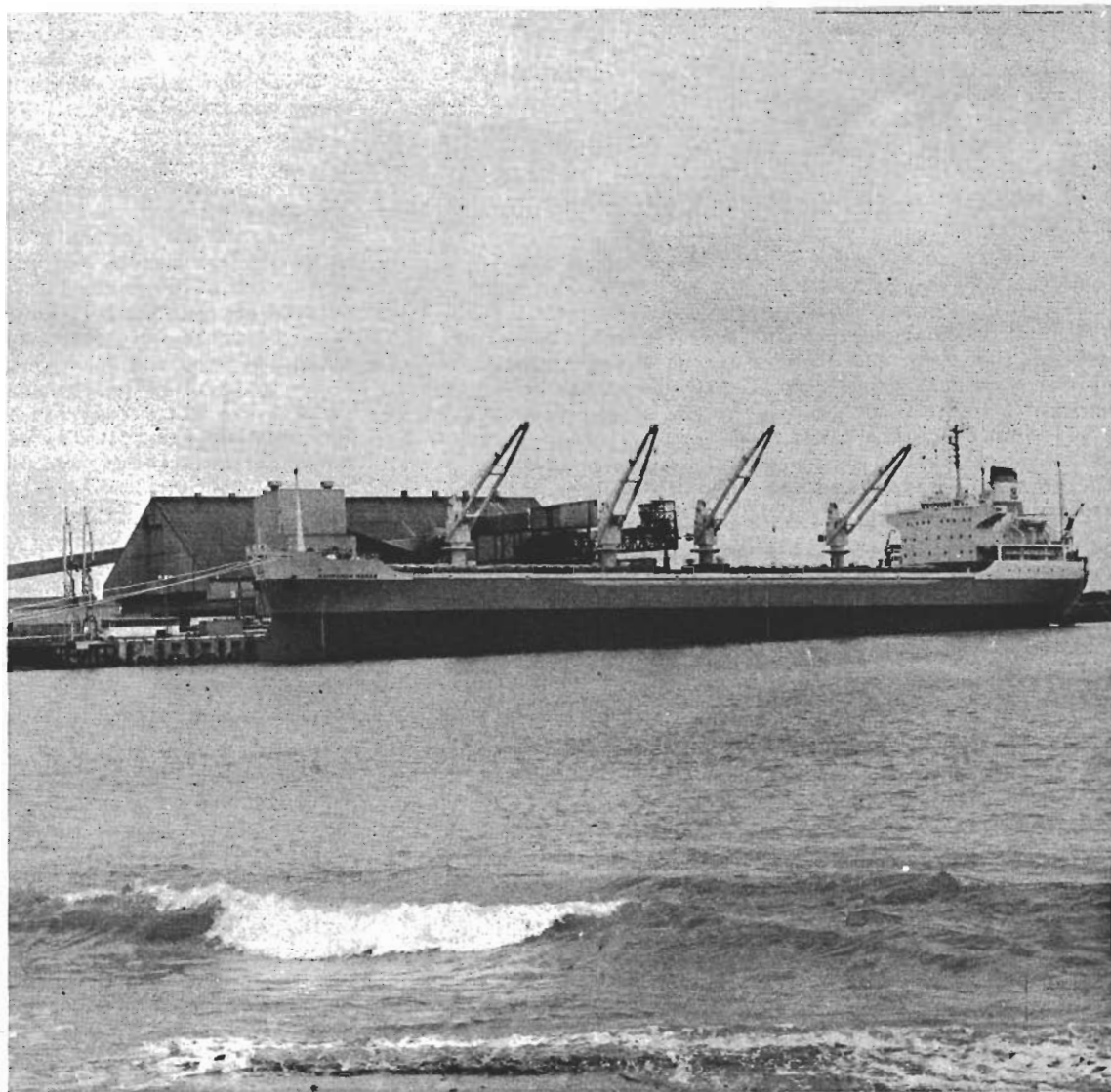


Bougainville Copper Concentrates

VOLUME THREE / NUMBER TWENTY-FOUR DECEMBER, 1973

The "Kahramans Maras" (picture below) was loaded with the millionth tonne of copper concentrate at Anewa Bay on November 30. The ship later took its cargo to Hamburg, Germany, for discharge, smelting and refining by Norddeutsche Affinerie. More story on page four.



SPORT NEWS

The idea of a single girls vs single guys soccer/rugby/Aussie Rules match had been talked about for some time, without too much being done about it. However, the girls of 6 block got themselves organised and issued a challenge to the single guys to a game of soccer.

The guys team immediately went into training; they could be seen heading towards the Cricket Club every afternoon at 4 pm for intensive training sessions, so that they would be fit for the big game.

The day of the match, November 10, dawned bright and sunny. TC was running round trying to organise a couple of water trucks to head for the coast to put a bit of mud on the ground, but he couldn't think of a good enough excuse, so the ground stayed hard and dry.

The girls arrived at the Cricket Club early in the morning to get 30 loaves of bread buttered for the after match barbecue, and early morning boozers found themselves landed with a knife, a loaf of bread, a pound of butter, and ordered to get to work. 'Old Man' arrived for the final training sessions, and it was quite obvious to all present during the morning that 'Old Man' would be in peak condition for the match.

Players and spectators arrived at Camp 11 in dribs and drabs and by 4 pm Umpire Holt had arrived, looking resplendent in bare feet, singlet and shorts, and ordered that the match should get under way.

The lineups looked good - the girls had Heavies Hall, Laughing Louise, Sally H and Frantic Fran in the back line (or was it the front line?), opposing a sodden Ron White, Fat Pat and Rod Gehan for the guys team. Fleetfoot Furness was opposing Old Man on the wing, with the rest of the teams straggling somewhere in between.

The girls kicked off, and it was obvious from that moment on who was going to win. With very unbiased decisions from Umpire Holt, the girls team very quickly got the first goal, scored by Penne Panting. Kick Off again by the guys, and after a lot of running around, falling over and general chaos, Old man siezed the ball, and with a magnificent bout of speed, headed down the sideline to score the first goal for the guys. In his excitement at having scored a goal; doing handstands and the like, Old Man wounded himself, and spent five days in Arawa Hospital.

End of the first third, and a very exhausted group of people left the field for refreshments. Umpire Holt had the game rolling again within 5 minutes (he can drink a greenie very quickly), and shortly afterwards, the second goal was scored for the girls by Heavyweight Hall. From then on until the end of the second third, the pace was on from the guys, and with TC in the goal mouth, the task seemed impossible for the girls, and equally with Ann Skinner in the opposing goal mouth, the guys didn't have a chance. Somehow, out of a melee around the girls goal, the ball somehow slipped past Ann to make the score 2 all.

The last third started, but play was getting pretty scrappy. Seabags, was obviously flagging, and Fat Pat insisted on picking on the girls, and was rightly booed by the crowd. Debbie Wilson and Sally Branson for the girls were both warned several times by Umpire Holt for beating up the guys. The game was in its closing minutes, and it seemed inevitable that it would end in a draw, when out of the struggling mass in front of the goal, Umpire

Holt kicked the last goal for the girls, and promptly ended the game while they were winning.

The girls, to show Holtie that they appreciated his impartial judgements throughout the match threw him into the sea.

Spectators and players then adjourned to the Loloho Recreation Centre for a Barbecue and keg.

SQUASH

The current competition is at an interesting stage with all finals being played during the last week of November. Competition is extremely keen and it is believed that a certain team has been conducting 6.00 am practice sessions!

All four teams in each of the women's "A" grade and mens "B" grade are involved in the finals. In mens "A" grade the four teams going through to the finals are:

Hotshots	-	Captain G. Barnes
Arawa	-	Captain M. Sullivan
Colts	-	Captain R. Kay
Eagles	-	Captain A. Doyle

The Hotshots are points leaders at this stage and must be confident of taking out the grand final.

On December 8, there will be a gala official opening of the Panguna Squash Courts. Throughout the day a handicap knockout competition will be held followed by a Bar-b-Q in the evening. A cabaret will be run at night and presentations will be made to winning teams and individuals.

CRICKET

The three games played on December 2, saw victories for the Vetrans, Lavana and Panguna. In their first match for the season Vetrans got off to a flying start with a convincing win over Kieta at Toniva. Vetrans skipper Hurrell won the toss and elected to bat. Critchley and Allen opened the attack for Kieta and kept the scoring rate down for three overs while claiming the early wicket of Underwood. Hurrell and Higgs soon got on top of the bowling. Both batsmen were playing with confidence and punished the attack. One over from Murray Brown produced 26 runs for Hurrell who was in devastating form. Higgs with 23 and Hurrell with a delightful 86 starred for the Vetrans to give the team a total of 143. In the Kieta innings Allen and Shand with 21 each were top scorers. The Vetrans opening attack picked up wickets at a steady rate and none of the Kieta batsmen looked like mastering the bowling. Bates and Stewart took the bowling honours with four wickets each. Kieta were all out for 68 giving the Vetrans a convincing win.

At Arawa, Lavana had an easy win over Loloho. Lavana bowlers Makuta Kariko and Ipi Raka had a field day and bundled Loloho out for 83 off only 23 overs. For Loloho the only resistance was shown by Leo and Jefferson Sorota who scored 29 and 23 respectively. Ipi Raka took the Lavana bowling honours with 6/46 and was ably supported by Makuta Kariko with 4/37. Lavana batsmen had little trouble in eclipsing the Loloho total and closed their innings at 4/100 with 7 overs of play remaining. Top scores for Lavana were John Kariko with 34 n.o. Gomana 17 and Makura 17.

At Panguna the team recorded an easy win over Eastern Swingers. Batting first Panguna batsmen

scored freely totalling 7/182 off 30 overs. Top scores were recorded by Mulligan 50 retired, Berry 49 and Langman 27. Eastern Swingers at no stage looked comfortable against the Panguna attack and the only man to reach double figures was Ken Kaiw with 11. Langman with 4/16 and Clark with 3/17 were the chief wicket takers for Panguna dismissing the opposition for 65.

<u>Panguna</u>		<u>Eastern Swingers</u>	
7/182		all out	65
Mulligan	50 n.o.	Kaiw	11
Berry	49	Randolf	2/49
Langman	27	Donald	2/16
Clark	3/17		
Langman	4/16		

Match won by Panguna.

<u>Lavana</u>		<u>Loloho</u>	
4/100		all out	83
J. Kariko	34 n.o.	Leo	29
Gomana	17	Sorota	23
Makura	17		
Raka	6/46		
M. Kariko	4/37		

Match won by Lavana

<u>Vetrans</u>		<u>Kieta</u>	
all out	143	all out	68
Hurrell	86	Allen	21
Higgs	23	Shand	21
Bates	15 n.o.	Adamson	4/13
Stewart	4/35	Higgins	2/10
Bates	4/16	Allen	2/23
		Brown	2/55

Match won by Vetrans

- N. R. Stewart

INTER-TOWN TENNIS COMPETITION

The inter-town tennis competition played at Arawa on November 18, 1973, proved the evenness of the two teams.

After four sets Arawa White had increased their lead to six games. However, Panguna Green improved and at seven sets the games were equal.

Amid great excitement, Arawa won the eighth set, to give them a two game lead. In the final set Panguna Green's Sally Branson and Don Mitchell remained calm and won well, giving Panguna Green victory by four games.

Church Bishops. Father G. Fahey, and Rev. & Mrs. N. Battersby also attended.

Two bus loads of families from Arawa came and a bus was allocated for indigenous married families in Panguna which saved them from walking to the centre for the evening. The Kai was a "Mumu" plus "Bung Kai" contributed by each of the families who attended. Music for the dance bit was provided by the "Eldies", and it was much appreciated.

The centre will serve as a community centre, in these three categories. (1) Here wives will learn sewing, cooking, baking, embroiding, child care, nutrition and will hold their general meetings. (2) The building will also be used for family orientation, family pictures, simple English classes, Pidgin classes, family indoor games, family social nights and has also been proposed to be used as a child minding centre. (3) Requests will have to be submitted if organisations such as, scouts, guides, brownies, wolf cubs, red cross and the social/recreational clubs want to hold meetings.

The aim of this article is to thank everyone who helped in providing us with the facilities and to inform the community that we now have a "centre". Let us all make use of it.

- Sam Josés
Welfare Officer.



scenes at the official opening of the new club house. Above, in the foreground happy housewives with Mrs. N. Battersby listen intently. Below, the evening was enjoyed by all, including Mr. & Mrs. J. D. Erickson (assistant general manager - production) in the foreground.

new centre opens

On December 14, 1972, Mike Grant-Cook, Welfare Superintendent, requested for house D88, Karoona Street, normally used by Panguna Womens' Club, as a proposed enlarged premises to be developed as a community centre.

After great consideration, support and further resubmission to management, three building units were carted to Karoona where they were laid out to form a "U" shape beside the small old club house. Once laid out, considerable repair, construction and paint work was carried out by the engineering construction team, who turned the whole place into a brand new community centre.

On the evening of November 17, 1973, Mr. D. C. Vernon, general manager, officially opened the new centre. Guests of honour included Mr. & Mrs. P. Quodling, Mr. & Mrs. J. D. Erickson, Mr. & Mrs. K. A. Edwards and two visitors who came for a short stay on a missionary tour, Bishop R. Budiara - Papuan Islands' Region and Bishop R. Samson - Urban Region, both United



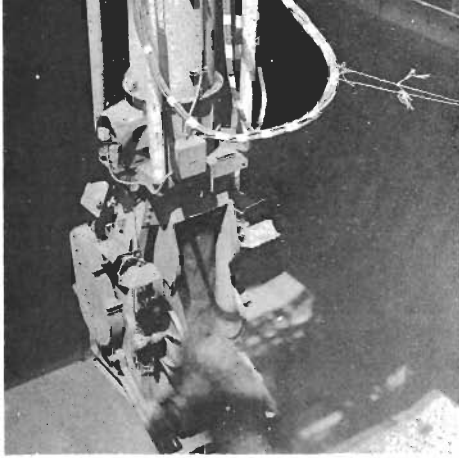


Photo at left shows an interior of the "Kahramans Maras" taken when it was being loaded with copper concentrate in Anewa Bay.

ONE MILLION TONNES OF CONCENTRATE

The millionth tonne of copper concentrate was loaded at Anewa Bay in the Kahramans Maras on November 30, 1973. The ship will discharge its cargo at Hamburg, Germany where the concentrate will be smelted and refined by Norddeutsche Affinerie.

What is copper concentrate.

It principally consists of the mineral chalcopyrite. Chalcopyrite is a chemical compound containing two atoms of copper, four atoms of sulphur and two atoms of iron in each molecule. Copper makes up 34.5% of the mineral. Unfortunately the Company is only paid for the copper contained in the chalcopyrite. In fact, we have to pay our customers "smelting charges" to get rid of the sulphur and iron when the concentrate is processed.

Gold and silver are also present in the concentrate in small amounts. It is fortunate that both these precious metals rise to the surface, with the chalcopyrite, in the flotation process. It could be said that gold and silver are impurities in the concentrate, but, what fortunate impurities they are!

The amount of gold and silver in the concentrate is carefully measured during processing. BCL's customers also carefully assay the gold and silver when they receive a shipment. The Company is paid the going price for these metals.

Despite the best efforts of the concentrator department, some less desirable impurities find their way into the concentrate. These include silica, alumina and lime. This means that the percentage of copper in the concentrate is about 28%, not the ideal 34.5%. The technicians in the concentrator are always striving to improve this performance.

An important performance factor in the concentrator department is recovery. The aim of the game is to extract every particle of chalcopyrite from the ore as it is processed. Success is measured as "percent recovery". On November 17, 1973, the night shift set a record with a 95.4% recovery.

Another important factor is availability of ball mills. The maintenance section of the concentrator department (headed by Bill Wordsworth) is responsible for keeping the ball mills turning. During October a record 97.45% availability was achieved.

On November 11, 1973, an all time record was set in the concentrator when 97,370 tonnes of ore were milled in one day.

Obviously the enormous amount of work carried out by the concentrator people during the last two years is really starting to pay off. "Concentrates" magazine adds its congratulations on an excellent performance.

FINANCIAL ACCOUNTING SECTION

A recent re-organisation within the Accounting Department has resulted in the Financial Accounting Section, now being 92% localised.

The Financial Accounting Section, employs 48 people of which 44 are from Papua New Guinea.

Key new appointments include:

JOSEPH MAUTU - Assistant to the Financial Accountant, is a diplomat from Lae University of Technology and has been with B.C.L. for two years. Joseph is from Buin, Bougainville district. In his new job, Joseph will work directly with Stan Higgs, B.C.L. Financial Accountant.

ARUA HENAO - Paymaster. Arua joined B.C.L. in November, 1972 and was payroll Data Supervisor, during the introduction of the Computerised Payroll System. Arua is married with three children and

Department News

MINING

Over the past few months, readers will have noticed construction activity on the ridge along the south side of the pit. The Mining Department is constructing an access road for a new waste dump in the Kurua valley, situated on the south side of the ridge.

This dump will have a total capacity of 90,000,000 tons of mine waste, excavated from benches above the 655 metre level. Waste from below this level will continue to be dumped in the Kawerong valley.

The construction of the road is a major earthworks project for the department. Seven cuts have been required for a total excavation volume of 380,000 cubic metres. Five million tonnes of waste rock will be dumped to fill the valleys between the ridge cuts. This rock will be mined by shovel No.3 on the 745, 730 and 715 metre levels.

The road slopes upward at a grade of 2% from the 715 metre level. Construction of the road is scheduled for completion early in 1974

Congratulations to Mining Department Operations and Maintenance crews on the setting of a new production record.

In the 24 hours ending at 11 pm on November 11, a total of 217,384 tonnes, comprising 99,136 tonnes of ore and 118,248 tonnes of waste, was removed from the pit.

This is 11,231 tonnes more than the previous record of 206,153 tonnes set on September 15, 1973.

Special congratulations also to the members of Crew 1 who set a shift production record on the afternoon shift. Their production of 1067 loads for 86,300 tonnes broke the previous record by almost 100 loads. Keep up the good work

As many of you will have noticed, blasting in the pit area has been changed from mid-afternoon to midday. This is due to the following reasons:

- Pit blasting coincident with crib break has resulted in nearly fifteen minutes increase in productive time on day shift.
- During the shift, production foremen can assist, more readily in closing off the blast area, if required, than at change of shift.
- Visibility and general weather conditions are often better at midday than during the afternoon.
- With midday blasting, more time is available after blasting for preparation for the next day's blast.

At present, 3.00 pm firings are infrequent, usually occurring only when very large blasts require additional loading time, or when drill or slurry truck breakdowns have forced delays in the blasting schedules

originally came from Port Moresby. Arua has nine Papua New Guineans working for him. Asi Nou is Assistant Paymaster and Moses Behis is Payroll Data Supervisor. The introduction of the computerised payroll greatly assisted in the full localisation of this section.

BARNABUS MANUAI - senior accounts payable supervisor. Barnabus who has been employed by B.C.L. for seven years, originally came from Manus Island. Barnabus has progressively worked his way through the Accounts Payable Section, until now he controls seventeen Papua New Guinean staff.

It is less than twelve months since accounting machines and tape punch machines were introduced into B.C.L. Accounting machine operators were recruited from among the office staff, and already five of the six operators are local Papua New Guineans. They handle 16,000 ledger postings and 8,500 timesheets every month. Training is being handled by Claire Fisher who is machine accounts supervisor. Claire was no stranger to P.N.G. before joining B.C.L. she was the chief programmer and Demonstrator for N.C.R. in Port Moresby.

Recently the accounts section took over the accounts certification function from the supply section.

Accounts certification is now being controlled by Noah Joseph who will leave shortly to complete the second year of his course at Lae, or at B.C.L. Panguna training college.

URBAN AREAS SURVEY

We would like to bring to the attention of our readers a survey which is currently being conducted in Arawa, Panguna, Kieta-Toniva, and the camps at Loloho and Birempa.

Over the next few months a number of residents will be asked for their views on living, working, and recreational conditions in the towns and camps. This survey is part of a wider study of recent changes on Bougainville which have accompanied the establishment of the copper mine. Problems associated with the rapid growth of towns on the east coast of Bougainville are being studied by Alex Mamak (University of Hawaii), Nigel Oram (University of Papua New Guinea) and Dick Bedford (University of Canterbury, New Zealand).

These people are interested in obtaining views on the towns from all groups in the population - Bougainvilleans, migrant Papua New Guineans, Europeans, Chinese and other non-indigenous residents. A sample of the population of each settlement will be interviewed, and it is hoped this request for information will not cause much inconvenience to those who are approached.

The views of residents in any town are obviously very important when it comes to planning the sort of environment they are to live in. In this regard readers are asked for their co-operation in this survey.

We had approximately 300 visitors during November this year. Amongst these were a group of sixteen from the Japanese Institute for International Mineral Resources Development. (photo below)



BOOKINGS FOR GYMNASIUM AND SQUASH CENTRE

Method of booking gymnasium or squash centre for social functions.

1. Application is to be made in writing to the recreation supervisor at the gymnasium office for use of the facility required, stating the purpose and advising the number of people attending. A minimum of 14 days notice is required for bookings. As a guide, the maximum numbers that can be accommodated are :

GYMNASIUM	500
SQUASH CENTRE	120

2. The facility booking will be confirmed in writing by the recreation supervisor.
3. Usage fees for the gymnasium and squash centre have been set as follows :

GYMNASIUM:

Usage fee without chairs and tables	\$15.00
Usage fee including chairs and tables	\$25.00
Breakage deposit (refundable)	\$50.00

SQUASH CENTRE :

Usage fee without chairs and tables	\$10.00
Usage fee with chairs and tables	\$15.00
Breakage deposit (refundable)	\$50.00

Fees are payable to the recreation supervisor at the time of booking.

4. If liquor is to be sold or supplied at any function a special license must be obtained by the organisation holding the function. Unless such a special license has been obtained, and shown to the recreation supervisor before the function starts, no liquor may be sold or supplied at any function held in the gymnasium or squash centre.
5. Cutlery, crockery, kitchenware and glasses are NOT provided at either facility and these are the responsibility of the organisation conducting the function.
6. Facilities at the gymnasium and squash centre must be left in a clean and tidy condition. If any breakages or damages occur then the organisation concerned will be held responsible and charged with the costs of repairs and replacements.
7. The company reserves over-riding authority for use of either facility for official functions and if cancellation of any booking has to be made for this reason then any usage fee already paid will be returned with no further liability.

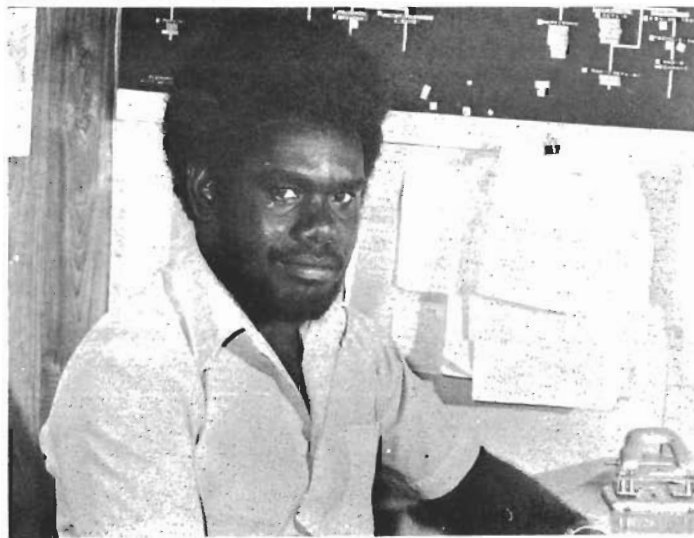
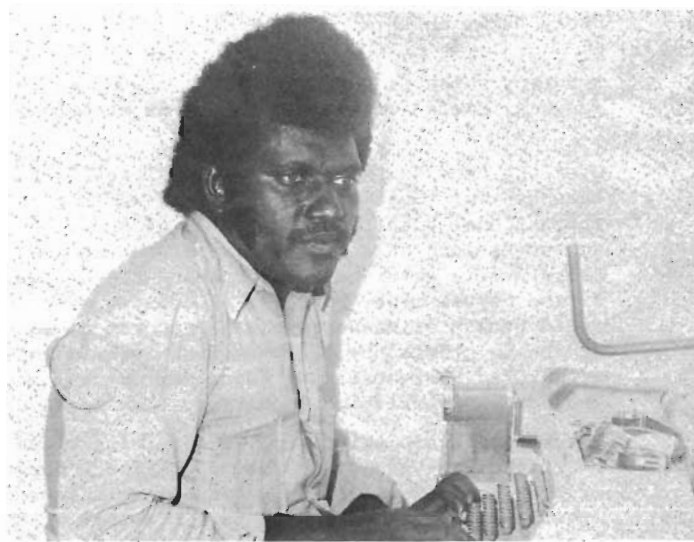
- M. Grant-Cook
WELFARE & RECREATION
SUPERINTENDENT

CASHIER'S OFFICE HOURS

As from December 10, the cashier's office located at B44 will be open between 8.00 a.m. - 12.00 noon, and 2.30 p.m. - 4.00 p.m. during these hours the cashier will sell meal tickets, issue receipts for payment of B.C.L. accounts, tools and boot issues, passport photos, telephone calls and will pay out wages which were unclaimed the previous week or prior. Wages for the current pay week are available from the pay office up until the close of business on Friday.

People

Below (left to right), Archibald Rahueri, switchboard operator; John Yakam, switchboard operator; Kwalam, mailroom supervisor; Joseph Mona, postal clerk and Thaddeus Kaetavara, budget officer. B. John Tabinaman, manpower officer and Tomalip Taramana, travel clerk.



and Patrick Isidore, telex operator. Middle, George
 ttom, Mrs. Glenda Philip, secretary to mine secretary;



COMPRESSED GAS CYLINDERS.

The following story from the National Safety Council of America sounds incredible, but it is true.

"Six 220 cubic foot cylinders, part of a fire extinguishment system, had been moved away from their wall support to allow painters to complete the painting of the area. While moving them back into position it was noticed that one cylinder was leaking. The painter had the cylinder leaning against his shoulder and was attempting to scoot it across the floor. At this time the valve separated from the cylinder and was projected backwards, hitting the side of a stainless steel filing cabinet.

The man suddenly found himself with a jet-propelled, 97 kg piece of steel. He wrestled it to the floor, but was unable to hold it. The cylinder scooted across the floor, hitting another cylinder, knocking it over, and bending its valve. The cylinder then turned 90 degrees to the right and travelled six metres, where it struck painters scaffold, causing a painter to fall two metres to the floor. (The painter suffered multiple fractures of the leg). After spinning around several times, it travelled back to its approximate starting point, where it struck a wall.

At this point the cylinder turned 90 degrees to the left and took off length wise in the room, chasing an electrician in front of it. It crashed into the wall twelve metres away, breaking loose four concrete blocks then turned again 90 degrees to the right, and scooted through a door opening, still chasing the electrician. The electrician ducked into the next door opening, but the cylinder continued its travel in a straight line for another eighteen metres, where it fell into a truck well door. The balance of the pressure was released as the cylinder spun harmlessly around in the truck well area.

It appears that the cylinder valve had been damaged earlier, and that it was a matter of chance that it separated from the cylinder at that particular time."

The mentioned cylinder contained pressure of about 900 pounds per square inch. Most of the compressed gas cylinders used on site are pressurized up to 2,200 pounds per square inch. Try and imagine the damage and injuries an ordinary oxygen cylinder could do in your work area if the above was to happen. So always keep cylinders chained or tied, and check before starting work or moving a cylinder that the valve is not damaged. Remember - Keep 'em tied!!

Below, married recently at Panguna were Enos Tewe, draftsman, mining and Luddy Albert, accounting machinist. They are seen signing their marriage certificate. Look on are Father Fahey who officiated at the ceremony and Catherine Albert (second from right), the bridesmaid. Catherine is Luddy's sister and she flew from Port Moresby to attend the wedding. Both Enos and Luddy are from the Gazelle Peninsula, East New Britain.





battle of sounds

On November 18, at 2.30pm - The almost capacity crowd at the Panguna Cinema waited patiently. The judging panel namely, Radio Bougainville Announcer - Paul Haliken, Lance Taudevin and Tony Cruise quietly discussed judging standards when "Blue Thunder" cut loose and the Battle of the Sounds was on.

The bands ranging from small accoustic guitars to ukelales to the high power electric sound of solid rock, entertained the audience for 3 hours to help raise funds to send 7 local scouts of the 1st Panguna Scout and Guide Association to the 10th Australian Jamboree in Adelaide, S.A. over the Christmas holidays.

The 1st Hooker's Band carried away the \$100 prize money for traditional music. They left with the Teop Island group on November 15, and travelled over 80 miles by boat to take part in the contest.

The Lost Drop-outs scored well to take the big money for the popular rock section.

The Tom Thumb, Blue Thunder, The Hatereds, Sigmund Freud, Day Drifters, Day Brothers and the Admiralties all gave excellent performances.

Bob Hutton who conceived the idea was the compere and did a wonderful job keeping the show moving.

On behalf of the Boy Scouts, I thank the bands and everyone who attended the show. Your contribution has enabled the 7 scouts to attend the Jamboree. For those who missed the show, tune into Radio Bougainville. The show was recorded.

- W. Smith

Photos at left show two of the bands that competed at the 'battle of the sounds', with the judging panel at bottom. Top, obviously the 'Sigmund Freud' whose members are Buka boys working in Panguna. Centre, the 'Doy Brothers' from the Duke of York islands near Rabaul. The judges were Paul Haliken, Radio Bougainville announcer, at left, Tony Cruise and Lance Taudevin, both of Bougainville Copper.

films

PANGUNA

Thurs. & Fri.
Dec. 13 & 14

Kings Thief

David Niven
Ann Blyth

Sat. & Mon.
Dec. 15 & 17

Hot Millions

Maggie Smith
Peter Ustinov

Sun. & Tue.
Dec 16 & 18

Gold for the
Caesars

Jeffery Hunter
Ronald Randall

ARAWA

Wednesday
December 19

Going Home

Robert Mitchum

Sunday
December 23

Kings Thief

David Niven
Ann Blyth

Wednesday
December 26

Hot Millions

Maggie Smith
Peter Ustinov

Sunday

Gold for the
Caesars

Jeffery Hunter
Ronald Randall



This recent photograph of a group of trainee drivers and their instructors was taken down the training track near Birempa while the group, being one of the first to use the vans, were on the driving course.

DUAL CONTROL VANS FOR TRAINING

The operator training section of the Mine Training College, took delivery of four dual control Ford Falcon panel vans on the 5th November, 1973 for use in the Company's driver training programme.

These vehicles have raised the output potential of the training programme from 10 drivers per course to 20 drivers per course. This will give a total annual output of 240 drivers to meet departmental requirements for 1974.

Drivers trained on these vehicles will, after a specified period of practical experience, progress onto larger type vehicles operating within Bougainville Copper Limited.

Training is carried out at Birempa, on a track of 1½ miles in length, incorporating various turns, intersections and road signs found in everyday use of a vehicle.

The training track was built this year due to the difficulties that were being encountered around Panguna area, the track is available for use by other persons when not being used by the Mine Training College.

- N. R. McDuffie

Operator Training Officer

EMPLOYMENT NEWS

At Panguna the following positions are currently vacant. These are senior positions requiring a high standard of education and considerable job experience:

Medical Assistants - Personnel Services department; Shift Foreman - Mining Department; Shift Foreman - Personnel Services Department; Training Officer - Mining Department; Assistant Security Officer - Personnel Services Department; Localisation & Manpower Officer - Localisation & Training Department; Assistant Accommodation Officer - Personnel Services Department; Office Records Clerk - Engineering & Technical Services Department; Senior Telephone Technician - Engineering & Technical Services Department; Journalist - Community Relations Department; Storeman/Parts Interpreter - Engineering & Technical Services Department; Hygiene Inspector - Personnel Services Department.

As well as the above staff positions, we have vacancies for: Trainee dump truck operators and Trainee Semi Trailer drivers.

Personnel interested in any of the above positions are requested to phone the employment Office for further information, on (Ext. 324).

letter box

There are many BCL employees and their families, who constantly use and appreciate the swimming pool and sporting complex. However, I feel that there are a few points concerning these facilities, which must be brought to the attention of the management.

The rules and regulations of the pool, I feel, are quite inadequate, and although there have been no serious accidents to date, I feel it is only a matter of time before such an occurrence happens.

Some rules which I consider essential:-

. An adult should be on duty at the pool at all times, constantly patrolling the area.

. This person should be a qualified first aid attendant as well as having at least his senior swimming certificate.

. He should make it his business to stop children from running on wet slippery concrete.

. He should keep people from playing water polo in the shallow end during swimming hours.

. And finally he should keep adults out of the toddler pool.

These are just a few offences, which will undoubtedly lead to a serious accident, if not checked immediately. I am sure that you will agree with me on this matter and that some action will be taken.

- Concerned Mother.

The points raised by "Concerned Mother" are constructive criticism, which are genuinely pleasing to receive. I wish that there were more persons genuinely enough concerned to offer positive advice on some of our grip problems.

In order of rank, the following are the answers to the points made.

. At all times that the pool is open, three adult attendants are patrolling the pool. Within a week or two each will be wearing a clearly identifiable T shirt marked "Pool Attendant".

Under the supervision of Pius Nimiago, Leading Hand Pool Attendant, and Michael Lowon I am completely confident that the attendants' morale will be raised and they will become more assured in carrying out their duties.

. All pool attendants have completed a First Aid training course under Mr. J. Dunkley, including resuscitation methods. All pool attendants are competent swimmers.

I have requested Mr. Dunkley to "spot check" the first aid and resuscitation abilities of the attendants; and requested Mr. J. Sandall to give periodic refresher courses and checks in swimming procedures.

. I regret that owing to the rudeness and unruliness of expatriate children, and their refusal to obey instructions by the indigenous attendants, little more can be done to control children's bad behaviour. Perhaps parents themselves could take care to instruct their children in swimming pool discipline and behaviour.

. Pool attendants do police water polo activities. Water polo practise and playing is now restricted to Monday and Thursday afternoons, and water polo balls are not available for indiscriminate use.

. This is being policed. Further the toddlers pool is being restricted to use by 6 and unders and an appropriate sign will be erected shortly. Comments under (3) above also apply.

- M. Grant-Cook

Employee Welfare Superintendent



presentation of certificates

On November 15, 36 repairmen grade 1 were awarded their certificates of proficiency by Mr. J.D. Erickson, assistant general manager - production.

This has been the third presentation dinner for the pitworkshop, bringing the total to date of 102 repairman grade 1 who have been presented with certificates.

Repairmen work in the following sections; earth moving equipment; R105, light vehicles, electrical, shovels and drills and lubrication.

The repairmen scheme has 7 grades: trainee repairmen, repairmen 5, 4, 3, 2, 1, and senior repairmen grade 2. He receives on-the-job training plus classroom theory. Upgrading to the next grade is dependent upon his passing a test.

At the moment there are six crews within the pit-workshop consisting of Papua New Guineans, of which five are made up of repairmen only.

Our photos show some of the repairmen who were among the 36 awarded with certificates of proficiency. Top line, (left to right), receiving his certificate from Mr. J. D. Erickson, assistant general manager - production, is T. Kavanamur, pit electrical workshop; at the back of them are Matthew Wain, shovels and drills, and Joseph Pinarua, pit electrical workshop. Above, (left to right), Joseph Lugabai, mobile equipment; Joseph Hatekop, mobile equipment; Akeyring Biwai, mobile equipment; N. Serepia, pit electrical workshop and Thomas Pemu, shovels and drills. Below (left) also present at the certificate presentation were (far left), Vince Gozalbez, training supervisor; Jeff Hort, pit maintenance superintendent and Gerry Moran, training officer. Other repairmen who received certificates but not photographed are P. Poyou, T. Mondo, P. Mike, M. Wakira, J. Gemi, Sairus Matalau, Joseph Irisia, M. Kuno, S. Hanadang, John Loipio, T. Lowaro, P. Josephs, I. Gwanen, M. Wakokon, O. Pakenara, K. Imiya, C. Kalisip, K. Gegero, P. Bonny, J. Tanihui, J. Timothy, J. Kopiku, J. Sisip, A. Rarakaha, S. Jiki, J. Peniat, D. Tulele and T. Liri.

MEAL TICKETS

Since the introduction recently of Meal Tickets at the Company's messes, there has been evidence of considerable misuse. This has defeated, to some extent, the purpose for which they were introduced.

In an effort to control this misuse, with effect from December 10, 1973, tickets will not be replaced free of charge unless a damaged meal ticket can be presented for replacement or other satisfactory evidence that a ticket has been lost can be given. The following charges will otherwise be made for replacement of Meal Tickets. (a) \$5.00 per ticket in Camps 1, 6, Birempa 1 and Karoona Haus, or (b) \$2.00 per ticket in Camps 10 or Birempa 3.

All replacements will be recorded as previously by the camp managers and excessive applications for replacement of tickets will still be subject to inquiry if considered necessary.

- K. A. Edwards
Manager Personnel Services



toktok

This story was told to me by one of our village elders in Teop, north-east Bougainville. It is about one of the many fishing expeditions that our village people used to have in the past.

Many weeks' preparation for this particular fishing expedition had finally come to an end. The men were ready, the canoes were ready, the fishing lines and other fishing aids were also ready.

As the sun was setting behind the mountain ranges the fishermen climbed into their canoes with their fishing gear. This was a night fishing expedition. The weather was fine except for the cool afternoon breeze which was blowing gently south-east of their fishing waters.

Accompanying this fleet of fishermen were two other fishermen. They too had come prepared and were just as anxious as the others to fill their canoe with fish when they reached the fishing waters. However, these particular gentlemen were faced with a problem. They knew very little fishing technique and moreover, night fishing was something new to both of them.

After about two hours of energetic paddling the fleet finally reached the fishing grounds. With their lines already in the sea, the fishermen sat back, chewed betel-nuts and gossiped the night away while waiting for bites and tugs.

By this time darkness had really set in. The sky was already covered with heavy clouds and not a star was to be seen. Visibility was impossible and the men could not even see those that were with them in the same canoes. However, they were not worried. While they could not see, they could still talk to each other.

Even though they had already fished far into the night the two fishermen had still caught nothing. Other fishermen were hauling in big catches and their canoes were near sinking.

Deciding that the spots on which their lines had been dropped were not good, the two men hauled their lines up to try new places. They cast their lines once more, only to realise that they had dropped them on each other's line. They pulled them back but the lines became tangled and for the next few hours the two had a lot of trouble trying to untangle them. They could have thrown their lines on

the opposite sides of the canoe but none of them were that intelligent.

Having untangled the lines, the two decided to paddle away. However, they were so confused by the darkness they forgot which direction they were facing. They were sitting on each end of the canoe, facing each other. Picking up their paddles they started to paddle away, each applying the same force from the opposite end of the canoe. This resulted in the canoe being stationary. Without realising it, the two kept up the paddling.

Soon they became tired and had to rest. While they were resting their minds wandered. They were superstitious and they began to fear the expedition itself. One told his friend that in the past, expeditions, such as the one they were on, were usually accompanied by evil spirits. This, of course, served only to heighten the friend's fear because he readily believed such stories.

Having rested they decided to try their luck with the lines once more. However, they were still unsuccessful.

Meanwhile dawn was breaking and the horizon was beginning to be visible. As soon as they could see each other and notice their positions in the canoe, they realised the stupid mistake which had caused them much exhaustion in the night.

Their second attempt with the lines having proved unsuccessful, the two men sadly paddled home. They knew their wives would be waiting for their return and the thought of coming home empty handed brought new fear to the men.

As soon as they arrived the wives went to the canoe to see if their husbands had caught anything. Upon seeing the empty canoe the wives told their husbands that they were good for nothing. The women worked themselves up to such fury that they picked up the paddles intending to give their husbands some whipping. Seeing the raised paddles the two men took off. In his haste one of the men's laplap came undone. However, he was not stopping for anything so with the laplap clutched in his hand he kept on running, the laplap flying behind him.

- THADDEUS KAETAVARA
Costing Section.

COMINGS AND GOINGS

Welcome to the following: D. Swain, mine planing engineer; Mrs. Coffey, clerk; Mrs. Nunan, clerk; Mrs. Whitehead, clerk; Mrs. Cornell, clerk; P. Hearse, metallurgist; Mrs. S. Joses, health extension officer; M. Kamang, health extension officer; M. Taetus, workers' compensation officer; John Koveku, ass't industrial relation officer; Mrs. McKee-Duff, typist; J. Amps, mechanical f'man; J. Robertson, senior analyst; G. Kolaron, mine surveyor; R. Dik, executive cadet - safety; T. Morton, rigger; J. Bambaru, R105 operator; A. Walpole, fitter; A. May, driver; J. Poranara, equipment operator; J. Liliup, security guard; J. Laio, driver; R. Price, fitter; J. Kavanamur, storeman; S. Ngapalesa, R105 operator; B. Nimanrompa, driver; D. O'connor, electrical technician; M. Wasso, ganger; S. Liplip, attendant; F. Tarere, driver; M. Tarere, clerk; P. Warangat, attendant; M. Naku, security guard; V. Robin, clerk; A. Kailir, crane chaser; R. Foley,

fitter/welder; K. Weiss, boiler-maker/welder; K. Rollerson, fitter; J. Masenu, security guard; J. Paul, clerk; P. Pomalok, docker; B. Mospuna, drill assistant; J. Kurawe, docker; J. Vevo, clerk. H. Hapeo, attendant; R. Johnston, fitter; C. Peters, boiler-maker/welder; T. Petryszyn, boiler-maker/welder; K. Martus, storeman; R. Tamti, trade assistant; B. Harekin, docker; J. Paupin, storeman; I. Piddocke, senior operator; R. Green, fitter; G. Soligo, fitter; J. Colthart, fitter; and G. Hinton, linesman.

Farewell to the following: G. Dixon, electrical foreman; D. Forster, lab. foreman; A. Copley, storeman; P. Camero, typist and F. Gellalty, despatch centre operator.

PANGUNA

EMERGENCY DIRECTORY :

<u>Security Emergency Control</u>	958333123
(For all emergencies)		
<u>Medical</u>	BCP Medcial Centre	958304254
	Panguna Hospital	958089
<u>Police</u>	Police Station	958222
		958263

BANK :

A branch of the Commonwealth Bank is situated approx. 150 yards west of the Trade store and is open :

Monday to Friday	9.00 a.m. - 2.00 p.m.
Friday Only	4.30 p.m. - 6.00 p.m.
Saturday	8.30 a.m. - 10.00 a.m.

POST OFFICE is open :

Monday to Friday	8.30 a.m. - 12.00 p.m.
	1.00 p.m. - 4.00 p.m.
Saturday	8.30 a.m. - 12.00 p.m.

TRADE STORE is open

Monday to Thursday	- 9.00 a.m. - 5.30 p.m.
Friday (evening)	- 9.00 a.m. - 8.00 p.m.
Saturday	9.00 a.m. - 12.00 p.m.

LIBRARY at the old Fermentary Homestead is open :

Monday, Tuesday, Thursday	10 a.m. - 4 p.m.
Wednesday, Friday	10 a.m. - 5 p.m.
Saturday	9 a.m. - 12 p.m.

HOSPITAL :

Outpatients :

Monday to Friday	8.00 a.m. - 12.00 p.m.
	1.00 p.m. - 4.00 p.m.
Saturday	8.00 a.m. - 11.30 a.m.
Tuesday Ante-natal	8.30 a.m. - 11.30 a.m.
Wednesday Baby Clinic	8.30 a.m. - 11.30 a.m.

The BCP Medical Centre is open for treatments from :

Monday to Friday	8.00 a.m. - 4.00 p.m.
Saturday	8.00 a.m. - 10.30 a.m.

CHURCH SERVICES :

Catholic	Sunday 8.00 a.m. and 7.00 p.m. Every evening 5.15 p.m. Priest in charge - Father Fahey P.O. Box 48, Panguna.
United	Sunday 9.00 a.m. Sunday 6.45 p.m. Camp 10 Wednesday 7.30 p.m. Minister in charge - Rev. Battersby P.O. Box 9, Panguna
Lutheran	Sunday 10.00 a.m. Sunday 8 a.m. Camp 10 Pastor in charge - Rev. D. Zweck
Anglican	Sunday 6.30 a.m. Monday/Thursday 4.15 p.m. Sunday 7 p.m. Camp 10 Priest in charge - Father R. Keyes P.O. Box 621, Arawa

(All Panguna services at Entanava Church unless at Camp 10)

ARAWA

POLICE STATION : 951222

STORE is open

Monday to Thursday	9.00 a.m. - 5.30 p.m.
Friday	9.00 a.m. - 8.00 p.m.
Saturday	8.00 a.m. - 12.00 p.m.

BANK is open

Monday to Friday	9.00 a.m. - 2.00 p.m.
Saturday	8.30 a.m. - 10.00 a.m.

POST OFFICE is open

Monday to Friday	8.00 a.m. - 12.00 p.m.
	1.30 p.m. - 4.00 p.m.
Saturday	8.00 a.m. - 12.00 p.m.

HOSPITAL :

951266

Ante-natal Clinic

Monday (Doctor in attendance)	1.30 p.m. - 3.00 p.m.
Wednesday	8.00 a.m. - 11.30 a.m.
	1.00 p.m. - 3.30 p.m.

Maternal and Child Health Clinic

Monday and Friday	8.00 a.m. - 11.30 a.m.
	1.00 p.m. - 3.30 p.m.

Vaccinations

Tuesday and Thursday	1.30 p.m. - 3.00 p.m.
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General Out-Patients

Monday to Friday	8.00 a.m. - 12.00 p.m.
	1.00 p.m. - 4.00 p.m.

Emergencies 7 days a week, 24 hours.

No visiting the hospital is allowed outside regular visiting hours, unless special arrangements have been made. Visiting hours are

3.00 p.m. - 4.00 p.m.
7.00 p.m. - 8.00 p.m.

CHEMIST is open

Monday to Friday	8.30 a.m. - 12.30 p.m.
	1.30 p.m. - 5.00 p.m.
	8.00 a.m. - 12.00 p.m.

DENTIST : Arawa 951424

Monday to Friday	8.00 a.m. - 12.00 p.m.
	2.00 p.m. - 6.00 p.m.
	8.00 a.m. - 9.30 a.m.

CHURCH SERVICES

Catholic	Sunday 8.00 and 5.00 p.m. Priest in charge - Father Miltrup P.O. Box 411, Arawa
United	Sunday 9.00 a.m. Sunday 7.00 p.m. Arawa Tech. Minister in charge - Rev. Max Bruce P.O. Box 619, Arawa
Lutheran	Sunday 10.00 a.m. Pastor in charge - Rev. D. Zweck P.O. Box 497, Arawa
Anglican	Sunday 8.30 a.m. Tuesday/Friday 5.30 p.m. House 4/10 Priest in charge - Father R. Keyes P.O. Box 621, Arawa

(All services unless otherwise stated at the Arawa Fermentary)