in this area study, there is a primary school and aid post located at Kamberatoro (centrally located in the Dera Census division area). There is also a two way radio.

103. There are three heli-pads located in this area- one at the following locations- Mamamba, Wahai and Bambruk (Bambel). All being in close proximity to the border.

ATTACHMENTS:

104. Map of the Dera Census Division.  
Population statistics (patrol report jacket).

*Marc Winfield*  
(M.L. WINFIELD)

Assistant Patrol Officer

## PATROL REPORT

Report number: 2 of 72/73

District: West Sepik

Patrol conducted by: E.C. ALLI

Area patrolled: PART WAINA SOWANDA

Duration of patrol: 3/10/72 - 13/10/72

Last D.D.A. patrol: 19-24th Sept. 1972

Last O.L.G. patrol: 24 August 1972

Map reference: Nil

Objects of patrol: Recapture Escaped Prisoners

Station: AMANAB

Subdistrict: AMANAB

Designation: Assistant District Officer

Personnel accompanying: 5 Members RPNGC

Number of days: 11

Total population of area:

Council area: WAINA SOWANDA

House of Assembly Electorate: BEWANI

The District Commissioner,

District,

Vanimo

In respect of this patrol, I attach

Field Officers Journal Folios 2/10 to 13/10/72 (✓)

Patrol Instructions, (✓)

The Report and my comments, (✓)

Area study, (✓)

Updating of area study, (✓)

Situation Reports No's 1- , (✓)

Patrol map, (✓)

DATE: 4/11/1972.

[Signature]  
Assistant District Commissioner

The Secretary,  
Department of the Administrator,  
Division of District Administration,  
KONEDOBU, Papua New Guinea.

In respect of this patrol, I attach

Area study, ( )

Updating of area study, ( )

Situation Report No's. 1- ( )

( )

[Signature] ( )

District Headquarters assessment of Above average

Patrol & Report. Average ✓

Below average

Date: 5/11/1972.

[Signature]  
District Commissioner



67-16-14

NLM:LM

P.O. Box 2396  
KONEDOBU

67-16-14

16th January, 1973

The District Commissioner  
West Sepik District  
P.O. Box 42  
VANIMO

AMARAB PATROL NO.2 - 1972/73

Reference your 67-3-3 of 5th January, 1973.

I acknowledge with thanks receipt of your Minute arising out of the above patrol of the WAINA SOWANDA Census Division, together with the appropriate assessment, as submitted by Mr. E.O. ALI, Assistant District Officer.

*S.J.P.*  
S.J. PEARSALL  
a/Secretary

67-16-14 (1)

67-3-3

Division of District Administration,  
District Headquarters,  
West Sepik District,  
VANIMO.



5th January, 1973.

Assistant District Commissioner,  
Sub-District Office,  
AMANAB.

AMANAB PATROL REPORT No. 2 of 1972/73  
PAPT WAINA SOWANDA CENSUS DIVISION

Thank you for this report on which the following comments are forwarded:

1. I do not appear to have received Amanab Patrol Report No. 1 and would appreciate your advice on this.
2. In order to maintain proper records future reports should be within the numbering sequence of the Station in whose administrative area the Census Division patrolled is located, in other words, as the WAINA SOWANDA Census Division lies within the Imonda administrative area the Imonda numbering sequence of Patrol Reports should have been used.

This is a straight-forward report on which no further comment is required. It will be necessary for further continuous administrative contact to be made in the Waina Sowanda to obviate this type of situation recurring.

Mr. Ali is to be congratulated on the way in which he encompassed the situation and the difficulties which arose during the course of the patrol.

*B. Bunting*  
B. BUNTING  
District Commissioner.

c.c.  
Mr. E.C. Ali,  
Officer-in-Charge,  
Patrol Post,  
GREEN RIVER.

c.c.  
The Secretary,  
Department of the Administrator,  
KONEDOBU.



The patrol was of a straight-forward nature and, as there is nothing of Headquarters' value in its content, copy only of the Report jacket is forwarded herewith for your records.

*B. Bunting*  
B. BUNTING  
District Commissioner

# PATROL REPORT

Report number: NO. 3  
District: WEST SEPIK  
Patrol conducted by: M.L. WINFIELD  
Area patrolled: URAI MISSION ENVIRONS  
Duration of patrol: THREE DAYS 31/10/72  
Last D.D.A. patrol: N.A. 2/11/72  
Last O.L.G. patrol: N.A.  
Map reference: ATTACHED

Objects of patrol: LAND INVESTIGATION=MISSION LEASE.  
Station: AMANAB  
Subdistrict: AMANAB  
Designation: ASSISTANT PATROL OFFICER  
Personnel accompanying: NIL  
Number of days: 3  
Total population of area: N.A.  
Council area: N.A.  
House of Assembly Electorate: N.A.

The District Commissioner,  
District,

*V. K. W. D.*

In respect of this patrol, I attach

Field Officers Journal Folios To	(✓)
Patrol Instructions,	(✓)
The Report and my comments,	(✓)
Area study,	( )
Updating of area study,	( )
Situation Reports No's 1-2	(✓)
Patrol map,	(✓)

DATE: 26/11/1973.

*[Signature]*  
Assistant District Commissioner

The Secretary,  
Department of the Administrator,  
Division of District Administration,  
KONEDOBU, Papua New Guinea.

In respect of this patrol, I attach

Area study,	( )
Updating of area study,	( )
Situation Report No's. 1-	( )
.....	( )
.....	( )
District Headquarters assessment of Patrol & Report.....	Above average Average Below average

Date: / /19

.....  
District Commissioner

67-16-20

P.O. Box 2396,  
KONEBOBU.

J.J.T  
CK.

7th March 1973

The District Commissioner,  
West Sepik District,  
VANIMO.

AMANAB PATROL NO.3- 72/73

Reference your 67-3-3 of 2/2/73

I acknowledge with thanks receipt of Situation Reports 1 to 2 arising out of the above patrol of KWGMTARI Census Divisions together with appropriate assessments, as submitted by Mr. M.L.Winfield- Assistant Patrol Officer.

The matter of recognition of junior officers as members of the Field Constabulary is currently with the Police Commissioner for his consideration.

Meanwhile, this should not bar a junior officer from carrying out investigation in urgent circumstances and if the officer is the only most immediate representative of authority.

I agree the second suicide could have been avoided had the Mission played its part in reporting the first.

You are reminded, and I would appreciate if you take up this matter with the Bishop at Vanimo.

C.C.LITLER,  
a/Secretary.

18767-16-20

7

West Sepik District,  
P.O. Box #2,  
VANUA

67-5-3  
RSG:lt



2nd February, 1973.

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

ALANAB PARCEL NO. 3 - 1972/73 : LAND INVESTIGATION - URAI

Your memorandum 67-2-5 dated 26th January, 1973, with  
attachments refers.

Thank you for this report on which I offer the following  
comments :-

- In view of the isolation and other factors applicable,  
Mr. Winfield acted correctly in completing an investigation  
of the additional land not covered in the mission applica-  
tion.
  - I shall approach the Bishop of Vanimo with respect to the  
reporting of such matters as the suicides.
  - Camping allowance claim will be processed.
- ... A copy of my comments on the situation report is attached.

*B. Bunting*  
B. BUNTING  
District Commissioner.  
*BB*

Minute to :

The Secretary,  
Department of the Administrator,  
KONEDOBU.

... Attached are two copies of relevant parts of the above  
mentioned report for your records, please.

*B. Bunting*  
B. BUNTING  
District Commissioner.  
*BB*



The District Commissioner  
District Office  
P.O. Box 42  
West Sepik District  
VANIMO

16th May, 1973

67-16-22

J.W. Kent  
Deputy District Commissioner

AMANAB PATROL NO. 4 OF 1972/73

Reference your minute of 6th March, 1973.

I acknowledge with thanks receipt of the Patrol Report Jacket arising out of the above patrol of the NAI-FARINGI and part AMANAB Census Divisions, as undertaken by Mr. N.E. PUKUR, Local Government Assistant.

W.P.R  
W.P. RYAN  
a/Secretary

POPULATION

DBA 67-16-22

- 2 -

D

Minute to :

The Secretary,  
Department of the Administrator,  
KONEDOBU.

The above refers.

... Two reports jackets for the patrol are forwarded herewith  
for your records.

*B. Bunting*  
B. BUNTING  
District Commissioner.

Minute to :

The District Local Government Officer,  
Office of Local Government,  
YAKO.

... Enclosed herewith are 2 copies of election report dated  
27th November, 1972, for your records, please.

B. BUNTING  
District Commissioner.





TERRITORY OF PAPUA AND NEW GUINEA

# PATROL REPORT

Report Number..... AMANAB NO. 5 of 1972 / 1973.

Subdistrict..... AMANAB

District..... WEST SEPIK

Type of Patrol..... CENSUS

Patrol Conducted by..... R.M. PRESS A.D.O.

Area Patrolled..... WAINA SOWANDA NO. 8  
 (Council and/or..... AMANAB LOCAL NO. 10  
 Census Division/s.)..... CENSUS DIVISION .

Personnel Accompanying Patrol

S.R. PEARSON ( P.O. )	O.I.C. IMONDA	W.S ONLY	1 AID POST ORDERLY
11 MEMBERS	R.P.N.G.C. ( 9 W.S. ONLY )		1 PROJECTIONIST
1 INTERPRETER			

Duration of Patrol—from 6 / 3 / 73 to 12 / 4 / 73 ( BROKEN )

No. of Days..... 18

Last D.D.A. Patrol to Area: AMANAB LOCAL 20/11/72 w/ SOWANDA 20/9/72

Date..... Duration.....

Objects of Patrol (Briefly) 1. WAINA SOWANDA - APPREHEND ESCAPEES  
 2. COLLECT L.G.C. TAX ; AMANAB LOCAL CENSUS

UPDATE AREA STUDY : POLITICAL EDUCATION , GENERAL ADMINISTRATION

Total Population of Area Patrolled..... 4100

The Secretary,  
 Department of the Administrator,  
 KONEDOBU.

Forwarded, please.

/ /19

District Commissioner.

POPULATION FIGURES

DATE	VILLAGE	TOTALS				ABSENTEES				GRAND
		CHILD		ADULT		CHILD		ADULT		TOTAL
		M.	F.	M.	F.	M.	F.	M.	F.	
6/4/73	AMERI	19	12	30	32	3	-	3	-	99
9/4/73	AKRAMINAG	23	16	27	27	3	-	8	-	104
11/4/73	AUPUMP	19	21	44	34	3	-	13	-	134
3/4/73	BAHARAT	3	1	5	3	3	-	1	-	16
5/4/73	LIPAN	18	19	23	18	4	-	7	2	91
4/4/73	ETNOCHNERT	29	12	32	27	3	-	8	1	112
11/3/73	IAFAR 1	19	17	26	24	3	-	-	-	89
11/3/73	IAFAR 2	9	8	20	16	-	-	2	-	55
11/3/73	IAFAR 3	14	7	21	14	-	-	-	1	57
6/4/73	IBAGUM	21	26	43	42	-	-	3	-	125
6/4/73	IFIGERI	13	5	12	14	-	-	6	-	50
11/4/73	IFRAMINAG	10	20	30	25	11	-	9	-	105
11/4/73	IVIBG	17	20	54	42	3	-	8	-	144
12/3/73	KABAINERI	15	5	16	16	5	4	19	8	88
13/3/73	KWOFINAU	30	39	52	50	1	2	20	1	195
10/4/73	MASINERI	12	14	20	21	-	-	3	-	70
10/4/73	MADURI	14	5	15	10	-	-	4	-	48
4/4/73	MUMAINERI	24	21	28	32	-	-	10	-	115
10/4/73	NAI 2	25	22	35	40	-	-	4	-	126
14/3/73	NAINERI	51	52	68	67	10	5	31	4	288
9/4/73	NANPAINERI	18	19	20	21	3	-	8	-	89

...

AND  
OTAL  
99  
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26  
88  
89

The District Commissioner  
West Sepik District  
P.O. Box 42  
VANUATU

10th October, 1973.  
67-16-61  
E.J. Maume  
District Officer  
(Projects)  
67-3-3  
25th September, 1973.

AMAHAB PATROL NO. 5 OF 1972/73

I acknowledge with thanks receipt of Situation Reports 1 and 2 arising out of the above patrol of WALIRA SOWANDA and AMAHAB LOCAL Census Divisions, together with the appropriate assessments and also the Area Study amendments, as submitted by Mr. R.W. MESSER.

Situation Reports have been distributed to appropriate Headquarters Branches for information and any action required.

*W.P. Ryan*  
W.P. RYAN  
a/Secretary

DDA 67, 16. 61

West Sepik District,  
VANUATU.



Assistant District Commissioner,  
Sub-District Office,  
AMANAB, N.S.D.

25th September, 1973  
67-3-3  
P.S. GALL  
D.D.C.

67-2-4  
29th June, 1973

AMANAB PATROL REPORT No. 5 of 1972/73  
AMANAB LOCAL CENSUS DIVISION

Thank you for the above report on which the following comments are made:-

1. Maximum use is to be made of the D.I.S.S. film unit at village level, as part of the increased social services and amenities programme to rural communities. In this regard I am hopeful that a third D.I.S.S. unit will be allocated this District within two months. If so it will be for use in the Amanab and Telefomin Sub-Districts.
2. The matter of wofneri road payments will be discussed with the Amanab Council at the October visit by Mr. Neva Teu, M.H.A., and the Deputy District Commissioner. You have correctly advised that the Government will not pay for previous work performed before the advent of the rural development programme some years ago. Likewise such minor access roads as this are a village level responsibility both to construct and to maintain. The Amanab Council, with its financial background, would set a dangerous precedent for itself paying out on this matter.
3. The Amanab community has only itself to blame for the low level of material gains received from its Council. When even the Walua Council constituents can pay a higher tax rate (notwithstanding the far greater monetary availability in the Amanab Council area) the Amanab people can expect little sympathy. However this matter has been raised with the Council many times and thus the onus for progress and development rests with it and the constituents. Your figure in the upgraded area study section on economy would support the area viability for an increased tax rate.
4. The patrol appears to have adequately and competently achieved its objectives.
- ... 5. Copies of comments on situation reports are enclosed.

*B. Bunting*  
B. BUNTING  
District Commissioner.

c.c. The Secretary,  
Department of the Chief Minister &  
Development Administration,  
KONEDCBU.

→  
... Relevant parts of the report in duplicate are forwarded herewith.

*B. Bunting*  
B. BUNTING  
District Commissioner.

AMAHAB LOCAL CENSUS DIVISION

AREA STUDY - UPDATING - APRIL 1973

B. POPULATION AND DISTRIBUTION TRENDS.

(a) As per figures endorsed on patrol jacket.

The census division population now stands at 3221 which is an increase of 109 over the last census figure. The last census was compiled during October 1970. The population groups are very stable in that there are virtually no migrations in or out, except of course new brides. The figure of 109 could be considered a natural increase which calculates out to be 1.2% per annum. This compares favourably with the last figure of a natural increase of 0.7%, with the 1969 figure showing a natural decrease of 0.6%. These figures indicate that the general health of the people is improving.

The figures quoted are not entirely accurate in that there would be numerous births over the past 2 1/2 years, which have not been recorded, and the child has not survived. The death rate, therefore, would be much higher than is indicated at present.

AMANAB LOCAL CENSUS DIVISION

AREA STUDY - UPDATING - APRIL 1973

M. THE ECONOMY OF THE AREA

- (d) Gold mining has provided a great boost to the local economy. The following is an estimate of the income for the census division for the past 12 months.

Market	: 100.00
Mission	: 150.00
Boarding School	: 250.00
Roads	: 15000.00
Bridges	: 200.00
P.H.D.	: 200.00
Patrols - D.O.A.	: 550.00
P.H.D.	: 100.00
L.G.C.	: 200.00
Police	: 100.00
Gold	: 13000.00
Council	: 1250.00
DDA Labour	: 2600.00
Elcom	: 250.00
Other Str. Lab.	: 200.00
Repatriated Lab	:
60 @ \$75	: 4500.00
Building Materials	: 200.00
Firewood	: 1000.00
	<hr/>
	\$29850.00

With a population of 3231 this gives a per capita income of \$9.24. This is a substantial income increase over the 1970 figure of \$2.20.

The Local Government council tax rate for the 1972/73 year was \$1.50 for males only. Per capital this works out to be about 50c .

HAN H. A.  
67-16-61

# PATROL REPORT

Station: AMANAB  
 Subdistrict: AMANAB  
 District: WEST SEPIK  
 Report No: 5 of 1973/73  
 Conducted by: R. H. PRESS  
 Designation: A.D.O.  
 Duration: 6/3/73 to 12/4/73 (6WK)  
 No. of Days: 18  
 Census Division: WAINA BOWANDA (18)  
 AMANAB LOCAL (10)

Population: 4100  
 Council Area: AMANAB AND WALSA (PT)  
 House of Assembly Electorate: BEWANI OPEN  
 Map Reference: BORDER SPECIAL No. 0014  
 Last Patrol: 20/9/72 - W/S  
 20/11/72 - A/L  
 Objects of Patrol:  
 (1) W/S Apprehend Fugitives  
 Collect Tax  
 A/L Cebs in  
 Area Study Updating  
 Political Education OO

The District Commissioner,  
 District,

WAINA BOWANDA



- In respect of this patrol, I attach
- Field Officers Journal Folios ( )
- Patrol Instructions, ( )
- The Report and my comments (✓)
- Area study, (X)
- Updating of area study, (✓)
- Situation Reports Nos 1-2 (✓)
- Patrol map, ( )

DATE: 19/6/1973

*[Signature]*  
 Assistant District Commissioner

Division of District Administration,  
 KONEDOBUBU, Papua New Guinea.

- In respect of this patrol, I attach
- Area study, ( )
- Updating of area study, (✓)
- Situation Reports Nos 1-2 (✓)
- ..... ( )
- ..... ( )
- District Headquarters assessment of
- Patrol & Report.....

Above average  
 Average ✓  
 Below average

Date: 28/9/1973

*[Signature]*  
 District Commissioner  
 1973

Govt. Print.-4452/10,000.-2.71.

DEPARTMENT OF THE CHIEF MINISTER & DEVELOPMENT ADMINISTRATION

P.O. Box 2396  
KONEDOBU  
Papua New Guinea

Ref.: 67-16-67  
Date: 21st November 1973

The District Commissioner  
West Sepik District  
P.O. Box 42  
VANIMO

RE:.....MANA.....PATROL NO...7.....OF 1972/73.  
CONDUCTED BY MR. M.L. MINFIELD  
TO.....NAI JARDINI.....CENSUS DIVISION.

... I acknowledge with thanks receipt of:-

- . Situation Report Nos. 1 & 2 ..... together with assessments. These have been distributed to appropriate Headquarters' Branches for information and any action required.
- . Area Study amendments/~~re~~compilation:

*W.P. Ryan*  
W.P. RYAN  
a/Secretary X



3

AMENDMENT TO AREA STUDY PATROL REPORT No.2 1970/71.  
PAGE 5  
SECTION H.

MISSIONS:

The missions have now established two pidgin literacy schools at PURUMUN and BIAKA in this census division. The C.M.L. mission has trained the indigenous persons for this task. Each school is supposed to teach reading, writing and speaking of pidgin english to those males and females within the 15 to 35 years age group.

→ 67-16-67

### PATROL REPORT

Report number: **SEVEN 6 72/73**  
 District: **WEST SEPIK**  
 Patrol conducted by: **MARC L. WINFIELD**  
 Area patrolled: **NAI FARINGI C.D.**  
 Duration of patrol: **14 DAYS 13/3/73 27/3/73**  
 Last D.D.A. patrol: **4/12/73**  
 Last O.L.G. patrol: **19/11/72**  
 Map reference: **ATTACHED**

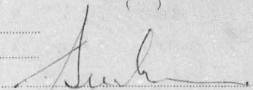
Object's of patrol: **ROUTINE CENSUS**  
 Station: **AMANAB**  
 Subdistrict: **AMANAB**  
 Designation: **ASSISTANT PATROL OFFICER**  
 Personnel accompanying: **RURAL DEV. OFF. POLICEMAN.**  
 Number of days: **14**  
 Total population of area: **1746**  
 Council area: **AMANAB**  
 House of Assembly Electorate: **BEWANI OPEN**

The District Commissioner,

District,  
Wewani

- In respect of this patrol, I attach
- Field Officers Journal Folios To ( )
- Patrol Instructions, ( )
- The Report and my comments, ( )
- Area study, ( )
- Updating of area study, (✓)
- Situation Reports No's 1-2, (✓)
- Patrol map, ( )

DATE: 17/3/73

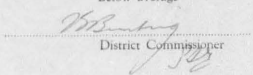
  
 Assistant District Commissioner

The Secretary,  
 Department of the Administrator,  
 Division of District Administration,  
KONEDOBU, Papua New Guinea.

- In respect of this patrol, I attach
- Area study, ( )
- Updating of area study, (✓)
- Situation Report No's. 1-2 (✓)
- ( )
- ( )

District Headquarters assessment of Average (✓)  
 Patrol & Report..... Below average

Date: 18/10/1973

  
 District Commissioner

POPULATION

Date of Census	Village	TOTALS (Excluding Absentees)				ABSENTEES (Resident outside Electorate)				Grand Total
		CHILD (Under 15 yrs)		ADULT		CHILD (Under 15 yrs)		ADULT		
		M.	F.	M.	F.	M.	F.	M.	F.	
17/3/73	AKRANI	13	11	28	15	4	6	17	5	99
16/3/73	AMANDAN/ UNUPAI.	22	18	33	33	2	2	16	4	130
21/3/73	BARIBARI	11	12	16	9	1	1	7	1	58
18/3/73	BIAKA	26	30	52	44	1	2	21	4	180
13/3/73	BIBRIARI	25	22	42	34	5	5	19	6	158
19/3/73	KONABASI	26	21	47	30	3	0	12	6	145
15/3/73	KWARAMUN	20	21	31	31	17	8	22	15	165
20/3/73	NAI NO.1	9	14	28	23	1	0	5	1	81
14/3/73	PURUMUN	30	15	37	26	6	0	7	4	125
22/3/73	SENEGI	17	9	18	13	5	5	10	10	87
23/3/73	WAMU	19	17	21	24	4	3	12	1	101
				218						
										1329 ✓

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THE ECONOMY OF THE AREA:

\$4,000.00 dollars was allocated to road construction in this census division. It is envisaged that this money will find its way to most of the workforce in this area before June 1973.

Approximately \$300.00 dollars are spent on patrols - medical agriculture, Administration, police .

Gold is beginning to be produced at Biaka but as yet none has been brought in for the mining assistant. The people of all the villages asked whether he (the Gold Mining Assistant ) may come to establish the gold prospecting potential.

Market income remains low due to the distance of transporting foodstuffs and the apathy expressed by the people .

The road through to Green River may stimulate some economic activity .

STAGE OF POLITICAL DEVELOPMENT:

The people in this area persist to remain unaware of political developments occurring in their country but I feel this is slowly being overcome with the increase in numbers of radios and the plantation workers returning from other parts of the territory. Almost all the males speak pidgin and the females at least understand it to hear even though not to speak.

The tax rate regarding council at Amanab, has been increased to two dollars from one dollar fifty (1.50). The people are well able to pay this amount since they may derive income from working on the Rural Development Roads and some marketing of fresh foods at Amanab.

The people understand the principle of self help with regards RDF but conveniently put the principle aside when they talk about how their payments for RDF work should be 'big money'.

A majority of the councillors have been elected obviously because they can be 'pushed' around at the whims of the people and because they are lazy themselves and therefore won't make or suggest that they themselves should work.



DEPARTMENT OF THE CHIEF MINISTER & DEVELOPMENT ADMINISTRATION

P.O. Box 2396

KONEDOBU

Ref.: 67-16-72

Date: 22/11/73

The District Commissioner  
West Sepik District .....  
HQ Box 42 .....  
WANIMO .....

RE:.....AMANAB.....PATROL NO.....7.....OF.....1972/73.....  
CONDUCTED BY MR.....MARG L. WINFIELD.....  
TO.....PART MAI FARINGI.....CENSUS DIVISION.

I acknowledge with thanks receipt of Patrol Report Jacket.

*W.P. Ryan*  
W. P. RYAN  
a/Secretary

DDA 67. 16. 72

(1)

West Sepik District,  
VANIMO.

Assistant District Commissioner,  
Sub-District Office,  
AMANKAB, W.S.D.

5th November, 1973  
67-3-3

J. Apini  
Associate D.O.

67-2-2  
16/7/73

AMANKAB PATROL REPORT No. 7 of 1972/73  
NAI FARINGI Census Division

Thank you for this report on which the following comments are made:-

1. The patrol was conducted on 9/4/73 and I have only received the report at this office on 20/7/73. This has been a considerable delay. In future ensure patrolling officers submit their reports promptly.
2. Two copies of Patrol jackets received but copies of the report were not enclosed in the jackets. Please forward copies as soon as possible.
3. Once again I must reiterate that a copy of the Field Officer's Journal is received with the report, not the original.

*B. BUNTING JA*  
B. BUNTING JA  
District Commissioner.

c.c. The Secretary,  
Department of the Chief Minister &  
Development Administration,  
KONEDOBU.

→  
... Herewith two patrol report jackets and relevant parts of the report.

*B. BUNTING JA*  
B. BUNTING JA  
District Commissioner.



HQ 1

### PATROL REPORT

Station: AMANAB Population: 1148  
 Subdistrict: AMANAB Council Area: AMANAB L.G.C.  
 District: WEST SEPIK DEPARTMENT OF THE CHIEF MINISTER House of Assembly Electorate: BEWANI  
 Report No: 9 of 1973/74 15 AUG 1974 Map Reference: BORDER SPECIAL SHEET 2  
 Conducted by: R. M. PRESS DISTRICT OFFICE VANIMO Last Patrol: AUGUST 1973  
 Designation: A.D.O. WEST SEPIK DISTRICT Objects of Patrol: 1. Census  
 Duration: 12/3/74 to 26/4/74 2. Update Area Study  
 No. of Days: 10 (15 officer days) 3. Council Water Supply Project  
 Census Division: DERA No. 13 4. Check border activity  
 5. Routine Administration.

The District Commissioner,  
 West Sepik District,  
 VANIMO

In respect of this patrol, I attach  
 Field Officers Journal Folios 51 To 58. (8)  
 Patrol Instructions, (1)  
 The Report and my comments, (1)  
 Area study, ( )  
 Updating of area study, (1)  
 Situation Reports Nos 1-2. (1)  
 Patrol map, ( )

DATE: 12/8/1974.

*John J. Anderson*  
 Assistant District Commissioner

Division of District Administration,  
 KONEDOBUBU, Papua New Guinea.

In respect of this patrol, I attach  
 Area study, ( )  
 Updating of area study, ( )  
 Situation Reports Nos 1- , ( )  
 District Headquarters assessment of  
 Patrol & Report..... Above average  
 Average ✓  
 Below average



Date: 26/12/1975.

*B. Syall*  
 District Commissioner

POPULATION

Date of Census	Village	TOTALS (Excluding Absentees)				ABSENTEES (Resident outside Electorate)				Grand Total
		Under 18 years		18 years and over		Under 18 years		18 years and over		
		M	F	M	F	M	F	M	F	
13/3	AKIHOHI	25	27	27	25	1	-	2	-	107
25/3	BARBOL	9	11	22	20	-	-	3	-	65
13/3	KARIBAYAGO	73	60	62	54	1	-	7	-	257
23/4	LEER	11	6	15	19	-	-	2	-	53
25/4	NINGEMAS	37	34	41	36	-	-	4	-	152
24/3	KINGOHI	54	39	66	33	-	-	4	-	196
24/4	NORRIFUI	7	6	14	12	-	-	3	-	42
25/4	NINGEMEI	26	16	29	12	-	-	1	-	84
24/4	OUERENGA	19	6	19	15	-	-	3	-	64
13/3	TARABUA	3	5	4	3	-	-	-	-	17
25/4	YARALINDA	26	24	30	26	-	-	6	1	111
		292	230	329	297	2	-	32	1	1148

POPULATION

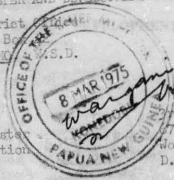
Date of Census	Village	TOTALS (Excluding Absentees)				ABSENTEES (Resident outside Electorate)				Grand Total
		Under 18 years		18 years and over		Under 18 years		18 years and over		
		M	F	M	F	M	F	M	F	
13/3	AKINGAI	25	27	27	25	1	-	2	-	107
25/3	BABOOL	9	11	22	20	-	-	3	-	69
13/3	KARIBATONG	73	60	62	54	1	-	7	-	257
23/4	LEHER	11	6	15	19	-	-	2	-	53
25/4	NANARIMA	37	34	41	36	-	-	4	-	152
24/3	NINGIAU	54	39	66	33	-	-	4	-	196
24/4	NONOVELI	7	6	14	12	-	-	3	-	42
25/4	NIDUBAI	26	16	29	12	-	-	1	-	84
24/4	ONORINDU	19	6	19	15	-	-	3	-	64
13/3	TARARUA	3	3	4	3	-	-	-	-	17
25/4	Y-MARLEBO	26	22	30	26	-	-	6	-	111
		292	230	329	257	2	-	37	1	1148

67-16-~~27~~28

Papua New Guinea

DEPARTMENT OF THE CHIEF MINISTER AND DEVELOPMENT ADMINISTRATION

District Administration  
P.O. Box 111  
VANUATU, N.S.D.



The Secretary  
Department of the Chief Minister  
and Development Administration  
HARBOR.  
VANUATU.

8th March, 1975  
7-3-4  
Woods  
D.O. Special Duty

TELEPHONE PATROL REPORT NO. 6 - 1974/75

Enclosed please find the above report submitted by MR. K. WINCHCOMBE,  
Assistant District Commissioner TELEFOON.

The report was well documented and the map was particularly well  
done.

Matters arising from this report will be further documented by this  
office after further consideration has been given.

For your information.

*J. Afina*

J. AFINA  
District Commissioner.

c.c. Assistant District Commissioner  
Sub-District Office  
TELEFOON.



67-16-80

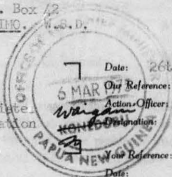
DEPARTMENT OF THE CHIEF MINISTER AND DEVELOPMENT ADMINISTRATION

TELEGRAMS:  
TELEPHONE:

District Office  
P.O. Box 42  
VANUHO, N.S.D.

PAPUA NEW GUINEA

The Secretary  
Department of the Chief Minister  
and Development Administration  
WARDI STRIP.  
NAIGANI.



Date: 26th February, 1975

Dist Reference: 67-3-3

Woods

D.O. (Special Duty)

Date:

ANANAB PATROL NO. 9 1973/74 - DEGA GENSUS DIVISION

... Enclosed please find the above patrol report.

The report is well written and informative.

The delay in submission of this report is regretted but the Staff situation has created delays in processing.

*P.S. Gall.*

P.S. GALL.  
s/District Commissioner.

c.c. Assistant District Commissioner  
Sub-District Office  
ANANAB.

## SITUATION REPORT No. 2

Simon..... ASALIG ..... Office Compiling..... L. M. BRISS  
 District..... WEST DISTRICT ..... Subdistrict..... AKIMARI  
 Census Division..... DETA (KAMBERO) ..... I.C. Council..... 433107

(For the reporting on information specifically of Headquarters value and requiring Headquarters knowledge or action. Information is required on matters of political significance, important trends in the economic and social structure, civil and unrest situations, law and order problems, and miscellaneous matters that Headquarters needs to know. One report will be compiled for each specific topic. Each to be submitted to Headquarters in duplicate.)

(Use reverse side if necessary)

Form 200-170740-000-077

Subject: ROADS // KAMBERORO (BORDER) ROAD

Work on the upgrading of the Kamal // Kamberoro Road is continuing. All bridges have been upgraded and repaired.

At the time of writing a tractor // trailer unit has traversed the 31 k.m. to Kamberoro.

The terrain around Kamberoro and Akimari is rugged and landslides are becoming a problem. This situation will continue for some time, until the recent excavations have consolidated and settled.

At this stage, the road is only suitable for dry weather 4 x 4 vehicular access. A considerable amount of money and work will be required to bring it up to all weather standard.

Nevertheless, access to the border and Kamberoro area has improved considerably and will greatly assist with the administration and economic development of the area.

Sgd.....

Date.....

15/1/74

## SITUATION REPORT No.

Page 1.

Station..... Officer Compiling.....  
 District..... Subdistrict.....  
 Census Division..... L.G. Council.....  
 Subject: ARAB/TA/BERBERO (BOUDER) ROAD

Subdistrict Officer Assessment Assistant District Commissioner

Date Received 1/1/74

work is continuing well on this road with the latest allocation of funds but a lot more work is still required before it can be considered as an all weather road. Surfacing material is not close to road works. Maintenance however is becoming a serious problem and funds will have to be made available to offset this. Bridges are very rudimentary and will need replacing with more permanent structures in the near future. Regrettably details of requirements were not included in the report.

This is an important road for border purposes but will assist materially in agricultural development and cannot be allowed to deteriorate to an impassable state that will require reconstruction

Action Taken:

*Peter J. Andrews*  
 Sgd. eter J. Andrews  
 Date..... 1/1/74

District Office Vanimo

Assessment District Commissioner

Date Received

15th August, 1974

Work on this road will continue with remainder of funds when allocated.  
The report was well done and it is regrettable that details of material requirements for bridges was not recorded.

Action Taken:

*P. S. Gall*

P. S. Gall, District Commissioner

Sgd.....

Date 26th February, 1975

Headquarters Comment (if any)

Date Acknowledged.....

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.....  
.....  
.....  
.....  
.....  
.....  
.....  
.....  
.....

Further Action on File.....



## SITUATION REPORT No. 1

Station..... AMANAB..... Officer Compiling..... R. M. PREES A.D.O.  
 District..... WEST SPTK..... Subdistrict..... AMANAB  
 Census Division..... DERA (BORDER)..... I.G. Council..... AMANAB

(For the reporting of information specifically of Headquarters value and requiring Headquarters knowledge or actions. Information is required on matters of political significance, important trends in the economic and social structure, cult and unrest situations, law and order problems, and miscellaneous matters that Headquarters needs to know. One report will be compiled for each specific topic. Each to be submitted to Headquarters in duplicate.)

(Use Reverse side if necessary)

Govt. Print.—1792/40,000.—5.72.

Subject: BORDER WATER SUPPLY

During the course of the patrol three water supply units were constructed. Each unit, one each at Bambol, Meenggau and Kamberatoro, consisted of a 1,000 gallon tank with a 400 square foot corrugated iron catchment,

It was originally intended to install well/pump units but this idea was dismissed due to the fact that as the villages are all situated on limestone ridges it would be very unlikely to strike potable water. Further, well/pump units are too mechanical and likely to be out of service more often than not. Further the iron roof has a practical use as a meeting house or any other use as decided by the village community.

The water supply units are very popular and are prestigious for this previously neglected border area. The image of the Amanab Local Government Council has improved considerably in the eyes of the taxpayers. The people in the area have voted to increase the tax rate for the 1974/75 year by 50%. The council has made provision in its 1974/75 estimates for water supply units in all other villages with the exception of Mongrovei. 56% of these funds will come from the Rural Improvement Scheme.

Not only do the water supply units provide a convenient source of healthy drinking water, but also minimises the possibility of endemic diseases in Irian Jaya spreading to Papua New Guinea via streams whose source are in Irian Jaya.

Sgd: 

Date: 15/7/74

## SITUATION REPORT No. 1

Station..... Officer Compiling.....  
 District..... Subdistrict.....  
 Census Division..... L.G. Council.....  
 Subject:.....

Subdistrict Officer

Assessment Assistant District Commissioner

Date Received

1/17/74  
 No lengthy consent required. Sangrevo village is the only one in the census division without tank catchment. This village is not adjacent to the border and has access to a good water supply. Nevertheless, the Council will be considering a unit to this village along with others for the sub-district in its next works programme.

It is essential in any border village or nearby village that people have access to clean water as an alternative in the case of endemic diseases spreading to this side.

Action Taken:

Sgd.....

Date.....

*John A. Anderson*  
*1/18*



67-16-62

District Office  
P.O. Box 42  
VAHIO W.S.D.

3rd February, 1975

67-3-3

R.M. Press

S.D.O.

67-2-3

9/7/74

The Assistant District Commissioner  
Sub-District Office  
AMTAB

AMTAB PATROL NO. 10 OF 1973/74

Receipt is acknowledged of the abovenumbered Patrol Report, submitted by John Masueng, (T...O.).

As stated by yourself Mr. Masueng has done an excellent job and is commended for his efforts.

Camping allowance claim has been funded and forwarded to Area Finance Officer Lee for payment.

*L. Waka*

L. WAKA  
District Commissioner.

c.c. The Secretary  
Department of the Chief Minister  
and Development Administration  
WAIGANI.

c.c. Mr. John Masueng  
Trainee Patrol Officer  
Administrative College  
WAIGANI.

*L. Waka*

District Commissioner

TERRITORY OF PAPUA AND NEW GUINEA

PATROL REPORT

REPORT NO. .... 10 OF 1973/74 .....  
SUB-DISTRICT..... AMANAB.....  
DISTRICT..... WEST SEPIK.....  
TYPE OF PATROL..... ROAD WORKS.....  
PATROL CONDUCTED BY..... JOHN WASUPU (I.P.S.).....  
AREA PATROLLED }..... PART AMANAB LOCAL C/2.....  
(COUNCIL AND/OR }.....  
CENSUS DIVISION/S).....  
PERSONNEL ACCOMPANYING PATROL.  
..... NIL.....  
.....  
DURATION OF PATROL - FROM 17/ 6 / 74 to 21/ 6 / 74  
NO. OF DAYS..... 4.....  
LAST DDA. PATROL TO AREA... 23/ 6 / 74.....  
DATE                      DURATION  
OBJECTS OF PATROL (BRIEFLY) ..... UPGRADE KAMBENATORO ROAD.....  
.....  
.....  
TOTAL POPULATION OF AREA PATROLLED.....

DIRECTOR OF DISTRICT ADMINISTRATION  
KONEDOBU

Forwarded please.

*L. Waka*

3 / 2 / 75

L. WAKA  
District Commissioner

*[Signature]*



TERRITORY OF PAPUA AND NEW GUINEA

PATROL REPORT

REPORT NO. .... 10 OF 1973/74 .....  
SUB-DISTRICT..... AMANAB .....  
DISTRICT..... WEST NEPIK .....  
TYPE OF PATROL..... ROAD WORKS .....  
PATROL CONDUCTED BY..... JOHN MASUNG (T.F.C.) .....  
AREA PATROLLED )..... EAST AMANAB LEGAL C/2 .....  
(COUNCIL AND/OR ) .....  
CENSUS DIVISION/S}.....  
PERSONNEL ACCOMPANYING PATROL.  
NIL  
.....  
.....  
DURATION OF PATROL - FROM 17/ 6 / 74 to 21/ 6 / 74  
NO. OF DAYS..... 4 .....  
LAST DDA. PATROL TO AREA..... 23/4/74  
DATE DURATION UPGRADE KANERATORO ROAD  
OBJECTS OF PATROL (BRIEFLY) .....  
.....  
.....  
TOTAL POPULATION OF AREA PATROLLED.....

DIRECTOR OF DISTRICT ADMINISTRATION  
KONEDOBU

Forwarded please.

3 / 2 / 75

*L. Waka*  
L. WAKA  
District Commissioner  
*W*

67-33 119

### PATROL REPORT

Station: AMANAB  
 Subdistrict: AMANAB  
 District: WEST SEPIK  
 Report No: 11 of 1973/74  
 Conducted by: G.F. PAYNE  
 Designation: A.D.O.  
 Duration: 1st June, mid August.  
 No. of Days: 10 days  
 Census Division: NAI - FARINGI

Population:  
 Council Area: AMANAB  
 House of Assembly Electorate: BEWANTI OPEN  
 Map Reference: BORDER SPECIAL  
 Last Patrol: APRIL  
 Objects of Patrol: Border development  
 establish cash crops, general administration.

The District Commissioner,  
 West Sepik District,  
 VANIMO.

In respect of this patrol, I attach

- Field Officers Journal Folios To ( )
- Patrol Instructions, (✓)
- The Report and my comments, (✓)
- Area study, (—)
- Updating of area study, (—)
- Situation Reports Nos 1—, (✓)
- Patrol map, (—)

DATE 27/9/74

*John A. Brokens*  
 Assistant District Commissioner

Division of District Administration,  
 KONEDOBUBU, Papua New Guinea.

In respect of this patrol, I attach

- Area study, ( )
- Updating of area study, ( )
- Situation Reports Nos 1—, (✓)
- ..... ( )
- ..... ( )

District Headquarters assessment of  
 Patrol & Report.....

Above average ✓  
 Average  
 Below average



Date: 18/2/75

*H. Waka*  
 District Commissioner

## SITUATION REPORT No. 1

Station AMANAB Officer Compiling G. F. PAYNE  
 District WEST SEPIK Subdistrict AMANAB  
 Census Division ROCKY PEAK YABALHAI L.G. Council GREEN RIVER  
 Subject: DEVELOPMENT SEPIK RIVER BASIN

Subdistrict Officer

Assessment Assistant District Commissioner

AMANAB

Date Received

25/9/74.

I consider this an excellent situation report compiled by an officer who from his own experience knows what he is talking about and I can offer little else by way of comment.

It certainly seems desirable to have an evaluation made of the area from Green River to Pagwi with the emphasis on the <sup>UTILIZATION</sup> integration of the one established asset the area has, the Sepik River.

One examination I think should be done, is an investigation into the type of craft most suitable on the upper reaches for use by commercial institutions operating on a large scale but in particular to ascertain craft most suitable and economic for local entrepreneurs operating out of Green River and Pagwi as they would form an important part in any transport system particularly as regards movement of crops produced locally.

Action Taken:

Sgd.

*Peter H. Andrews*

Date

27th September, 1974.



District Office Vairano

Assessment District Commissioner

Date Received

4/10/74

This is an excellent report from Mr. Payne.

Winfields of Sydney, N.S.W. Architects, have been commissioned to design a shallow draft vessel, capable of carrying at least 50 tons of cargo and a minimum number of passengers (6-10).

It is hoped plans will be available in time to submit a request for funds, for the 1975/76 fiscal year, to finance the project.

Action Taken:

Sgd. L. NAKA, District Commissioner.

Date. 17th February, 1975

Headquarters Comment (if any)

Date Acknowledged

Further Action on File

## SITUATION REPORT No. 1 of Patrol Report No. 11.

Station.....	AMANAB	Officer Compiling.....	G.F. PAYNE
District.....	WEST SEPIK	Subdistrict.....	AMANAB
Census Division.....	ROCKY PEAK, YABALHAI	L.G. Council.....	GREEN RIVER

(For the reporting of information specifically of Headquarters value and requiring Headquarters knowledge or actions. Information is required on matters of political significance, important trends in the economic and social structure, cult and unrest situations, law and order problems, and miscellaneous matters that Headquarters needs to know. One report will be compiled for each specific topic. Each to be submitted to Headquarters in duplicate.)

(Use Reverse side if necessary)

Govt. Print.—1792/40,000.—5.72.

Subject: THE DEVELOPMENT OF THE SEPIK RIVER BASIN.

This Situation Report covers several aspects and offers suggestions to initiate development along the Sepik River and its tributaries. It covers that portion upstream from Ambunti as far as Green River, a distance of approximately 240 miles.

The writer feels he is competent to write on this subject as he can draw on information collected over a period of almost six years in which time he has been in close association with the river and has made many observations.

At the present time if one should travel on the river a good deal of imagination is required to picture this area as being the future food bowl of Papua New Guinea, as to this date there has been no commercialism of any cash crops in the area. It is obvious however that the land adjacent to the waterway has considerable potential which is continually overlooked. In this time of a realisation for self sufficiency the Sepik River basin should be developed and this could be achieved at little cost when considering the probable returns.

The lower reaches of the Sepik River are now served regularly by coastal freighters which travel up as far as Ambunti and further up to the Freida River in times of high water. Little comment is required on this section of the river, however it is pointed out that most of the loading originates to serve the government stations of Angoram, Amboin, Pagwi, Ambunti and Ama with busy periods being created by influxes of private enterprise, generally in the form of mineral exploration companies. This is mentioned to emphasise the need for official government involvement to ensure a system of supply for the upper sections of the river be established. Once a regular transport system has been evolved cash crops in the form of rice, coffee, copra, rubber, sugar and possibly livestock can be considered with little fear of transportation difficulties and there would be every possibility that the transport system would become more efficient with the expected increased productivity.

...../2

Sgd: .....

Date: .....

It is obvious if the Government's intention to develop under developed areas is to be taken seriously attention must be paid to much of the area which surrounds the Sepik River. The most important consideration in any development proposal is the necessity for an efficient transportation system. There are few problems here as the area is already made up with a natural 'road' system, the water way and the only expenditure needed is that required to place on it suitable vessels.

At the present time there are no commercial vessels operating above Ambunti on a regular cargo service.

There have been occasions when villagers located along the river have produced copra, rice and crocodile skins which have never reached market due to the non availability of transport. The sight and memories of these wasted efforts remain long in the minds of the producer. It is difficult to motivate these persons again, particularly if they have had more than one such experience. Had there been a vessel operating which could have moved the produce the producer could have accompanied it to market, made his sales and returned to his village with the idea in mind that he must expand his enterprise if his trips to town were to become more rewarding.

Due to this lack of opportunity to take small amounts of saleable produce to market the average villager in the Sepik River Basin gains no experience in experimentation in cash cropping. This could be changed if there was a regular transport service available as villagers could then market their excess production and branch into cash crops.

PROBLEMS likely to be encountered.

It is suggested that the biggest problem lies in the administration of such a developmental proposal. The efforts of D.A.S.F., C.M. & D.A. and the Transport Authority would have to be well synchronized in order to be effective.

The area under consideration is administered from two district headquarters, that is Vanimo and Wewak this could present some problems in co-ordination but could be readily overcome by interdistrict exchanges at regular intervals.

A suitable vessel would have to be researched and possibly one built to fit the required specifications. Suggested specifications for the first such vessel would include;  
 The capacity to carry 15 - 20 tons of bulky materials,  
 Be able to maintain a cruise speed of 12 - 15 knots.  
 be highly manoeuvrable,  
 be of shallow draft, less than 5 feet,  
 the unit of propulsion be well protected and retractable, possibly a jet unit would be the answer against snag obstructions.  
 have a hull designed to create minimum of wake disturbance

...../3.

The vessels must be suitably crewed. It is felt that it is necessary to include the manning of the vessel as a potential problem area due to the writers past unfortunate experience with the crews of Government Workboats who have been found to be indolent, lazy and have showed a poor attitude when called upon to do their duty. It is possible to overcome the whole problem of the government operating the vessel by letting out a carrying contract to a private organisation with a subsidy being offered for each round trip, Pagwi - Green River - Pagwi until the service became economical.

River floods must also be taken into account. Unseasonable floods may set back cash cropping programmes if adequate allowances are not made. Again flood problems could be minimised by establishing river level recording stations at various locations. It is estimated that heavy rains in the headwaters of the Sepik River take 10 - 12 days to raise the water level 400 miles downstream.

One further problem which can be acted upon now is the removal of large trees and snags from the course of the river. Possibly an Army civil action group could hold an exercise in the area and have the snags cleared with explosives. For this work a time of low water must be chosen.

It would appear from the foregoing that extension services by various government departments couple with a regular cargo vessel run, Pagwi to Green River would do much to improve the success of cash cropping ventures in the Sepik River Basin and further enhance the government's aim of self sufficiency.

1. The Village

Arrangements for the collection of rice seedlings during the wet season were made. The seedlings were taken from the village and transported to the plantation. The seedlings were taken from the village and transported to the plantation. The seedlings were taken from the village and transported to the plantation.

Sgt ..... J.A.D.

Date 25th September, 1974.

During the planting operations the village was visited. The village was visited during the planting operations. The village was visited during the planting operations.

The conditions of the village were found to be satisfactory. The conditions of the village were found to be satisfactory. The conditions of the village were found to be satisfactory.

## PATROL REPORT No. 11 of 73/74

Station..... AMANAB ..... Officer Compiling..... G.F. Fayne  
 District..... West Sepik ..... Subdistrict..... AMANAB  
 Census Division..... Mai-Fariagi ..... L.G. Council..... AMANAB

(For recording of routine information not of a situation report nature, actionable at Subdistrict or District level, and of value to succeeding officers. No copy is required at Headquarters.)

(For further pages, use foolscap blanks.)

Govt. Print.—1797/40,000.—72.

As instructed by the Assistant District Commissioner's (Amanab) 67-1-1 of the 25th June, 1974 I patrolled areas of the Mai-Fariagi and Green River Local C/D's. The following report is compiled from resultant observations and information extracted during the exercise. Since the initial patrol there have been several day trips and brief patrols to the areas in question to follow up the work commenced on the first patrol. For this reason the report has been delayed until now, when the effort can be seen to have obtained some results.

THE AIM OF THE PATROL was to encourage many of the agricultural pursuits now open to the villagers of the international border region. Increase awareness with regards to the Council Roads Maintenance Rule and also the benefits derived from maintaining the road. Locate a site for the proposed new school in the near vicinity of Biaka Village.

Arrange for the collection of pig breeding stock, council and government supplies from Ambunti and Fagwi on the Sepik River. Carry out general administrative tasks as required including the publicity of the Governments Eight Point Improvement Plan.

RUBBER TREE PLANTING EXTENSION work was carried out at Biaka village the site chosen for rubber tree planting trials. Discussions were held on the subject and it became obvious that there was an element of interest in the plan, as had been expected.

The Councillor, Sali, is the main force behind the rubber tree venture. In the discussions held it was decided by the villagers that only those interested engage themselves, under the direction of Cr. Sali, in clearing the land for preparation of the rubber trees. It was suggested that 2½ hectares be cleared and planted. This determination was made in consideration that the block must be big enough to warrant tapping if the trial is successful but not so large that the villagers over extend themselves and have recourse for much complaint should the rubber trees prove unsatisfactory.

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Also supplies of planting materials are limited. The planting material is in the form of grafted root stock and 2,500 have been made available by Mr. Stuart Heare, D.A.S.F. Newak.

The area selected at Biaka is relatively flat and lies about 2 kilometres north of the main village site, on the Green River Vanimo highway route.

Two Agricultural Field Assistants were left to aid and assist in the initial ground preparation while the main body of the patrol moved onto Amini village in the Green River Council area to carry out similar extension work. At Amini Councillor Urapino was able to rally enthusiasm into his supporters and within a week had cut down  $\frac{1}{2}$  hectares of big jungle, ready for firing when dry.

Both villagers have now completed clearing the land and each have prepared approximately 200 holes. It has been recommended by D.A.S.F. that the holes be aerated for 4 to 6 weeks in order to sweeten the soils. The rubber root stock will be ordered for some time mid October.

RICE AND CHILLIE EXTENSION work was carried out in conjunction with the patrol. It was suggested that these crop could be interplanted in the rubber garden in order that the work involved in the preparation of the garden would give some financial return in the near future.

RICE has been grown in the area before the crop was encouraging however the administration was not geared to accept it at the time and it was discouraged. Cr. Sali related that the produce he carried in to Amanab received such a poor price that he had to withdraw money from his own savings account in order to pay the villagers for their involvement in the rice production. Cr. Urapino at Amini was one of two men in the Green River area to plant a large rice garden when rice was introduced again in mid 1973. The returns were good and the village was happy with the returns, there are now several gardens being attended. It may as well be pointed out again that the whole success of the rice industry at Green River hinges on the ability of one small low capacity rice huller to keep on going. Personally I would like to see a little more activity in obtaining a stand by machine as previously discussed during the Minister for Agriculture's visit in early June.


Chillie cash cropping has drawn little interest although further extension work could emphasise its advantages as a cash crop.

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CATTLE were discussed at Biaka. The villagers showed interest and promised to give the matter further thought. It was suggested they construct a track to the east of their village towards Konabasi for a distance of about three miles which would give them access to land east of the quarantine zone. The matter was left under consideration, however I feel nothing further will eventuate while left to the Biaka's initiative.

THE EIGHT POINT DEVELOPMENT PLAN was discussed on several occasions. The points on decentralisation and self sufficiency were stressed. The plan was generally thought to be a step in the right direction but again it was found hard to illustrate the plan with shining examples of its benefits in the area as the people are so slow to take advantage of government offers to assist with village development.

The Green River to Amanab road is the one bright spot in development in this area. It is often said by the villagers that they will wait until the road is open to motor vehicles before large scale cash cropping is commenced. To date the villagers have worked hard in getting the road to its present status and maintaining it. Money should be made available to allow at least a token effort be made in upgrading the road to tractor standard from both the Green River and Amanab end.

  
G.F. Payne  
Assistant District Officer.

12th September, 1974.