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# PATROL REPORTS

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# Papua New Guinea Patrol Reports

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PATROL REPORT OF: BALIMO . WESTERN . ACC. NO: 496

VOL. NO: 4 1958-1959 NUMBERS OF REPORTS: 1

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Territory of PAPUA AND NEW GUINEA

## PATROL REPORT

District of..... BALIMO S.D. WESTERN. Report No..... 1 - 58/59.  
Patrol Conducted by..... I.D. Gibbins C.P.O.  
Area Patrolled..... BAMU DELTA, GAMA RIVER AND DIBIRI PASSAGE.  
Patrol Accompanied by Europeans..... NIL  
Natives..... Police and Medical Orderly.  
Duration—From..... 7 / 10 / 1958 to..... 21 / 11 / 58  
Number of Days..... 44  
Did Medical Assistant Accompany?..... No.  
Last Patrol to Area by—District Services..... /..... / 1956  
Medical ..... 956  
Map Reference..... Australasian Petroleum Company Survey Map. (Copy attached)  
Objects of Patrol..... (1) Census revision (2) Tax collection (3) Medical inspection (4) Education survey (5) Construction of Aid Post.

Director of Native Affairs,  
PORT MORESBY.

Forwarded, please.

27 / 1 / 1959

John H. H. H. H.  
District Commissioner

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

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

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



32-4-54

XXXXXX  
FOHEDJ

The District Officer,  
Western District,  
D.A.R.S.

1st September, 1954.

RAZING PATROL REPORT 1 - 1953/54

Receipt is acknowledged.

The Report discloses a not very encouraging outlook for the people concerned by the patrol.

It would seem that resettlement is the only answer to the problem. However, you are no doubt aware of all the difficulties especially in convincing primitives living in the most inhospitable terrain to leave their ancestral terrain. It is noted you have asked the advice of the District Commissioner on the future welfare of these people. He is undoubtedly in a far better position to judge the possibilities than this Headquarters.

A lucid, and interesting Report, although not very encouraging from the Administrative angle.

I would be interested to see a copy of the District Commissioner's reply to you concerning these people. Two copies of the map will be forwarded when available.

(A. J. Roberts)  
Director



DEPT. AT.

TERRITORY OF PAPUA AND NEW GUINEA



In Reply  
Please Quote

No. 38-1-1.

District Office,  
Western District,  
DARU

6. March, 1959.

Memorandum to:

The Director,  
Department of Native Affairs,  
PORT Moresby.

Subject: BALING PATROL REPORT, 1/58-59 - BANG DELTA,  
GARA RIVER, DIETRI CASSEGE - L.L. GIBBINS, C.P.O.

Reference: Mr. Kleckham's report to the Director of Agriculture,  
No. 32 - 1 - 7D of the 24/4/57.

1. It is obvious that Mr. Gibbins has devoted time and effort to this patrol and his report is well set out.
2. This area is a most "depressed" one and it would appear that the only permanent solution is that of re-settlement, difficult though such a move may be. Both Mr. Kleckham's and Mr. Gibbins' reports are sorry reading and would indicate that the only other way in which economic development could take place would be in the unrestricted sale of labour, with a consequent breaking up of village life and an ultimate dying out of the population. Some small production of copra could possibly be encouraged but this, according to Mr. Kleckham, is strictly limited and would, no doubt, be partially at the expense of their food consumption which is low enough at the present time.
3. Some immediate relief could be given in the field of education and, particularly, health. An European Medical Assistant would need to be posted at the proposed Bishing Patrol Post, whereat some medical buildings, from the A.P.C. Honow camp, are at present being constructed. Constant medical attention is necessary in an area such as this and particularly so in view of the fact that these people are slow to travel any distance for medical attention.
4. Mission educational facilities are negligible and Administration educational facilities are required. The area has a history of sale of labour and many of its people command good positions with Australasian Petroleum Company. Education would not be amiss in this area and it is hoped that the proposed school does, in fact, become a reality.
5. At least one, and, preferably, two Native Agricultural Assistants could well be posted to the area in order to promote the clearing of the neglected coconut groves and the planting of an increased variety of subsistence crops.

*Francis Robb*  
F.P.V. Robb  
District Officer.

TERRITORY OF PAPUA AND NEW GUINEA.

File: 30-1/15.

Sub-District Office,  
BALIMO, W.D.

14th. January, 1939.

The District Officer,  
D. A. R. U.

BALIMO PATROL No. 1 - 56/59.

I. B. GIBBINS, C.F.O.

Two copies of the above are enclosed for perusal and re-forwarding.

Mr. Gibbins has submitted a good report and has apparently conducted his patrol with diligence. He has done three tax-census divisions during the one patrol because they were all very overdue for a D.N.A. visit. The middle Bamu and Wawoi division will be patrolled early in February.

hourly inundation

The comments on dysentery/are/interesting although somewhat disturbing. With twelve hourly inundation in most villages it is scarcely surprising that dysentery takes such a toll. Adequate and safe sanitation is the obvious answer to this, but the problems of providing this are formidable. I cannot think of a simple, cheap answer.

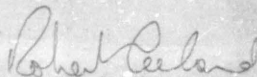
I agree with Mr. Gibbins' remarks on sub-normality. It is most obvious. The results of a neurological survey would be interesting.

When one surveys the economic potential of the Bamu area, one cannot but be pessimistic. Considered with geographical topographical and sociological conditions in general, it is hard to foresee any future for these people not involving some sort of resettlement. Even the Bamu River Mission with over 20 years experience of the Bamu, can see no future.

The slackened interest of the people in the Mission, would appear to be due in part to a slackened scale of activities on the part of the Mission itself. Nevertheless, it seems that the Bamu native has little time for Christianity, preferring his spiritual well-being (or otherwise) to be in the hands of the numerous sorcerers.

I agree with Mr. Gibbins recommendation referring to the Villages GARU and ARAGI.

If the map is to be printed, could I have two copies please.

  
.....  
(Robert Cleland) C.I.C.



TERRITORY OF PAPUA AND NEW GUINEA.

Sub-District Office

BALIMO.

18th December, 1958.

The Assistant District Officer,  
Balimo,  
WESTERN DISTRICT.

BALIMO PATROL REPORT No.1. 1958-59.

Officer Conducting  
the Patrol :-

I.D.Gibbins. Cadet Patrol Officer.

Area Patrolled :-

Bamu Delta, Dibiri Passage and  
Gama River.

Personnel Accompanying :-

Reg.No.7148 Constable Kaide.

Reg.No.9971 " Suwimalan.

N.M.O. Taipe.

Duration :-

Out. Tuesday 7th, October.

In. Friday 21st, November.

Total Days on Patrol - 44.

Objects of Patrol.

- (1) To make a complete census revision of the areas visited.
- (2) To collect the ten shillings head tax imposed on the Bamu Delta and Dibiri Tax Census Divisions for 1958.
- (3) To supervise the construction of a permanent Aid Post in the Bamu Delta.
- (4) To see that a thorough medical inspection was carried out of all natives in conjunction with the census checks.
- (5) To do a preliminary education survey of the areas visited and to select a suitable site for a proposed new school, in the Bamu Delta.

## INTRODUCTION.

During the patrol many stories were heard regarding the origin of the present Bamu and Gama River villages and the following short compilation of these is thought to be of interest.

Originally there was only one village in the Bamu Delta - situated on Dibiri Creek about thirty minutes inland by canoe from the present village of Bamio on the North Bank. From here sprang the present villages of Torobina, Aniada, Bamio, Upati, Bunigi, Darave, Sibara, Sirupira No. 1 and 2. As can be seen from the map, these new villages have remained in close proximity to one another and much social intercourse and intermarriage still takes place between them.

The villages of Sogeri, Mirua, Wakau, Sisiane, Oropai and Bina all originated from a village called Mabo - near the present site of the Bamu River Mission station on the middle Bamu. During the 18th Century, continual friction and fighting came to a head and caused the old village to split - a large faction going down river to settle on Aramia Island near Guio Creek (see map). This new village evidently remained intact for some fifty to a hundred years before domestic disputes and fighting between clans caused it to break up, one clan remaining at Guio (Sisiane) while the other two - Oropai and Bina - settled at separate sites on Upulba Island. These three villages have since divided again - one section breaking away from Oropai and forming Wario village while the divisions of Sisiane and Bina have simply been named 1. and 2.

The people of Maipani and Tirere villages on Dibiri Island migrated from Wabada Island possibly about 1800 when Dibiri Island was still in the process of formation. Although some intermarriage has taken place between these people and those of the lower Bamu, the former resent being included in the Bamu Census Division - they being a Wabada-Kiwai speaking group looking on their neighbours as inferior types.

Similarly on the Gama River the population was once congregated in two large villages - one at Bell's Point called Gomerowa and the other at the present site of Gimere village - called Giboro. A bad dysentery outbreak in Gomerowa resulting in many deaths caused most of the survivors to leave and settle in the Gama River and these people formed the present villages of Airua, Birori, Namaete, Magewi, Giwaretore and Maisavi. The upper Gama Villages of Ukusi and Koparami are breakaways from the old Giboro village.

The 'bush people' living on the North Bank Fly, namely the villages of Damera, Waribodoro, Kenami, Mugu, Pagana and Domori are the descendants of two clans which migrated from Giboro down the Gama River and across the Bamu Delta about a century ago. They have since intermingled with the nearby Gogodera and Kiwai villages.

DIARY.

Tuesday 7th October, 1959.

Travelling by single hulled canoes the patrol departed BALIMO 1040 hrs accompanied by Mr. E.M.A. Petras and Mr. E.O. White. Passing Kara and Kebane villages en route, the patrol reached Kenewa village at 1840 hrs and slept.

Wednesday 8th October.

Left Kenewa 0815 hrs and arrived Kurea village 1245hrs, passing Waia, Saiwasi and Garu villages. Lined people of Kurea village for medical inspection by Mr. Petras. Slept.

Thursday 9th October.

Departed Kurea 0800hrs and after 10mins. walk reached the Bamu River. Proceeded upriver to Bamu River Mission arriving 0830hrs. Hired three outrigger canoes and paddlers from nearby Iowa village and left on falling tide. Mrss. Petras and White returned to Balimo. Reached Sogeri village 1420 hrs. Census revised, tax collected and village medically inspected by accompanying N.M.O.

Friday 10th October.

Inspected Sogeri gardens in a.m. In afternoon carried out census, tax collection and medical inspection at Mirua - 10 mins. downstream by canoe from Sogeri. Slept.

Saturday 11th October.

Preliminary investigation of two cases of adultery at Mirua - both cases sent to Balimo. Departed 1100hrs by canoes, arriving Wakau village 1315 hrs. Slept.

Sunday 12th October.

Observed at Wakau.

Monday 13th October.

Census, tax collection and medical inspection at Wakau. Departed 1030 hrs arriving Sisame No.2 1330hrs. Inspected proposed site for new Aid Post nearby then crossed river to look at another possible site. Returned and slept at Sisame.

Tuesday 14th October.

Inspected Sisame No.2 village then supervised repairing of houses, draining ground and building pig fence. Held meeting in afternoon with V.O's of Oropai, Koayisi, Bina, Terere and Pirupiru as regards provision of timber for N.M.O's house at Aba Aid Post site. Also informed them of intended route of patrol. Slept Sisame.



DIARY (Cont.)

Wednesday 15th October.

Census revised, tax collected and medical inspection carried out at Sisiamé No.2. Construction of Aid Post and N.M.O. house begun at old Aba Police Base <sup>site</sup> adjacent to Sisiamé. Slept Sisiamé.

Thursday 16th October.

By canoe to Sisiamé No.1 - 30 mins. Village censused, people medically inspected and tax collected. Slept.

Friday 17th October.

Departed Sisiamé No.1 0730 hrs, arriving Oropai village 0900hrs. Census revised, tax collected and people medically inspected. In p.m. inspected site of proposed new Sisiamé No.1 village at Guio Creek. Slept Oropai.

Saturday 18th October.

Left Sisiamé 0850hrs, arriving Bina No.2 1300hrs. Census, tax collection and medical inspection carried out. Slept.

Sunday 19th October.

Observed at Bina No.2.

Monday 20th October.

By canoe to Nabio Island - 45mins. Census, tax collection and medical inspection at Bina No.1. In p.m. walked to Wario village - 30mins. and carried out census revision, tax collection and medical inspection. Slept Wario.

Tuesday 21st October.

Waited till 1000hrs for rough sea to abate then crossed to Dibiri Island, arriving Maipani 1200hrs. Census, tax collection and medical inspection in afternoon. Slept Maipani.

Wednesday 22nd October.

Inspected Maipani school (B.R.M.) while waiting for low tide. Departed 1000hrs, walking along beach and arriving Terere village 1230hrs. Census, tax collection and medical inspection carried out. Slept.

Thursday 23rd October.

Inspected Seventh Day Adventist School, new housing scheme and copra dryers. Further medical treatment administered by N.M.O. Departed 1230hrs by motumotu canoe and arrived Aba Police Post 1600hrs. Slept.

DIARY. (Cont.)

Friday 24th October.

Supervised building of new Aid Post using timber from ex A.P.C. camp at Komewu.

Saturday 25th October.

Further supervision of Aid Post. Began construction of wharf. Slept Aba.

Sunday 26th October

Observed at Aba.

Monday 27th October.

Left Aba 0800hrs, arriving Keavisi 1000hrs. Census, tax collection and medical inspection. One case of assault sent to Balimo. Slept.

Tuesday 28th October.

Departed Keavisi 0800hrs, arriving Amagoa village 0900hrs. Census revised, tax collected and people medically inspected. Four cases of Tuberculosis sent to Balimo Hospital. Slept Amagoa.

Wednesday 29th October.

By canoe to Etere village - 1 hour. Census, medical inspection and tax collection. One case of assault sent to Balimo for trial. In p.m. by canoe to Asaramio - 1 hour. Census, tax collection and medical inspection carried out. Slept Asaramio.

Thursday 30th October.

By canoe to Tapapi - 1½ hours against tide. Census revised, tax collected and people medically inspected. Slept Tapapi.

Friday 31st October.

Proceeded to Bimaramio village - 1 hour with tide by canoe. Census, tax collection and medical inspection. Slept.

Saturday 1st October.

Departed Bimaramio 0700hrs by canoe. Travelling all day and night.

Sunday 2nd October.

Arrived Balimo Station 0300hrs. Spent day at Balimo in discussion with O.I.C.

Monday 3rd October.

Departed Balimo Station by canoe 0900hrs. Arrived Kerewa 1700hrs. Slept.

DIARY. (Cont.)

Tuesday 4th November.

Left Kenewz 0800hrs, travelled all day and arrived Arikinapi village 2000hrs. Slept.

Wednesday 5th November.

Census, medical inspection and tax collection at Arikinapi. Departed 1130hrs, arriving Sisime No.2 1700hrs. Slept.

Thursday 6th November.

Supervision of work on Aid Post and wharf in a.m. Departed 1200hrs and arrived Anisdal 0500hrs. Census, tax and medical inspection carried out. Left 1700hrs and arrived Bamio 1830hrs. Slept.

Friday 7th November.

Census, tax collection and medical inspection at Bamio in a.m. Departed 1300hrs for Upati -  $\frac{1}{2}$  hour by canoe. Census, tax and med. inspect Slept Upati.

Saturday 8th November.

By canoe along Dibiri Creek to Bunigi village - one hour. Census, med. inspection and tax collection carried out then on to Darave - half an hour by canoe. Census, tax and med. inspection. Slept Darave.

Sunday 9th November.

Observed at Darave.

Monday 10th November.

Left Darave 0800hrs, arriving Sibara 0930hrs. Census revision, tax collection and medical inspection. Two minor disputes settled. In p.m. to Pirupiru No.1 - 30mins. by canoe. Census, tax collection and med. inspection. Slept.

Tuesday 11th November.

By canoe to Pirupiru No.2 - one hour. Preliminary investigation of two cases of assault - both sent for trial to Balimac. Census, tax collection and medical inspection carried out. Slept.

Wednesday 12th November.

M.V. 'Jade' arrived 0930hrs. Mr. P.O. Cleland aboard. Joined the 'Jade' which departed 1000hrs travelling up the Gama River and arriving at Ukusi village 2330hrs. No rest house here so returned to Koparami village and slept - 30mins downstream.

Thursday 13th November.

Census revision and medical inspection of Ukusi and Koparami villages at Koparami. Slept. Mr. Cleland departed on 'Jade' for North Bank Fly 0600hrs.



DIARY (Cont).

Friday 14th November.

Departed Koparami 0500hrs by canoe with tide, arriving Gimereme 0800hrs. Census and medical inspection carried out. Slept.

Saturday 15th November.

Left Gimereme 0630hrs by canoe with tide, arriving at junction of Wabi and Gama Rivers 0715hrs. Proceeded against tide up Wabi River and reached Binori village 0945hrs, passing Airua village en route. Census revised and people medically inspected. Slept Binori.

Sunday 16th November.

Observed at Binori.

Monday 17th November.

Departed Binori 0630hrs, arriving Airua village 0730hrs. Census and medical inspection at Airua. Left 0930hrs and arrived Namate 1050hrs. Census and medical inspection carried out then on to Magive village in afternoon. Census and medical inspection at Magive. Slept Magive.

Tuesday 18th November.

Left Magive 0800hrs by canoe to Gimureto - 30 mins. Census revised and people medically inspected. One case of assault investigated. In afternoon continued down river to Maisavi - one hour. Slept Maisavi.

Wednesday 19th November.

Census and medical inspection carried out at Maisavi. One case of assault and one of adultery investigated - both cases sent for trial at Balimo. M.V. 'Urangah' arrived 1100hrs. Loaded 'Urangah' with mangrove poles for Aba Aid Post then boarded it and proceeded on to Ibuc village arriving 1300hrs. Census and medical inspection then departed 1600hrs, arriving Torobina 1900hrs. Slept.

Thursday 20th November.

Census revision, tax collection and medical inspection at Torobina. Inspected B.R.M. school. Left 1100hrs by 'Urangah' to Aba Aid Post - mangrove poles unloaded then continued on to Kurea arriving 1900hrs. Slept.

Friday 21st November.

Departed Kurea 0530hrs by 'Urangah' to Balimo Station arriving 1500hrs. End of patrol.

END OF DIARY.

#### NATIVE AFFAIRS.

The last patrol to visit the three census divisions namely Bamu Delta, Dibiri and Gama River was that made by Mr. A.D.O. Wakeford in 1956. Since then the three areas have been closed to recruiting and this, together with the fact that all A.P.O. labourers have returned to their villages, has had the desired effect of stabilizing village life. However these returned men are a far from happy lot for, having seen the outside world, they realize it has been their misfortune to be born in what must surely be one of the most God-forsaken areas of the Territory. What gross misdeeds they have committed to be compelled to stay here by the government is beyond their comprehension for they clearly look on the ceasing of recruitment as a form of punishment - of a most severe kind.

Having had much time to ponder on ways and means of escaping from their dreary home life, no fewer than forty recruits volunteered for service in the R.P.&N.G.G. during this patrol. The idea of resettlement was mentioned many times by the author with a view to ascertaining their trends of thought on the subject. However, the village elders who still hold much sway were, as might be expected, strongly against the idea.

Despite the lapse in patrolling, these areas are proving much more law abiding than in past years and relatively few complaints were brought before the patrol for magisterial attention. On the other hand, the absence of a thorough medical patrol to the Dibiri and Bamu Divisions for about four years could be clearly seen by the numerous cases of yaws treated on this patrol. The census figures tell the story of dysentery outbreaks which go unchecked each year and serve to prevent the population from increasing - that of 1957 was responsible for 79% of deaths in the Bamu Delta.

#### LAW AND ORDER.

The author has no court powers and therefore only investigated complaints before sending the parties concerned to the A.D.O. Balimo for hearing in the C.N.M. Of these sent the following number of cases received sentences.

Adultery - 2  
Assault - 5

The moral standards of the Bamu, Dibiri and Gama River as is well known, are low, and consequently adultery is still rife in these areas. However, it would appear that only if the fun is not shared on both sides is a case brought before an officer.

## HEALTH AND HYGIENE.

### Gama River.

The health in this area was surprisingly good, due mainly to a recent patrol by an R.M.A. from Kikori in February of this year. Apart from four tropical ulcers, little medical attention was needed. Each village had well constructed latrines emptying into the river and all appeared to be used.

### Bamu Delta.

Here the position was the reverse. It is estimated that dysentery accounted for 70% of deaths in this area last year. In a population of only 2,996 there were 160 deaths - 112 of which are believed to have been caused by dysentery. After having spent six weeks in the sea of mud and filth and seen the conditions under which these people live, the author found it easy to understand why outbreaks of this disease take such a heavy toll of lives.

As stated previously, a thorough medical patrol had not been carried out in the Bamu for over three years - the two patrols made by a medical officer in 1955 and 1956 being unsuccessful as most of the populace 'went bush' and very few were examined. During this patrol the following number of cases were <sup>treated</sup> successfully by the accompanying N.M.O. in conjunction with the census checks - at which there was a 100% attendance in every case.

Yaws	- 110
Tropical Ulcer	- 30
Scabies	- 34
Granuloma	- 4
Dysentery	- 5
Boils	- 32
Pneumonia	- 3
Septic Sores	- 130
Tinea	- 67
Common Cold	- 8

All cases requiring prolonged treatment were sent to the Aba Aid Post, while the granuloma patients were dispatched to Balimo hospital.

### Dibiri Passage.

The state of health here was similar to that in the Bamu, with dysentery again being responsible for the majority of deaths. Of a total of 54 deaths, 34 were alleged to have been caused by dysentery. Tuberculosis would also seem to be rife here and eight patients with obvious T.B. glands were sent to Balimo hospital. These 'bush' people appear to be afflicted with some mental disease - the author gaining the impression that at least 50% of the population are mentally deficient.



## HEALTH AND HYGIENE (Cont.)

### Dibiri Passage (cont)

The following number of cases were treated during the patrol - use again being made of the Aba Aid Post to send patients requiring further penicillin injections etc.

Yaws	- 25
Tropical Ulcer	- 6
Boils	- 5
Septic Sores	- 30
Tinea	- 38

### Health in General.

Apart from the appalling conditions under which these people live, their lethargy and apparent low standard of intelligence could possibly be attributed to the enormous quantities of sago which, by necessity and custom, they consume. The following percentages, representing the average diet of this area, are approximations arrived at after much questioning and personal study.

Sago	- 70%
Wild pig	- 10%
Crabs, prawns and fish	- 8%
Pumpkin	- 5%
Cocunut	- 3%
Native cabbage	- 2%
Sweet potato, yams	- 2%

The following items are also eaten occasionally : sago grubs, birds, flying fox, marsupials, bananas, sugar cane, native asparagus, pineapples and wild fruits.

Wild pigs abound in these sago swamps due to (1) small population (2) few shotguns (3) abundance of food in the form of sago. As a result of this pig is killed and eaten almost every other day - all the meat being shared on a village communal basis.

Sago forms the basis and is often the only item of every meal, always being eaten in a hard dry form. The common method of cooking is to wrap it in a sago or biri leaf which is doubled over and tied in a cylindrical fashion about 12 - 15 inches long and two inches diameter. It is then roasted over hot coals for about fifteen minutes. Cocunut is eaten in small quantities, both green and dry but always in its raw state - never cooked or mixed with sago. The poor type of cooking banana grown here is generally consumed by boiling in its skin and eating it with meat.

### ABA AID POST.

The site of the new aid post is where the old Aba Police Base Camp once stood, and is separated from the village of Sisiam No.2 by Aba Creek - hence the name by which it is known throughout the Bamu.

#### ARA AID POST (Cont).

Construction of the Aid Post was begun during the writers ~~major~~ sojourn in the area and consists of  
(a) a large kipa type house for a married medical orderly  
(b) a permanent building constructed of timber from Komewu ex.A.P.C. camp and measuring 20 x 16 feet.

(c) two 25 x 15 feet native material barracks for accommodation of patients receiving treatment.

At the time of departure of the patrol, the N.M.O.'s house was built and the other buildings nearing completion.

The two medical orderlies staffing this post are doing a most efficient service and are to be commended. As a result of the patrol all the people in the areas visited now know of the Aid Post and its functions and are patronising it fully. On one visit the author found forty patients <sup>some</sup> (from as far as the Gama River) camped there and receiving treatments for yaws, tropical ulcers and dysentery.

#### HOUSING.

##### Gama River.

The slow mode of travelling on this patrol gave these people ample time to hear of its presence in the Bamu and set about rebuilding houses. As a result the housing was of an exceptionally high standard, most rest houses having been rebuilt on a plan the author had carried out at Wakaui village - early in the Bamu patrol. The traditional long house or 'Mubu' is still used in most of these villages - one of the main reasons for the construction of same appearing to be the alleviation of the mosquito menace which, during much of the year is practically unbearable. Smoke from the numerous cooking fires acts as an admirable mosquito repellent. Another important factor in favour of this type of dwelling is the dire need for a large community hall where social intercourse can take place regardless of the perpetual quagmire conditions existing outside. Furthermore the children can play in here under observation of their parents and thus avoid the risk of drowning or contracting pneumonia during the numerous wet periods and high tides.

##### Bamu Delta.

The housing here left much to be desired, although the return of the menfolk from A.P.C. had made them at least livable - which is evidently a better state than previous officers had seen them. However the village pigs make a permanent morass in the ground under and around the dwellings and with few exceptions they are a sordid sight.

##### Dibiri Passage.

The housing here was similar if not worse than that of their neighbours in the Bamu, but having once seen these miserable dull witted people one does not expect any better.

### SORCERY IN THE BAMU.

The presence of sorcery in the Barua and Dibiri Rivers was brought to light by the authors interest in two carved wooden crocodiles - one of which was found in Mirua village and the other at Bazio. After much questioning it was revealed that the images were made for use in 'sibora' or crocodile sorcery which is evidently still practised, though surreptitiously, in these areas. While the author was supervising construction at the Aba Aid Post, a man from a Dibiri village whose legs had been mauled by a crocodile was brought in for treatment. Though his wounds were not serious, the patient was in a very depressed state being firmly convinced he was the victim of 'sibora' sorcery.

This type of sorcery is allegedly practised in the following manner. A wooden carving of a crocodile - about two feet in length - is first made by the sorcerer who then obtains some mud from the footprint of his intended victim. This he takes to his house, places it in a box and allows it to dry. Then when the time for disposal of the victim is eminent the mud is placed in the mouth of the carving which is placed in the water and secured to the bank by a short line tied to its tail. The name of the victim is then uttered several times and the crocodile pointed in the direction where he is likely to enter the water. It is left floating here for five to six days. Crocodile fatalities are numerous enough here for at least one <sup>intended</sup> victim to be taken by chance and so boost the prestige of that particular sorcerer who quickly makes his success widely known.

### CENSUS AND STATISTICS.

Of the three census divisions visited, a decrease in the total population was recorded in each case. As stated previously, this is a direct result of the dysentery outbreaks which occur mainly during the 'wet' season each year.

#### Bamu Delta.

Total population 1956 (corrected)	-	2,908.
" " 1958	-	2,896.
Decrease in population	-	12.
Total no. of deaths	-	165.
Estimated no. deaths from dysentery	-	115.

#### Dibiri Passage.

Total population 1956 (corrected)	-	797.
" " 1958	-	779.
Decrease in population	-	18.
Total no. of deaths	-	55.
Estimated no. deaths from dysentery	-	30.

#### Guan River.

Two villages, namely Binori and Airua were not censused in 1956 and hence the grand total for this division has been amended



#### CENSUS AND STATISTICS (Cont).

using their 1955 totals in order to give a clear picture of the population trend.

Total population 1956 (corrected)	- 433.
" " 1958	- 431.
Decrease in population	- 2
Total no. deaths	31.

#### ANTHROPOLOGY.

The peoples of the Bamu, Bibiri, and Gama Rivers being descendants of nomadic tribes have no history of land tenure. No individual land ownership exists - all land being vested in the community, with each village having its recognised sago grounds. When the father of a family dies, his pigs are all killed and eaten by the whole village at a funeral feast and hence there is little if anything to be inherited by his son.

Singsings in these areas are more pantomime in nature than those of other coastal tribes and no dressing up occurs. They resemble somewhat the corroborees of the Australian aboriginal in so much as they sing and dance the actions of, for example, catching a big fish, killing a pig or telling the story of a long canoe journey made by some forebears. The dance is generally accompanied by someone parading a carved wooden object to help illustrate the story. For example, during one song and dance describing the journey of a man and woman by canoe from Wabada Island up the Dibiri and Aramia Rivers, a small canoe about five feet long and containing the wooden statues of a male and female is carried up and down in front of the dancers. In another, a wooden carving of a large fish - six feet in length - is pulled round on a trolley during the song and dance describing its catching.

The buying and selling of children in the Gama River referred to in Mr. A.D.O. Wakeford's report is actually an old marriage custom of this area, as well as the Bamu. When a girl reaches the age of two she is betrothed to a boy whose parents then make regular gifts of food to the girl's family until she reaches the age of about thirteen. A payment is then made by the boy or his parents (depending on his age) to the girl's parents and the marriage is consummated for the first time. Occasionally consummation takes place at an earlier age though the boy will rarely admit to sleeping with his girl bride - well knowing the attitude of the Government.

#### TAX.

The tax patrol of the Bamu Delta and Dibiri census divisions was just in time to catch the last of the rapidly diminishing A.P.C. payrolls. With few exceptions all those eligible

TAX (Cont).

paid. The total amounts collected were :

BAMU DELTA	- £218 - 10 - 0
DIBIRI PASSAGE	- £ 53 - 10 - 0
<u>TOTAL</u>	- £272 - 0 - 0

Unless these two divisions are re-opened to limited recruiting the people will find difficulty in paying future taxes as the economic potential of the area is practically nil.

ECONOMIC POTENTIAL OF THE BAMU, DIBIRI AND GAMA RIVER.

Owing to the extremely limited acreage of arable land in these divisions there is little foreseeable economic potential offering. The only two cash crops here are (a) sago - which after a three day journey can be sold in small quantities to the Government store at Balimo (b) copra - the sale of which is made difficult by the absence of transport to Daru for long periods of time and the limited quantities which can be produced in most villages. The exceptions to this are the villages of Malpaul and Tirere which between them are capable of producing about twelve tons of copra per year. These villages, situated on Dibiri Island, are a Kiwai speaking people whose initiative places them on a scale far above the rest of the Bamu. They have already arranged through the Kiwai Local Government Council - in which they wish to be included - to have hot air dryers constructed in their village and have begun replanting of coconuts on a large scale.

The new Tirere village composed of twenty large kipa type houses with adzed wooden floors, was built under supervision of ex A.P.C. carpenters and could be held as an example to any village in Papua.

MISSION INFLUENCE.

The once strong influence of the Bamu River Mission in the Delta area would now appear to have dwindled to insignificance. Only one B.R.M. school at Torobina is still functioning, with an irregular attendance of twenty pupils, in charge of a native teacher. Both English and the local vernacular are taught here.

The influx of Seventh Day Adventist native teachers from Kerema which arrived in the Bamu Delta in 1955 and the corresponding evangelistic campaign waged by them has produced no results. All S.D.A. activity in the area is now confined to a school and church at Tirere, which village they probably realise is the most pleasant, progressive and faithful in the area. Teaching at the school is done by a native teacher in the Kiwai vernacular. At Oropei and Firvipira villages, the patrol was shown two empty houses which are occupied by native teachers for short intervals during the year. However, these natives appear to do little else than squat in the village until recalled to Ogararo for further training.

# EDUCATION SURVEY.

During the patrol a preliminary education survey, as requested by Mr. E.O. White, was undertaken with the following objects in view :

- (1) to ascertain the attitude of village elders to the construction of a village higher school in the Bamu
- (2) to select a suitable site for the proposed school - central to the population
- (3) to assess the total number of boys and girls in the 4 - 12 age group in the Bamu Delta.

The village councillors and elders were wholeheartedly in favour of a school in their area and promised their full support and co-operation if one was built.

Regarding a suitable site - the best position would be on ground adjacent to the Aba Aid Post near the village of Sisiamé No.2. This is quite central to the population, particularly those villages which sent pupils to Balimo School this year and who would obviously form the nucleus of the proposed new school. The following are the numbers of children in the 4 - 12 age group.

<u>VILLAGE</u>	<u>No. of BOYS</u>	<u>No. of GIRLS</u>
SOGERI	17	9
MIRUA	6	17
WAKAU	13	4
SISIAME No.1	18	15
SISIAME No.2	15	12
OROPAI	6	11
BINA No.1	16	12
BINA No.2	24	14
WARIO	16	8
MAIPANI	37	26
TIGERE	40	42
ANIADAI	8	5
RAMIO	11	11
UPATI	11	11
BUNIGI	32	21
DARAVE	5	10
SIBARA	12	5
PIRUPIRU No.1	21	16
PIRUPIRU No.2	13	22
TOROBINA	23	30
<u>GRAND TOTAL</u>	<u>349</u>	<u>261</u>

A copy of this information has been given the Education Officer at Balimo.



CONCLUSION.

I reiterate the remarks of previous officers in stating that the areas visited on this patrol must surely be amongst the poorest in the Territory, as regards both the terrain and the inhabitants. The slow mode of travel and the rather lengthy duration of the patrol allowed the author to experience the feeling of depression induced by the continual presence of mud, slush and flies in which these people eke out their existence. It can be easily understood why every able bodied man volunteered for recruitment before these areas were closed.

It is obvious that the only means available for the majority of these people to earn an income is by the sale of their labour and therein, I think, lies the only solution to an otherwise impossible problem in an impossible area. With many of the former labour pools of the Territory 'drying up' as ~~the~~ cash cropping gains momentum, the plantations of the Papuan coast can always be assured of a constant supply of labour from this area. However, strict supervision will have to be maintained to ensure that certain unscrupulous recruiters do not over recruit the only too willing population and once again wreak havoc in village life.

The former East Aramia Census Division comprising the villages of Kebani, Kenewa, Wais, Saiwasi, Garu and Aragi has now been included - with the exception of Garu and Aragi - in the Gogadala Local Government Council. It is therefore suggested that in future Garu and Aragi be included in the Dibiri Census Division as both these villages were originally from that area.

END OF REPORT.



(I.D. Gibbins) C.P.O.

## VILLAGE POPULATION REGISTER

YEAR 1958

BAMU DELTA CENSUS DIVISION

Govt. Print.—4875/9.52

VILLAGE	DATE OF CENSUS	BIRTHS		DEATHS												MIGRATIONS				ABSENT FROM VILLAGE STUDENTS						LABOUR POTENTIAL				FEMALE		No. of Children under 15 years of age	Average of Family	TOTALS (excluding absentees)				GRAND TOTAL
				0-4 Mth.		0-1 Year		1-4		5-8		9-13		Over 13		Females in Child Birth	In		Out		Inside District		Outside District		Govt.		Mission		MALES		FEMALES			Child	Adults			
				M	F	M	F	M	F	M	F	M	F	M	F		M	F	M	F	M	F	M	F	M	F	M	F	M	F	M				F	M+F		
		M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M+F						
ANIADAI	6/11/58	1	2			2						2	3		2	3	1	1		1	2				7	9	2	12	2	11	23	16	9	12	5	31+24		
BAMIO	7/11/58	5	2					1	1			5	2			1	5		16						5	25	5	37	1	37	16	24	19	12	46	117		
BINA No.1	20/10/58	5	2											2	2	3	6	4	3	2	3	2			10	42	6	36	3	34	1	8	29	13	44	49	148	
BINA No.2	18/10/58	2	6									4	5			1		6	2	3	9	6			12	44	11	39	7	44	1	4	34	28	38	38	164	
BUNIGI	10/11/58	5	11			1	1					5	6		6	2	1	5		26	2				13	48	8	46	2	45	1	7	48	39	33	50	195	
DARAVE	10/11/58	2	1			1						2	2		2		3	3		11					3	15	4	17		16	1	3	7	13	11	19	61	
IBUO	19/11/58	3	5					1	1	1	2	2	2		1					11					14	35	5	44	1	42	2	0	40	33	41	57	182	
MAIPANI	21/10/58	2	1									2	1		1	1		1	1	1			1	4	12	50	6	45	12	46	1	9	53	44	63	57	225	
NIHUA	10/10/58	3	5	1				1				2	3		4	5	3	6		20	3	2			3	40	9	27	2	28	1	3	15	28	31	35	132	
OROPAI	17/10/58	5	3					1							8	10	4	2	1	3	6	2			3	17	4	19		20	1	7	15	14	24	26	91	
PIRUPIRU No.1	11/11/58	6	9			1		2				1	7	2			2	4		2					10	26	6	30	2	29	2	4	34	31	26	35	128	
PIRUPIRU No.2	12/11	4	5					1					1		2	3									11	30	10	33	2	31	2	1	26	33	33	35	127	
SIBARA	11/11/58	2										1	5			1			11						4	18	1	16		14	1	5	14	7	9	16	57	
SISIAME No.1	16/10/58	4	7					1	1			6	14			2	4	5	4	8	2				9	41	10	35	2	39	1	7	32	26	37	18	167	
SISIAME No.2	5/10/58	5	4					2	1			2	4		9	9	4	8		12	2				12	30	6	26		27	2	5	26	22	25	31	118	
WONERI	9/10/58	5	5									3	1		3	2	3		1	1					8	23	3	29	4	32	2	0	24	18	34	33	111	
TIREAS	22/10/58	5	3	1		2	1			1		8	1		3	1	4		1			3			16	73	13	73	13	68	1	8	62	57	59	95	307	
TORORINA	20/11/58	11	5			3	1	1				1			2		4	1		4					9	46	13	45	3	46	2	3	46	45	48	57	200	

## VILLAGE POPULATION REGISTER

YEAR 1958

Govt. Print.—487—1953.

VILLAGE	DATE OF CENSUS	BIRTHS		DEATHS												MIGRATIONS				ABSENT FROM VILLAGE								LABOUR POTENTIAL		FEMALES		Size of Family	TOTALS (excluding absentees)				GRAND TOTAL						
				0-1 Mth.		0-1 Year		1-4		5-8		9-13		Over 13		Females in Child Birth		In		Out		Inside District		Outside District		Govt.		Mission		MALES	FEMALES		Females under 15 years bearing children	Child	Adults								
		M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F				M+F								
UPATI	8/11/58	4	3					1						1	2			3	3	5	3			11					5	18	4	17	2	15	2-0	19	17	14	18	79			
WAKAU	13/10/58	4	2					2			1			5	5			2	1	9	3			3					6	26	3	23	1	24	2-0	28	7	30	30	98			
WARIO	20/10/58	3	4	1										1	1			3	1	5	8			3	3				11	29	8	29	4	31	1-6	30	21	33	41	131			
Y																																											
		84	86	4			7	6	9	6	2	4	2	1	62	62		54	48	55	64			14	3	151	5	29	8	4	4	183	68	137	67	63	679		612	640	687	628	2896



# VILLAGE POPULATION REGISTER

DIBIRI CENSUS DIVISION

YEAR 1958

Govt. Print-1972/8/2

Govt. Print.—4752/4-52

VILLAGE	DATE OF CENSUS	BIRTHS		DEATHS												MIGRATIONS				ABSENT FROM VILLAGE AT WORK				LABOUR POTENTIAL				FEMALES	No. of Families	TOTALS (excluding absentees)					GRAND TOTAL								
				0-1 Mth.		0-1 Year		1-4		5-8		9-12		Over 13		Females in Child Birth	In		Out		Inside District		Outside District		Govt.		Mission			MALES		FEMALES		Regular		Semi-regular	Average Size of Family	Child		Adults			
				M	F	M	F	M	F	M	F	M	F	M	F		M	F	M	F	M	F	M	F	M	F	M	F		M	F	M	F					M	F	M	F	M	F
		M	F	M	F	M	F	M	F	M	F	M	F	M	F		M	F	M	F	M	F	M	F	M	F	M	F		M	F	M	F					M	F	M	F	M	F
AMAGOA	28/10/58	9	10											2	7		3	4	4				2						7	37	7	37	2	35	20	35	43	41	52	173			
ARJINAPI	5/11/58	1	2			1		2						3			2	1	9	7		7							6	30	8	26		24	21	22	20	31	29	109			
ASARAMIO	29/10/58	7	8					1		1				5	6		4	3	6	6		1							11	32	3	27		24	22	32	27	39	40	139			
BIMARAMIO	31/10/58	3	8			1		1	1					1	3		3	5	8	5		3							4	37	3	31	2	33	15	22	22	36	39	122			
ETERE	29/10/58	1	1											3	1		1		2	2									1	11	3	12	1	10	10	3	9	18	18	48			
KOAVISI	27/10/58	1	6			1					1			4	6		2	3	6	4		1							5	21	6	18	3	19	14	13	25	28	27	94			
TAPAPI	30/10/58	3	2								1			1	2		3	3		1		6							4	22	1	28	3	27	18	15	14	25	34	94			
		25	37			1	2	1	4			1	2	13	30	1	18	19	37	25		20							38	190	31	179	10	172		142	162	182	31	779			

# VILLAGE POPULATION REGISTER

GAMA RIVER CENSUS DIVISION

Govt. Print.—1874-9-52.

YEAR 1958

VILLAGE	DATE OF CENSUS	BIRTHS	DEATHS																MIGRATIONS								ABSENT FROM VILLAGE AT WORK												LABOUR POTENTIAL								Pregnant Women	Number of Children under 5	Average Size of Family	TOTALS (excluding absentees)						GRAND TOTAL																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
			0-1 Mth.		0-1 Year		1-4		5-8		9-13		Over 13		Females in Child Birth	In		Out		Inside District		Outside District		Govt.		Mission		Males		Females		Child		Adults																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
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			10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69		70-74	75-79	80-84	85-89	90-94	95-99	100-104	105-109	110-114	115-119	120-124	125-129	130-134	135-139	140-144	145-149	150-154	155-159	160-164	165-169	170-174	175-179	180-184	185-189	190-194	195-199	200-204	205-209	210-214	215-219	220-224				225-229	230-234	235-239	240-244	245-249	250-254		255-259	260-264	265-269	270-274	275-279	280-284	285-289	290-294	295-299	300-304	305-309	310-314	315-319	320-324	325-329	330-334	335-339	340-344	345-349	350-354	355-359	360-364	365-369	370-374	375-379	380-384	385-389	390-394	395-399	400-404	405-409	410-414	415-419	420-424	425-429	430-434	435-439	440-444	445-449	450-454	455-459	460-464	465-469	470-474	475-479	480-484	485-489	490-494	495-499	500-504	505-509	510-514	515-519	520-524	525-529	530-534	535-539	540-544	545-549	550-554	555-559	560-564	565-569	570-574	575-579	580-584	585-589	590-594	595-599	600-604	605-609	610-614	615-619	620-624	625-629	630-634	635-639	640-644	645-649	650-654	655-659	660-664	665-669	670-674	675-679	680-684	685-689	690-694	695-699	700-704	705-709	710-714	715-719	720-724	725-729	730-734	735-739	740-744	745-749	750-754	755-759	760-764	765-769	770-774	775-779	780-784	785-789	790-794	795-799	800-804	805-809	810-814	815-819	820-824	825-829	830-834	835-839	840-844	845-849	850-854	855-859	860-864	865-869	870-874	875-879	880-884	885-889	890-894	895-899	900-904	905-909	910-914	915-919	920-924	925-929	930-934	935-939	940-944	945-949	950-954	955-959	960-964	965-969	970-974	975-979	980-984	985-989	990-994	995-999	1000-1004	1005-1009	1010-1014	1015-1019	1020-1024	1025-1029	1030-1034	1035-1039	1040-1044	1045-1049	1050-1054	1055-1059	1060-1064	1065-1069	1070-1074	1075-1079	1080-1084	1085-1089	1090-1094	1095-1099	1100-1104	1105-1109	1110-1114	1115-1119	1120-1124	1125-1129	1130-1134	1135-1139	1140-1144	1145-1149	1150-1154	1155-1159	1160-1164	1165-1169	1170-1174	1175-1179	1180-1184	1185-1189	1190-1194	1195-1199	1200-1204	1205-1209	1210-1214	1215-1219	1220-1224	1225-1229	1230-1234	1235-1239	1240-1244	1245-1249	1250-1254	1255-1259	1260-1264	1265-1269	1270-1274	1275-1279	1280-1284	1285-1289	1290-1294	1295-1299	1300-1304	1305-1309	1310-1314	1315-1319	1320-1324	1325-1329	1330-1334	1335-1339	1340-1344	1345-1349	1350-1354	1355-1359	1360-1364	1365-1369	1370-1374	1375-1379	1380-1384	1385-1389	1390-1394	1395-1399	1400-1404	1405-1409	1410-1414	1415-1419	1420-1424	1425-1429	1430-1434	1435-1439	1440-1444	1445-1449	1450-1454	1455-1459	1460-1464	1465-1469	1470-1474	1475-1479	1480-1484	1485-1489	1490-1494	1495-1499	1500-1504	1505-1509	1510-1514	1515-1519	1520-1524	1525-1529	1530-1534	1535-1539	1540-1544	1545-1549	1550-1554	1555-1559	1560-1564	1565-1569	1570-1574	1575-1579	1580-1584	1585-1589	1590-1594	1595-1599	1600-1604	1605-1609	1610-1614	1615-1619	1620-1624	1625-1629	1630-1634	1635-1639	1640-1644	1645-1649	1650-1654	1655-1659	1660-1664	1665-1669	1670-1674	1675-1679	1680-1684	1685-1689	1690-1694	1695-1699	1700-1704	1705-1709	1710-1714	1715-1719	1720-1724	1725-1729	1730-1734	1735-1739	1740-1744	1745-1749	1750-1754	1755-1759	1760-1764	1765-1769	1770-1774	1775-1779	1780-1784	1785-1789	1790-1794	1795-1799	1800-1804	1805-1809	1810-1814	1815-1819	1820-1824	1825-1829	1830-1834	1835-1839	1840-1844	1845-1849	1850-1854	1855-1859	1860-1864	1865-1869	1870-1874	1875-1879	1880-1884	1885-1889	1890-1894	1895-1899	1900-1904	1905-1909	1910-1914	1915-1919	1920-1924	1925-1929	1930-1934	1935-1939	1940-1944	1945-1949	1950-1954	1955-1959	1960-1964	1965-1969	1970-1974	1975-1979	1980-1984	1985-1989	1990-1994	1995-1999	2000-2004	2005-2009	2010-2014	2015-2019	2020-2024	2025-2029	2030-2034	2035-2039	2040-2044	2045-2049	2050-2054	2055-2059	2060-2064	2065-2069	2070-2074	2075-2079	2080-2084	2085-2089	2090-2094	2095-2099	2100-2104	2105-2109	2110-2114	2115-2119	2120-2124	2125-2129	2130-2134	2135-2139	2140-2144	2145-2149	2150-2154	2155-2159	2160-2164	2165-2169	2170-2174	2175-2179	2180-2184	2185-2189	2190-2194	2195-2199	2200-2204	2205-2209	2210-2214	2215-2219	2220-2224	2225-2229	2230-2234	2235-2239	2240-2244	2245-2249	2250-2254	2255-2259	2260-2264	2265-2269	2270-2274	2275-2279	2280-2284	2285-2289	2290-2294	2295-2299	2300-2304	2305-2309	2310-2314	2315-2319	2320-2324	2325-2329	2330-2334	2335-2339	2340-2344	2345-2349	2350-2354	2355-2359	2360-2364	2365-2369	2370-2374	2375-2379	2380-2384	2385-2389	2390-2394	2395-2399	2400-2404	2405-2409	2410-2414	2415-2419	2420-2424	2425-2429	2430-2434	2435-2439	2440-2444	2445-2449	2450-2454	2455-2459	2460-2464	2465-2469	2470-2474	2475-2479	2480-2484	2485-2489	2490-2494	2495-2499	2500-2504	2505-2509	2510-2514	2515-2519	2520-2524	2525-2529	2530-2534	2535-2539	2540-2544	2545-2549	2550-2554	2555-2559	2560-2564	2565-2569	2570-2574	2575-2579	2580-2584	2585-2589	2590-2594	2595-2599	2600-2604	2605-2609	2610-2614	2615-2619	2620-2624	2625-2629	2630-2634	2635-2639	2640-2644	2645-2649	2650-2654	2655-2659	2660-2664	2665-2669	2670-2674	2675-2679	2680-2684	2685-2689	2690-2694	2695-2699	2700-2704	2705-2709	2710-2714	2715-2719	2720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