



Telecom^{news}

No. 88

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Let's have facts!

Almost anyone can get a telephone service quickly and Telecom Australia may not intrude on the privacy of an individual use of the telephone.

Telecom's Chairman, Mr Robert Brack, said these were two important points which should not be forgotten when he was responding to the recent article in 'Australian Business' containing allegations about corruption in Telecom.

Mr Brack said that there is a current police investigation proceeding, an investigation instigated by the Minister for communications, Mr Duffy, and welcomed by Telecom.

"I have welcomed it and have told the staff and management of Telecom that I want the air cleared," Mr Brack said. (Mr Brack's statement appeared in July's edition of Telecom News.)

Mr Brack said it was up to the customer as to where a telephone is placed in a home or office. 'Telecom's job is to meet the customer's wishes.

"It would be improper for Telecom to assume the role of a guardian of public morals and ask each applicant for a telephone service for what purpose he or she will use the service," Mr Brack said.

The allegations also included Australia Post which has strongly refuted the corruption claims. Acting Chairman, Mr A. L. Paton, said the article was irresponsible, without evidence, and a farrago of gross and unsubstantiated claims.

The author had linked a series of unfounded allegations and hearsay with factual incidents extending back over a number of years, Mr Paton said.

Mr Paton said that, presumably in order to maximise the impact of his article, the author has claimed, on the basis of a statement issued by a faction in the APTU involved in a coming union election, that up to \$100m worth of postage stamps and money orders had been stolen from post offices throughout Australia within the past 12 months.

If this claim referred to the value of all articles stolen from post offices since Federation, it would be wildly exaggerated, Mr Paton said.

"It should be recognised that Australia Post has a staff of honest and dedicated employees. There are always a few individuals in a workforce of this size who break the law, but the author has cast serious doubts on the integrity of all staff because of his unsubstantiated allegations of an internal organised criminal element in the postal service. There is no evidence of this whatsoever," Mr Paton said.

Mr Brack and Mr Paton reiterated their Commissions' support for the current investigations.

Mr Brack said: "I repeat that I, my fellow Commissioners and the senior management of Telecom, welcome the current investigations."

"And I repeat my unqualified assurance that if Telecom people are found guilty they will be dealt with immediately.

"If there is any evidence to support the allegations made in the media, I trust it will be given immediately to the Federal Police."



● MR BRACK ... it would be improper for Telecom to assume the role of guardian of public morals.

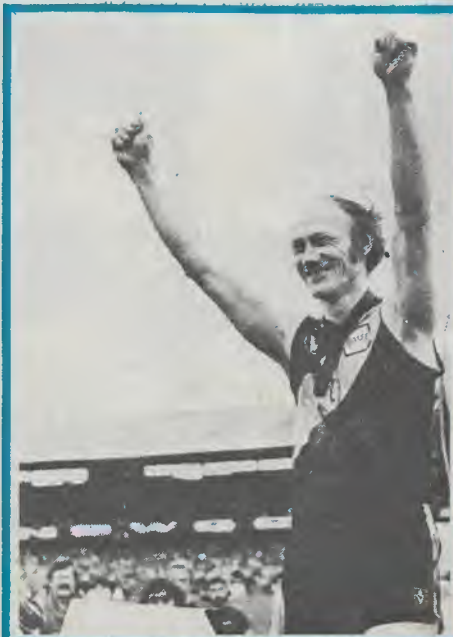
TARIFFS LIFTED

Telecom will lift its charges from October 1, a move which Chairman, Mr Robert Brack, said he regretted but was necessary.

"We must pay our way, and if we are to keep up with customer demand, then unfortunately some tariffs will have to rise," he said.

"We have just finished a year which saw a drop of \$50 million in earnings owing to the downturn of the economy," he said.

Full details, points to remember — Page 2.



***This Telecom
staff member
will this month
reach a
unique milestone
— it's unlikely
his record will
ever be matched.
His story is on
PAGE 24***



We must pay our way—Brack

● From Page 1

"Now Telecom faces 1983/84 with an expected expense of well over \$3 billion to operate and maintain Australia's national telecommunications network. Interest payments will account for \$820 million of this expenditure. Telecom stockholders will receive \$220 million and the Government \$600 million.

"On top of this, we must mount a capital works program of more than \$1500 million to expand and modernise the network and to meet customer demand for new and improved services.

"The money for this program can only come from public loans, Telecom's operating surplus during the years and from provisions for depreciation etc.," Mr Brack said.

The rises were first foreshadowed in Parliament on May 19 this year.

The tariffs being increased include telephone rentals, local, community and STD calls, and telegrams. Local calls from public telephones remain unchanged.

Some rises are also planned for tariffs on leased lines, data, small business systems and some broadcasting and relay services. Details of these became available from Telecom Business Offices from Monday, August 1.

Mr Brack emphasised that the new telephone rental and call charges were ALL below the increase in the CPI over recent years.

For STD calls, the main increases have occurred in the short haul ranges — up to 325 km.

"For calls over longer distances, the new charges are still those applying in September 1975," he said.

Summary of tariff rises

Basic Rental (Residential)	\$115.00pa)
(business)	\$190.00pa) — up \$2.50 a quarter
Pensioner concession rental	\$ 73.50pa — up 87.5c a quarter
Local Calls	\$ 0.15)
Community Calls	\$ 0.15) — up 2c
Public Telephone Calls	\$ 0.20 — unchanged

STD CHARGES (for three minute calls)

	DAY	INTERMEDIATE	NIGHT & SUNDAY	ECONOMY
Up to 50km	.30	.22.5	.18	.15
Over 50km up to 85km	.60	.45	.36	.30
Over 85km up to 165km	1.00	.75	.60	.50
Over 165km up to 745km	1.50	1.12.5	.90	.75
Over 745km	2.00	1.50	1.20	1.00

Day rate applies 8am-12.30pm and 1.30pm-6pm Mon.-Sat.

Intermediate rate applies 12.30pm-1.30pm Mon.-Sat.

Night rate applies 6pm-9pm all week.

Sunday rate applies 8am-9pm.

Economy rate applies 9pm-8am all week.

A feature of the new STD charges is the change in distance categories eg 165km to 745km and over 745km which will simplify calculations for customers.

Points to remember

● Telecom must pay its way and fund its network development without being a drain on the public purse.

● In fact, it will contribute \$600 million to the public purse during 1983/84 in interest payments to the Government.

● The increase in charges remain well below the CPI increase — 116 per cent since September 1975.

● Medium to long distance charges are well below September 1975 rates.

● In 1983/84 Telecom will pay out well over \$1 billion to the private sector. This is vital to maintaining employment levels in Australia's manufacturing, building, printing industries etc.

● In maintaining its workforce of around 88,000 Telecom will provide about 7000 jobs for school-leavers during 1983/84.

● Telecom has no hidden reserves of money. It spends as it earns. It has just had to raise \$300 million through a public loan. (Public confidence in Telecom was such that the money was raised in a week). This year Telecom will pay \$220 million interest to Telecom stockholders.

● If Telecom is to meet its customers' wishes for new and improved services it must have the resources — materials and manpower to do the job properly and speedily.

STOCKAID for Gold Coast

The Gold Coast District Store at Southport has started the Queensland programme for implementing the computerised stores recording system, STOCKAID.

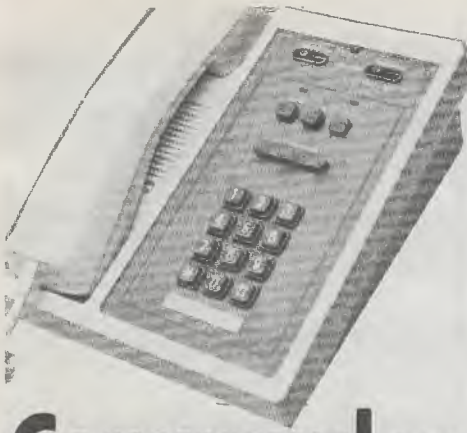
The "official handover" of the Gold Coast system took place on July 4.

It was the first of 23 field stores throughout Queensland which will be brought onto line by about August next year.

STOCKAID replaces manual recording of transactions in field stores with computerised recording enabling a Visual Display Unit (V-DU) to be used to inspect stores records at any time.

● Trying out the new system at the Gold Coast is Senior Field Material Operator, Tony Gosling. Interested observers were from left, Manager Supply, Arthur Penwarn; DTM Gold Coast, Stan Hilton, and Queensland's STOCKAID Controller, Ken Doessel.





Commander fits to a T

Telecom has launched the latest member of its growing Commander family — the Commander 'T'.

Combined with the earlier 'N' and 'S' models, the Commander systems now offer a wide choice of alternatives, meeting business communications needs for up to 22 lines and 60 extensions.

The Commander 'T' is ideal for business or domestic use, with one line and up to five extensions. It offers, like the 'N' and 'S', time-saving features like intercom, call transfer, on-hook dialling, paging, last number redial and many more.

Bunbury Telehelp success

For the first time in Australia the 008 service was used as the sole method by which more than 13,500 telephone callers contributed to the 1983 Golden West Television Network "Telehelp" Appeal in Bunbury, WA for the cost of a local call.

The appeal, to raise funds for the Arthritis and Rheumatism Foundation, the Asthma Foundation and the Slow Learning Children's Group, also created a record with donations totalling \$369,906 — \$25,000 more than the previous appeal.

Telecom provided 24 008 lines into the studio free of charge and also dressed the phone room with a range of 008 logos and themes which were seen by thousands during the 24-hour appeal.

More than 150 staff, many of them from Bunbury, manned the phone room. The Digitel Premium Phones were used on the front row of the phone room and the difference in style and "ring" caught the attention of many viewers.

One of the TV characters who assisted with the appeal was "Grellan" (a kids' show character) who accepted this call using a Digitel.



New Development positions

Two new Assistant Directors have been appointed in the Business Development Directorate of Telecom Australia.

They are Mr. Ken Loughnan, 36, and Mr. Harry Wragge, 53. Both men were involved in the preparation of Telecom's submission to the Davidson Enquiry into Telecommunications within Australia.

In their new roles Mr. Loughnan and Mr. Wragge will be responsible for assessing strategic issues and opportunities in the development of telecommunication services as they effect Telecom.

Mr. Loughnan was previously Executive Aide to Telecom's Chief General Manager. He has developed a wide management background in the areas of Personnel, Finance and Accounting.

Mr. Wragge was previously Assistant Director, Customer Systems and Facilities in Telecom's Research Laboratories. He is widely experienced in advanced telecommunications technologies and has represented Australia at the ITU and a number of major international telecommunications forums.

The Business Development Directorate is situated at Telecom National Headquarters in Melbourne.

\$14m. order for SBS

Telecom has ordered another \$14,328,000 worth of Commander Small Business Systems to meet its requirements to June 30 next year.

"This order brings the total value of Commander orders placed so far this year to more than \$44.6 million," said Telecom Australia's General Manager, Commercial Services, Mr Mel Ward.

"Commander systems are proving to be extremely popular with our customers," he said.

"They are ideal for customers needing multiple exchange lines and extensions with intercommunication between extensions," said Mr Ward.

The latest order has been placed with Standard Telephones and Cables Pty. Ltd. The systems supplied by the company will have about 58 per cent local content.

Commander Small Business Systems were introduced to the Australian national market by Telecom in 1981. They cater for organisations needing between one and 22 exchange lines and from two to 60 individual stations.

"The features available on the Commander system make it one of the most sought-after communications systems on the market today," he said.

"The hands-free operation, last number redial facility, abbreviated dialling, conference calls, in-office paging and alternate point answering fit the requirements of so many businesses."

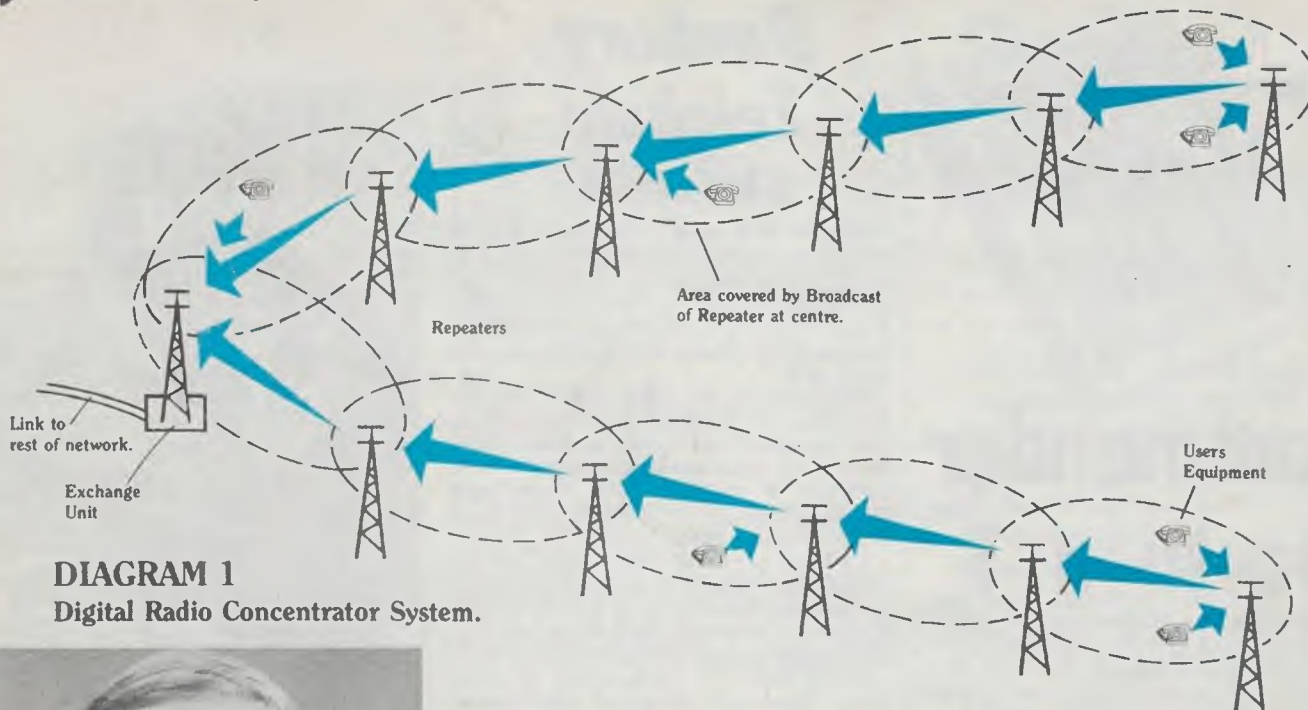


DIAGRAM 1
Digital Radio Concentrator System.



● Commissioner Quartermaine



● Mr Banks



● Mr Coleman

Telephone facilities in the Outback

A national conference on Australia's domestic communications satellite was held at Alice Springs under the chairmanship of the Northern Territory Minister for Primary Industry, Mr Ian Tuxworth, on July 16, 17.

The Minister for Communications, Mr Duffy, was unable to attend, but made a strong statement of his views on the satellite. Among the important points he made were:

- To assure people living in remote areas that work to establish Australia's communications satellite system was on target for the 1985 launch.

He said there was no reason why the schedule should not be maintained providing the Government was satisfied on two major considerations:

- Firstly, that the satellite system will be viable economically and not be a continuing drain on Commonwealth funds;

- Secondly, that the satellite will offer genuine complementary services rather than seek to engage in destructive and damaging competition with Telecom's terrestrial network services.

Telecom was represented at the conference by Commissioner C. B. Quartermaine, DFC; The Director, Business Development, Roger Banks; and the State Manager South Australia/Northern Territory, Murray Coleman.

In a presentation made on behalf of Telecom by Mr Banks, points stressed were:

An unremitting effort to bring service to the Outback has been a characteristic of the development of telecommunications in Australia from earliest times. The challenge has been to span the vast distances and to link small isolated settlements, towns and stations with the centres of population.

Telecom is continuing to pursue its longstanding objective of bringing automatic telecommunications service to all Australians in the most cost effective and efficient manner and as quickly as practicable.

Harnessing the latest radio techniques (microwave, scatter, concentrator and the satellite) digital technology and solar power together with capital expenditure of around \$300M should enable us to meet this objective by 1990.

Since 1975 Telecom has given a new impetus to the delivery of telecommunications service to outback Australia. This has been achieved by:

- Developing and implementing a concerted program for the conversion of manual services in remote areas to automatic working, and the extension of the broadband trunk network throughout the nation.

In the eight years since 1975, manual services in remote areas have been reduced from 146,000 to around 30,000 and our present plans are to complete this conversion program and to make available to all Australians, who require it, an automatic telephone service by 1990.

- Developing and introducing a range of improved charging and pricing initiatives such as Community Access 80, lower long distance charges and reduced maximum charges for service connection; and

- Searching out, applying and developing as soon as practicable new telecommunications technology in order to meet remote area service needs.

The two latest developments in technology which will help meet these needs and which we are actively preparing to use at this time are: the Digital Radio Concentrator System and the satellite.

DRCS

The DRCS is a Telecom concept harnessing the latest techniques of digital radio communications to provide remote customer services. Services available from the DRCS include:

- high quality and high reliability local, STD and ISD service;

- inherent privacy of communication;

- STD coin telephone capacity;



MD named on AUSSAT Board

Telecom's Managing Director, Bill Pollock, has been appointed to the Board of the Government's satellite company, AUSSAT Pty. Ltd. The appointment took effect from August 1.

Mr Pollock is one of six new directors, including a new chairman, Mr David Hoare, a Sydney merchant banker, named by the Minister for Communications, Mr Duffy, recently.

Mr Duffy said: "Now that the major decision has been made to go ahead with the satellite system, the Government has found it necessary to review the membership of the AUSSAT Board."

He said he believed the reconstituted Board would result in a better balanced Board which would better reflect the Government's policies on the satellite's future and have a strong business orientation.

- network access under customer control;
- telex and data links;
- PBX or PABX facilities

We are currently in the middle of the system-proving process with trials in Charleville in Queensland (December / February 1982/83), Elliston in South Australia (July 1983), and Berry Springs / Batchelor near Darwin (August 1983).

The project is on target and subject to successful completion of the proving trials the first production systems are due in 1984-85. The first system for the Northern Territory is expected to serve 27 customers in the Daly River area.

This will be followed in 1985-86 with an extension of this system to Peppimentarti and Wadeye. Our current expectation is that nearly all of the remote areas of Australia could be covered by 1990.

Satellite

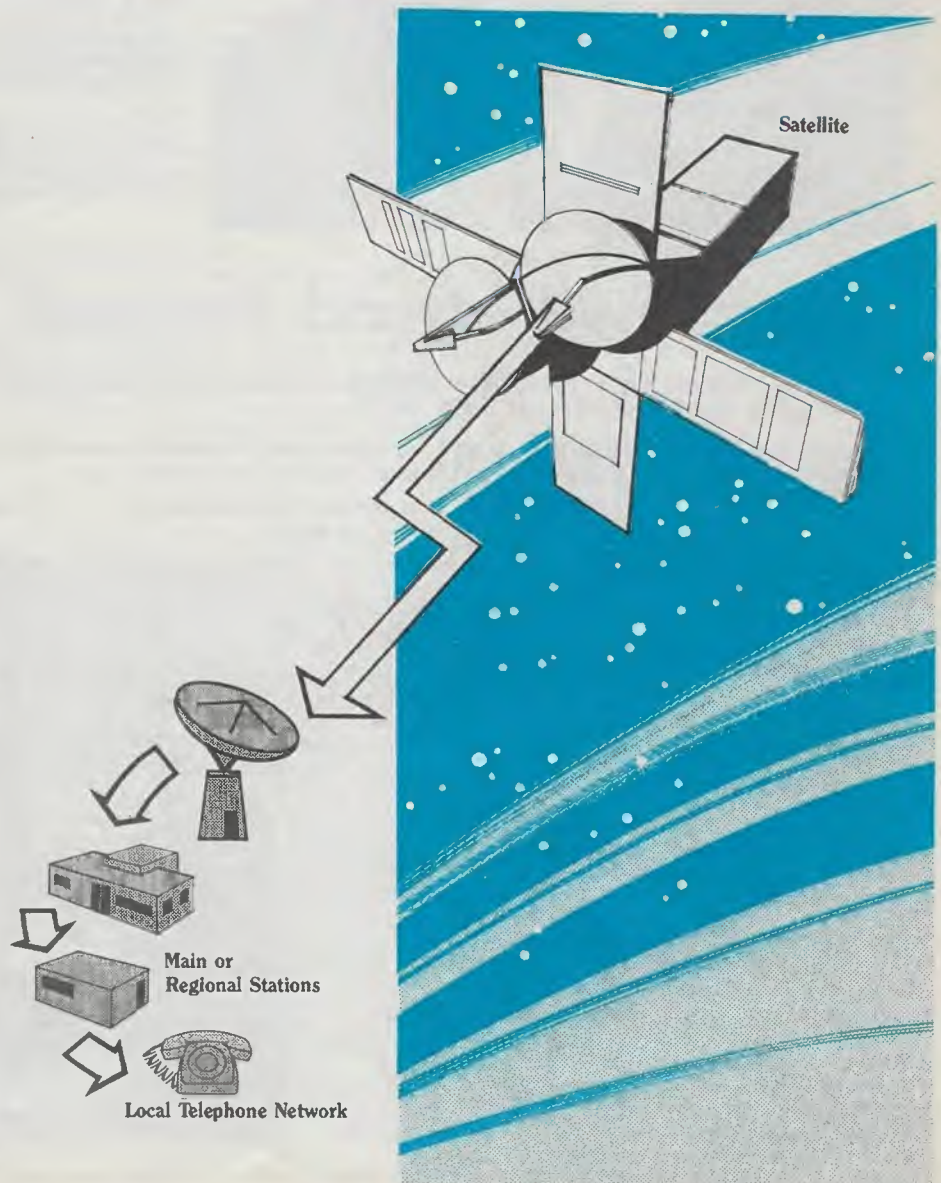
Telecom has firm plans to use the satellite for the provision of services to remote areas. It can also be used for emergency restoration of service to areas isolated from the network in, for example, a disaster situation, and further we will be able to provide service at short notice or for a limited period of time; for example, to mining or exploration sites.

Telecom has already placed orders for the earth stations and systems needed to derive these facilities from the satellite.

We have ordered:

- A control station to link the remote earth stations into the network;
- 45 single circuit earth stations;
- 15 multi-circuit earth stations to handle up to 12 circuits each; and
- Five fully equipped emergency transportable stations for up to 12 circuits or two megabits for either 30 channel PCM or two megabit transmission.

All of these stations are transportable and the delivery and testing program is timed so that we can begin providing services when the satellite is ready for use. We plan to begin installation of the first remote earth stations in June 1985 and it is our understanding that with the launch of the first satellite in July 1985 services could be brought into operation by the end of 1985 or early 1986.



Goodbye, Godfather!

Cec Way retires after 47 years

For Telecom's Chief Manager, Operations, in NSW, Mr Cec Way, known affectionately as the "father or Godfather of the Operations Department," retirement after 47 years service has come at the wrong time.

Percy Cecil Charles Way, or just Cec Way, as he's known to many thousands of former and present Telecom staff, finds the advancing technological age challenging, fascinating and exciting.

"We've come a long way in my 47 years — from aerial poles and wires, valves, step by step exchanges, three-channel trunk systems, right through to the era of the micro-chip, computers and satellites," he said.

'Wrong time to go'

"It's an extremely exciting time with all this developing technology — it's just the wrong time for me to go out," Cec said.

Cec Way's 47 years in the telecommunications business began on February 10, 1936, when he was appointed as a Junior Mechanic-in-training with the P.M.G.'s Department.

In 1937 he transferred to the Metropolitan Lines Section of the Drafting Section as an unattached clerk and during this time acted in the positions of both Assistant Draftsman and Draftsman Grade 1.

In 1939 Cec became a Cadet Engineer and following graduation on January 18, 1943, he was promoted to the position of Engineer. During the next four years he carried out appointments with Nos 5 and 2 Lines Divisions in Sydney, squeezing in a three months tour in Dubbo.

April 1947 saw Cec move to the Riverina District where he spent the next 13 years, first as Group Engineer Wagga District and then, after promotion to Engineer Class 3 in 1950, as Divisional Engineer Wagga District.

Duties over those 13 years included the planning of programming, installation and maintenance schedules for aerial trunk and subscribers' lines. It also included the oversight of the installation and maintenance of plant equipment in the two large districts of Wagga and surrounding rural areas.

It was during this period that he gained valuable insight and experience into the



● CEC WAY

Big crowd attend farewell

More than 300 people crowded the Banquet Hall of Sydney's Masonic Centre on July 7 to pay tribute to Telecom's retiring Chief Manager, Operations in NSW, Cec Way.

The occasion was a farewell dinner to Cec Way given by Telecom staff and friends, bringing together current and former officers who had worked with Cec during his 47 years in telecommunications.

The function, compered by Chief Manager Commercial Department, Lex McPherson, was attended by 311 people and was one of the biggest farewell functions held in NSW.

Those attending included the Chief Managers Operations from throughout Australia who were in Sydney for a conference presided over by General Manager Operations, George Hams.

Also attending were the NSW DTMs who were in Sydney for a three-day conference.

The toast to the life and work of Cec Way in Telecom and its forerunner, the PMG's Department, was proposed by Bill Schmidt, General Manager of the Overseas Telecommunications Commission who'd had a close working relationship with Cec Way for many years.

Mr Schmidt paid high tribute to Cec's personal qualities, his concern for people and invaluable work over the years.

He was supported by George Hams, and API State President, Bill Philpott, who paid high tribute to Cec's work for the Institute and its members.

Telecom NSW State Manager, Ken Douglas, who'd worked closely with Cec over a number of years, thanked Cec for his many years of service and made two presentations — his service award for 47 years of service and a video cassette recorder from Telecom staff.

Cec Way responded and in a touching, and sometimes emotional, speech paid tribute to those with whom he had worked over the years and recalled some of the projects and incidents which had occurred during his 47 years.

His address included a tribute to his wife, Lois, and daughter, Felicity, for their home-front support.

He concluded his farewell speech ... "I can't say goodbye, just Aloha."



Ken Douglas makes the official presentation to Cec Way at the farewell dinner in Sydney



Cec Way with some of his senior colleagues at his retirement function. Colleagues and friends from throughout Australia attended.

setting up and maintenance of automatic exchanges and aerial construction work including the main Sydney-Melbourne J12 trunk route.

In December 1960 Cec was brought to Sydney to strengthen the Metropolitan Services Section and was subsequently appointed to the Equipment Service No. 2 Sub-Section.

'Been there, done that'

From that point on, right up to 1975, it was a case of "been there, done that."

Among the many appointments were Engineer Class 4 in the Regional Works and Services Section, Metropolitan Branch Equipment Service Section, Supervising Engineer Region No. 1 (East), Acting Staff Engineer Class 5 in the Programming and Resources Co-ordination Section of the Metropolitan Operations Group.

A brief spell as Area Manager, Grade 2, Canberra District Telecommunications Branch and then on January 10, 1974, Cec transferred to both Services Branch and next to Metropolitan Operations Branch as Executive Engineer in each instance.

It was Cec's background in telecommunications and experience with External and Internal plant activity, in both country and metropolitan areas, that put him in good stead to organise and implement in NSW a proposed structure for the formation of the Operations Department.

Following Telecom's vesting day, July 1, 1975, Cec acted as Chief Manager, Operations Department, was promoted to the position 23 days later and remained in that position until retirement day — July 7, 1983, the sixth anniversary of the "birth" of Operations Department as it's known today.

As Cec recalls: "I struck the jackpot on July 7, 1977 with the start of Operations Department, the only time I've ever won a jackpot."

"I led the team which established the ground rules for the Operations Department. It was a total and magnificent team effort. I told them it was going to be a consensus.

"We just kept talking, eating, drinking, sleeping and living together until we got that consensus," he said.

With the obvious conviction of a man who fervently believes in his given task and the future, Cec went on . . . "Operations has been a complete success story. The original concept has not changed.

"It will be even more successful as we build up our sales teams, build on the good work already done and go forward from that base into the future," he added.

Cec Way has a firm belief in and appreciation of people — the people who work in Telecom and the people they work for, the organisation's many customers.

"Telecom people are great people and when they're under pressure or in times of crisis, they do spectacular things — they leave you gasping yet always come up trumps," he said.

"I've seen them in manholes working up to their waist in water to joint up before the floodwaters pour in, others in the case of the Civic Exchange fire, worked exceptionally long hours, asleep draped over the racks, then wake up and get on with the job.

"There've been others in the face of advancing floods, lay cable, joint it and close up — doing days' work in matter of minutes and hours. Then there was the magnificent work done by people in the Granville bridge disaster."

Then the ultimate tribute — "In all my time I can say that no-one has ever let me down."

In his action-packed years with first the PMG and then Telecom, Cec Way has found time for extra-curricular activity including active membership of the API, being its State President 1967-1976, life member of API and life member of the Telecommunications Society, as well as competitive bowls which started in Wagga 26 years ago.

Action-packed

His retirement, if Cec's plans are any indication, promises to be just as action-packed as the last 47 years.

He's a member of North Sydney Bowls Club, No. 1 Pennant player since 1968 . . . "I'm going to have a crack at the big mid-week tournaments . . . never had time before . . . we'll see how good these blokes are."

There's his love of dogs . . . "We have Pugs. My daughter Felicity, a Telecom Sales Representative at St. Leonards, shows them and I will now help my wife Lois care for them."

"We have three dogs and the most successful is the one I picked out of a litter who's turned out to be a champ having taken many ribbons including a fourth place at the Royal Easter Show."

Then there's the cat, the Way aviary which includes George the 'featherless' Cockatoo, Reg the Lorikeet, a galah, Quail and a group of African Peaches, Cec's love of photography and a new acquisition, an electronic organ, which Cec is determined to master.

If all else fails there is his amateur radio (VK2YS) to catch up on.

Cec's interest in technology is such that he's seriously considering buying a personal computer — to help programme a very busy retirement and maybe keep in touch, just a little, with progress in his Ops Department.

Tribute to a brave man

Sir,

I am writing this, I do not do it lightly. On Saturday last (June 11th) one of your technicians a Colin Boteman, of Cormack St. Beacon Hill, was rock fishing at the base of North Head. (Big Blue Fish) This is an extremely dangerous place to fish at the best of times. A place where if a rock fisherman goes in, he is very much on his own.

On this particular morning a fisherman did get washed in, (a Robert Hunter of French's Forest). Unfortunately as he was washed in he was apparently badly injured, to what extent we will never know. Which means that besides being in dangerous waters, the possibility of being smashed against the rocks and the sharks, all this added up meant that he was in real trouble.

Without a thought for the danger or for his personal safety, Colin dived in and assisted Robert to stay afloat and to keep away from the rocks. The current swept them some distance out to sea, but at no time did Colin let Robert go. To keep an injured man almost fully clothed afloat for the length of time Colin did under such dangerous circumstances was a feat that will be talked about by rock fishermen for some time to come.

A few minutes before the Rescue Helicopter arrived Robert started to sink, Colin used what strength he had left to prevent this but it was in vain.

Although his valiant rescue attempt failed, Colin can only be called a man amongst men, one in my opinion, who would be good to have at your back in the best and the worst of times.

Yours sincerely

L. G. Coffey

Ex 2/nd AIF & Ex Sen. Officer N.S.W.F.B.

(We print this letter as it came to us as a sincere tribute to a brave man. — Ed.)

Motor cycling with safety

To make motor cycling safer in Australia, attitudes have to change.

This was the reaction of Alan Cunningham, a Technical Officer from Toombul in Queensland, to the article in last month's Telecom News regarding dangers riding motorcycles.

Mr Cunningham, a motor cyclist for the past 10 years and a member of the Motor Cycle Riders' Association, said rider training is slowly being introduced in Australia, due mainly to work by organisations such as the MRA. He said that for years the MRA had been trying to enhance safety, change negative attitudes and counter ignorance.

Mr Cunningham said that a responsible rider would always make allowances for road conditions and ride to minimise possible dangers.

Correct clothing, Mr Cunningham said, was another way to minimise injury. "A sensible rider would wear clothing that gives protection from gravel rash, burns, abrasions, cuts and knocks. Another jumper and extra socks may give extra warmth, but do not give extra protection. Goggles and helmet are compulsory safety equipment," he said.

In 1911, the PMG said it would never work . . .

72 years later, Miram cuts over

Two of Victoria's few remaining manual telephone exchanges recently cut over to automatic.

The exchanges, at Kaniva and Miram, will now have their 476 customers catered for by a new exchange at Kaniva.

The five full-time and three part-time operators at Kaniva plan to retire while Miram's two telephonists Joyce and Harold Wheaton will stay at tiny north-west Wimmera township to run its unofficial post office.

It will be the end of a long Wheaton association with the exchange. Miram storekeeper Clarrie Wheaton founded the service in 1911 when he bought phones and 11 tons of soft wire from Germany to connect his store in Miram to his father's Broughton farm, 32 km away.

In spite of the scepticism from the PMG, which said there was no way the system would work, he went ahead with the project.

Wheaton's idea was a success and soon became an extensive telephone system which serviced several north-west Wimmera towns and districts.

Since then Wheaton and his family have run it for all but three years.

Clarrie Wheaton's father, Philip, bought an empty store at Miram for 100 pounds in 1903 and

asked 18 year-old Clarrie to help start a business. Trade started at the store with 10 pounds worth of goods.

The store was previously owned by George Coles, father of G. J. Coles, founder of Coles store chain.

Clarrie took over freehold of the store in 1908, later became Miram postmaster and moved the post office from Miram railway station to the store.

He began putting up a single wire telephone line from his store to his father's Broughton property in 1911.

Farm houses between Broughton and Miram were connected and by 1912 Miram's first telephone directory had six names listed. The service was a private one until the PMG connected a trunk line on August 1, 1912.

It expanded rapidly, extending to Kaniva in March 1914 and North Yanac later that year.

The Post Office and Exchange went back to the Wheaton family in July 1954 when Clarrie Wheaton's oldest son Roy became Postmaster. It has remained a family concern since, first with Roy, 1954-75 and later with Roy's half brother Harold.



● And the last day for Joyce and Harold Wheaton at Miram.

Mr Wheaton, 62 and his wife Joyce, stayed at Miram after the manual exchange closed. Mr Wheaton said he would enjoy the freedom of not having to look after the exchange.

"My wife and I looked after it

by ourselves, so we never got the chance to go out together.

"Just having the post office means I've virtually got a nine to five job and that will give us a lot more freedom."

Pictures, details, The Wimmera Mail-Times

Walking for charity



Chairman of the Children's Hospital Appeal in Brisbane, Sir Reg. Leonard, gratefully accepted the cheque for \$852.33 from John Angluzzi.

Leg wearying efforts by five staff members from Telecom's Brisbane Workshops have raised \$852.33 for the Children's Hospital Appeal in Brisbane.

The five undertook a 78-km walkathon from the GPO in Brisbane to the Southport Post Office — unfortunately falling just short of their destination due to a number of factors including rain, early darkness and danger from heavy traffic on the Gold Coast Highway on a Friday afternoon.

The marathon walkers were John Angluzzi (Paint Shop), Rob Heggie (Trade Planning), Camel Daniels, Paul Neden and Jeff Stephenson (Administration).

Initially, John intended doing the walkathon alone but the enthusiasm spread to others.

A large crowd of fellow Telecom workers were at the GPO to see the walkers step off at dawn and many others assisted along the way with support vehicles, food and refreshments.



● The last day for five of Kaniva's telephonists, from front: Mrs Debbie Hill, full-time for four years; Mrs Marion Alexander, full-time 10 years; Mrs Jenny McDonald, two years part-time; Mrs Robyn Hendy, 12 years full-time and Mrs Pat Plozza, 13 years part-time.

Sydney White Pages on the move

The mammoth task of distributing a record 1.7 million copies of Telecom's new, 1983 Sydney White Pages telephone directory began last month.

More than a million telephone customers are listed on the 2361 pages of the directory, which Sydneysiders refer to about 300,000 times daily, making it by far the most widely used book in Australia.

The Sydney White Pages will again be issued as two books, one book containing the listings from A to K, and the second book the listings from L to Z.

The new directory contains thousands of new and changed telephone numbers which Telecom expects will reduce the need for customers to ring Directory Assistance (013).

This service, which is free, is provided for customers who have access to a directory but are unable to find the number they want.

Because up to 80 percent of calls to 013 are for telephone numbers already listed in the directory, the service cannot always cope with the demand for it.

This year, for the first time, some of the directories will be delivered in special plastic bags to protect the books and ensure they arrive at customers' premises in top condition.

As well as identifying the books it contains, the bags will introduce Telecom's new range of Premium Telephones for sale with an illustration on one side.

The bagged delivery of the White Pages is being trialled this year in 12 Sydney suburbs

and, in all, some 130,000 telephone customers will receive their directory in the new bags.

Some telephone customers in the following suburbs can expect to receive their directories in the new plastic bags: Balgowlah, Bondi, Coogee, Fivedock, Glebe, Granville, Guildford, Hornsby, Manly, Miller, St. Marys and South Strathfield.

The 1983 directory covers feature an artist's impression of the work of Dr Barnardo's Homes for Children, which celebrates its centenary this year.

Some 6400 tonnes of paper, 94 tonnes of ink

and 28 tonnes of glue were used to print this year's directory. In addition 25 tonnes of plastic wrapping was needed to pack and protect the books during transport.

About 93 per cent of the paper used in producing the 1983 Sydney white pages was supplied by Australian industry.

A major part of this local content agreement is to ensure that Australian forests are not progressively denuded of trees.

Local and overseas experience has developed a planting and culling cycle that continually balances new growth with timber usage.

... and here's a few statistics

Production statistics for the 1983 Sydney White Pages telephone directory make for some interesting comparisons to baffle the imagination.

For example:

- More than 1,097,483 entries listed on 2361 pages. The printing used 6400 tonnes of paper with 94 tonnes of ink and 28 tonnes of glue to keep them together. Twenty-five tonnes of plastic wrapping was used to package and protect the books during transport and delivery 1,717,000 copies of each volume containing more than four thousand million pages.

- The distance covered if each directory was laid end to end in a continuous line would be the equivalent to the distance from Sydney to Canberra and back again.

- Sydneysiders refer to the White Pages approximately 300,000 times every day making it by far the most widely used book in Australia. More people read it than James Michener and Harold Robbins put together.

- The most common name in the White Pages is "Smith", occupying 17 pages of the directory and consisting of 8160 entries.

- If stacked on top of one another the 1983 White Pages would reach a height of 123,624 metres — that is more than 400 times the height of the Sydney Centrepoint Tower.

- It takes 6400 tonnes of paper to print the White Pages. 1,717,000 copies of each volume are printed — enough to cover a football field to a height of 68.4 cms or more than 19 layers.

OPTICAL FIBRE CABLE PLOUGHING

Preliminary field trials leading to the introduction of Telecom's Single Mode Optical Fibre (SMOF) systems into the national network have reached an advanced stage, with representatives from top management witnessing the final kilometre of four fibre cables being ploughed in near Bacchus Marsh, Victoria.

"Within two months we will have determined the specifications of the selected cable, which will be purchased on a world-wide schedule for installation between Melton and Ballarat.

"These initial cables will be monitored continuously for the next 12 months," said Allan Sisson, Superintending Engineer, Lines Construction Branch, HQ. He pointed out that in mid-1985 Melton, Bacchus Marsh and Ballarat will be the first provincial cities in Australia to be linked with the new fibre.

"By that time we'll have ploughed in a permanent cable which will run from Ballarat to Melton, when it will connect with an existing coaxial cable to Melbourne.

"We will then be in a position to link the new AXE electronic exchanges to be put into service in the two cities at about the same time," Mr Sisson said.

A number of senior managers were involved in the successful field trials. They included (from left): Ernie Angel, Superintending Engineer, Construction Branch, Victoria; Geoff Nowotny, Superintending Engineer, Transmission Planning Branch, HQ; Rollo Brett, State Manager, Victoria; Jack Ryan, Chief State Engineer, Victoria; Laurie McKechnie, Chief Development Engineer, HQ; Keith Barnes, Chief Planning Engineer, HQ; Allan Sisson, Superintending Engineer, Lines Construction Branch, HQ; and Graeme Kidd, Section Engineer, Transmission Planning, HQ.



RIGHT: Although the ploughing of fibre cables directly into the ground is not a widely practised technique, it is the most economic method of siting long rural cables in the Australian environment.

● General Cooke and Ken Loughnan congratulate Capt. Bastock on his appointment.

Telecom STO gets select Army job



Telecom HQ STO Martin Bastock has been appointed to the select Army posting of Aide-de-Camp to Major General K. G. Cooke, ED, Commander of the Divisional Field Force Group and Senior Army Reserve Officer, Victoria.

Capt. Bastock, who works in Engineering Service's Long Line and Radio Service Section, was congratulated by Ken Loughnan,

Assistant Director, Business Development, on behalf of Telecom, and General Cooke at a function at Divisional HQ recently.

"Telecom supports the Reserve forces for many reasons; not the least being the ability to reap back the administrative and organisational skills that many of the officers attain," Mr Loughnan said.

"On behalf of Telecom, I congratulate Martin on this achievement and wish him well in his future endeavours."

Capt. Bastock was appointed to the year-

long post from a final selection list of six Army Reserve officers.

Although his new post will probably not be as physically demanding as previous Army Reserve experience, no doubt it will be a challenge.

Capt. Bastock, a member of the Royal Australian Signal Corps, previously commanded a Commando Signal Troop for three years where such things as parachuting, unarmed combat, and proficiency in specialist weapons is normal. Capt. Bastock wears the coveted Commando Green Beret.

Liana wins hearts of workmates

Liana Page (below) has been with Telecom in Launceston since January, 1981 and in that time has won the hearts and admiration of all her colleagues.

She joined under a rehabilitation scheme only six months after her return from Melbourne's Austin Hospital.

Liana is disabled but that has not stopped her creditable performances both at work and at play. She has worked as a typist and relieved as a Clerical Assistant, but most of her work has been as a SPAN operator.

At play she has excelled at sport and earlier this year was invited to compete in the New Zealand National Games for the Disabled following her association with the Paraquad Sports Club.

To her credit, Liana won three gold medals in breaststroke, backstroke and freestyle, setting a New Zealand record in the freestyle event.



● ALISTAIR URIE

When Alistair Urie was summoned to the telephone while busily solving a transmission problem at Telecom's Research Laboratories in Clayton recently, he was astonished but thrilled to learn that his application to join an Australian Antarctic team was successful.

A class 1 engineer, 24-year-old Alistair, who joined Telecom about two years ago, has been granted two years' leave without pay. This enabled him to leave at short notice for Hobart, Tasmania, on July 11 where he will spend the next six months preparing for his sojourn in the Antarctic, before setting sail with his team mates for Mawson Bay (named after the leader of the Australian Expedition leader of 1911-1914), sometime in December.

Then, about a year later, he will spend another six months at Hobart before rejoining Telecom.

On the eve of his departure from Melbourne, Alistair was asked what he found appealing about Antarctica.

"Besides being interested in instrumentation engineering, atmospheric physics and related scientific subjects, I am also a keen wildlife conservationist.

"The Antarctic has always fascinated me. It

Alistair's two-year Antarctic mission

is not only the most southerly continent surrounding the South Pole, but the idea of spending a year on this vast ice-covered plateau enjoying my leisure hours observing penguins, seals, whales, birds and so on is the realisation of a dream."

In order to carry out year-round programmes of scientific research, Australia maintains four permanent stations in the vast area to her south, three on the Antarctic continent in Australia Antarctic Territory (Casey, Davis and Mawson), and the fourth on sub-Antarctic Macquarie Island.

The Antarctic Division of the Department of Science and Technology has two main functions. The first is to organise and co-ordinate basic logistics support for the Australian National Antarctic Research Expeditions (ANARE). This includes shipping for transport to and from Antarctica, aeroplanes and surface transport for work in Antarctica, and the design, establishment and maintenance of Australia's Antarctic stations.

The Division's other role is to conduct scientific research in the areas of biology, cosmic-ray, physics, glaciology, human medicine and upper atmospheric physics.

Permanent staff of the division number just over 100, while temporary personnel, who are employed for the period of the expeditions, vary between 80 and 150, depending on the time of year.

Many of the permanent staff of the division have spent considerable time in Antarctica, and regularly visit stations during the summer.

The Antarctic Division's Headquarters is located at Kingston, near Hobart, Tasmania.

Quietly, Joan left as she arrived

On Monday, May 25, 1936 a timid and nervous 18-year-old with two long plaits down her back made her way up the front steps of 57 Harrington St., Hobart.

Almost 47 years later Miss Joan Cousins, B.E.M. Supervisor in Charge of Hobart MAC, retired as quietly as she had arrived. It's been a long time since that first day when she reported for work to the Assistant Superintendent's Office in the Telephone Service Branch of the PMG.

Throughout her career Joan undertook many tasks in the Manual Assistance area. Shortly after the outbreak of World War 2 she began monitorial duties in the then Hobart Trunk Exchange and in 1949 after spending some time as a CA3 she successfully sat for the Telephone Supervisors Examination.

Later, as a Supervisor in the telephonist training area, Joan had the distinction of teaching the first totally blind operator in Australia, Keith Jackson. Over the ensuing years Joan gained a wealth of experience as a travelling supervisor in the Service Assessment area and on general duties in the Hobart MTX. This experience was to stand Joan in good stead for her ultimate position of Supervisor in Charge of the Hobart MAC.



● Miss Joan Cousins being farewelled by Chief General Manager Gordon Martin and Tasmania State Manager, Dennis Robinson.

Over the years Joan developed many interests including singing, for which she studied and gained an L.Mus. (performing). She has a deep interest in stage and repertory work and gave her support on the Committee of the Hobart City Eisteddfod Society for 15 years.

On top of this, Joan gave immeasurable time and service to the telephonist staff association (ATPOA). She was General Secretary on the

Federal Council from 1966 to 1976 and for this work she was awarded Life Membership of the Association.

In recognition of her "service to the Crown in all walks of life over a 25 year period" Joan was presented with the Queen's Silver Jubilee Medal.

Joan was to receive further honours, for in 1980 she received the British Empire Medal.

An automatic reason for a get together

Theodore has gone automatic. The manual exchange cutover recently with the 350 services now being catered for by 800 lines of ARK equipment.

Theodore is about 200 km west south-west of Gladstone in Queensland.

At a cutover party Rockhampton District Telecom Manager Bryce Plummer thanked all staff for the long and excellent service they had given to customers in Theodore and surrounding upper Dawson Valley centres.

Mr Plummer highlighted the fact that whilst all telephonists and night telephone attendant staff and their families attended the party so did almost all Theodore technical and lines staff and their families.

He said this was indicative of the very good relations and team spirit that had existed in Theodore for many years. This team spirit has been particularly fostered by the Senior Telephonist (Mrs Yvonne Farrands), Mr Plummer said.

He said that the number of cards and telegrams of thanks and good wishes that had poured into the exchange from customers and local community leaders and politicians must be of particular pleasure to Mrs Farrands and her staff in that they underlined the high regard in which the local community held the exchange personnel.

The cutover party which was organised by the telephonists in conjunction with Country Installations staff who installed the new exchange also drew a host of visitors from the District Office in Rockhampton, including Travelling Supervisors and other telephonist colleagues from the Rockhampton MAC.



Cutting the cake are from left: Cecily Brady, Val Barnard, Beryl Chippendale, Melba Cole, Yvonne Farrands, Gerald Connolly, Irene Saver, Bev Hannam, Claire Breckenridge, Jessica Shoecraft, Annette Courtney.

Old technology gives Kirsten new outlet

A sense of humour is a wonderful attribute, especially when ascribed to someone like 28-year-old Kirsten McFadden, whose lifelong vulnerability to common forms of allergy reached a peak in October last year when she became hypersensitive to petro-based compounds.

At the time Kirsten was told that unless she lived in an uncontaminated environment free of allergy-causing substance her life would be in jeopardy.

Instead of complaining about the vicissitudes of such a secluded existence, she was far more concerned about how her parents Don and Nan would respond and allayed their fears with the observation: "Let's laugh at today's problems because tomorrow's might be worse."

This maxim has eagerly been embraced as the McFadden family motto.

Don retired early from Australia-Post and he and Nan scoured the countryside in their determined search for a "protective" environment for their plucky, fun-loving daughter.

ESCAPE TO HOMEBUSH

Early this year, at a time when the allergy kept her almost constantly in a state of paralysis, Kirsten escaped from 20th century life into the natural cocoon of an isolated 66 ha farm called Homebush, 5 km from Avoca, in Central Victoria.

She was gently deposited there after being whisked from the "polluted" city environment in a whirly-bird organised by the "Angel of Mercy" Helicopter Service.

Sited in the heart of lush vegetation, bushes and tall trees, the farm now provides the natural setting which screens Kirsten from contamination and enables her to live as normal a life as possible. The extreme irony of the situation is that she still has a price to pay, because her reaction to any allergy will become more and more pronounced the longer she remains in a pollution-free environment.

Nan McFadden says her daughter has a special sort of courage and strength of character which helps her to cope with isolation from society, and that a keen sense of humour assists her to overcome rare bouts of depression.

DIFFICULTY WITH VISITORS

"Although Kirsten loves visitors to drop in, it is very difficult to ensure that they are contamination free; therefore when she is occasionally indisposed after such visits it invariably affects her for up to four days at a stretch," said her mother in a recent telephone interview.

"Kirsten still suffers acute allergic reactions, I'm afraid, which usually mean collapse followed by intense pain all over her body for several hours."

It was then disclosed that only a miracle, such as a breakthrough in medical science, could ever again permit Kirsten to mix freely with friends and acquaintances without fear of contamination.

"Until then we have to keep her screened from everything emanating from a modern, technological society, such as the whole range of plastics, and even incidental items

like shampoo, make-up, shoe polish, plus numerous others that could easily infect her," said Mrs McFadden, pointing out that even television viewing was risky for Kirsten, because the smell given off after the set had warmed up had petro-based compounds.

"Needless to say our days are filled with double-distilling Kirsten's drinking water, weeding her organic vegetable patch and looking after the animals while her father does most of the shopping, driving along a narrow road which services the property," explained Mrs McFadden.

Kirsten admitted that she has grown even more sensitive to chemicals since being at Homebush, and warmly thanked Telecom for making it possible for her to "communicate" with the outside world.

As the modern telephone is taboo because of her susceptibility to allergy, an old Bakelite instrument was recently installed at the farm.

Technicians at South Melbourne Workshops have stripped the plastic away and replaced it with silk and cotton. (Unbeknown to Kirsten, a second back-up telephone is presently being constructed at the Workshops).



Don and Nan McFadden are constant companions for their daughter on the farm ... and, of course, the family pet.



RIGHT: A Telecom Technician works on the Bakelite phone which is the back up unit for the one which has given Kirsten a new lease of communication with the outside world.

BELOW: Kirsten's move back to nature has allowed her plenty of time to work on her expanding vegetable patch.



Although she's away from the hustle and bustle of city life, Kirsten has plenty of friends on the farm, including this horse, one of her animal companions.

Pictures: Melbourne Sun
Barry Cook (Telecom)

Pleasure in a simple phone call

"I am deeply appreciative to everyone concerned at Telecom for being so very considerate and helpful.

"It's uncanny, you know, but you have no idea how much pleasure and how intellectually stimulating a simple telephone call can be," said Kirsten, emphasising that the instrument was an invaluable asset and that it had served to boost her interest in the outside world.

Questioned about allergic disorders, Kirsten said most were easily diagnosed. In some cases, however, the symptoms of allergies — as in her situation — resemble those of other disorders, and diagnosis was difficult.

"Another problem in diagnosis is that some people are allergic to several substances, any one of which could cause the same allergic reaction," noted Kirsten, adding, "unfortunately this makes it hard to isolate a particular offending agent."

The best treatment for allergies? "The easiest and most effective method is avoidance of allergy-causing substance, such as isolating oneself on a farm," she responded humorously.

Summing up, Kirsten said her susceptibility to petro-based products was a relatively gradual process, and she was unaware of its sneaky potency in 1977 when subjected to traffic fumes while busily researching for her doctorate on French history and literature at the University of Paris. Although bedridden for a period the severity of her complaint was not diagnosed.

EXHAUSTIVE MEDICAL TESTS

She spent 1981 lecturing at Melbourne University. From October last year the severity of the allergy attacks was indescribably vicious. After exhaustive medical tests her condition was diagnosed as that of hypersensitivity to petro-based compounds.

More recently, the McFadden family actively participated in a TV documentary in relation to Kirsten's allergy.

Dr. Richard MacKarness, an international authority on the subject who settled in semi-retirement in Australia recently, was interviewed by the TV team.

He said that in his experience he knew of only four other cases besides Kirsten's in which the individuals concerned suffered a similar hypersensitive reaction of the body tissues to petro-based compounds that are usually harmless to most people.

Dr. MacKarness said it is not known why some people are more likely than others to develop allergic reactions.





● Colac External Plant staff dispense aerial cable in the Stoney Rises area.

The Colac External Plant staff found themselves faced with an unusual problem recently but overcame it with a combination of logic and initiative.

In order to provide new telephone services to a number of customers in the Stoney Rises area west of Colac (Vic.) it was necessary to replace about one kilometre of aerial cable that had been damaged by shooters.

After some consideration it was decided that the most practical approach would be to transport poles and cables to the site by rail since it was impossible to get motor vehicles into part of the area.

An approach was made to the "Rent-a-Train" section of

VicRail and ultimately a locomotive and two flat troy trucks were assigned. The plan was to load 19 poles and two drums of cable onto the rail trucks at Geelong and send them to Colac via a scheduled goods train.

On the morning of the job the special train was assembled and as it headed in the Camperdown direction the poles would be off-loaded at the appropriate sites. Due to other traffic on the line, this task had to be completed

within 45 minutes to allow the train to continue on to Camperdown, reverse the locomotive and wait for another train to pass through before starting the return journey.

During the trip back to Colac the cable was played out along the aerial route in preparation for installation when the poles were erected. The work was successfully completed within the allotted time without incident thanks to the pre-planning.

External Plant staff railroaded

Joy's on an historic mission ...

When you work for Telecom Public Relations you are asked to wear many hats and you can never be sure where the job will take you from one day to the next.

New South Wales' recently appointed Historical Officer, Joy Shackcloth, had to juggle a few hats a few months ago when she was asked to assist with Telecom's display at the Newcastle Show.

Not only was she called upon to help with the design, Joy was also expected to find display items.

The theme of the show was Communications and Joy's ingenuity was stretched to the limit in supplying some of the equipment.

As historical telecommunications equipment is always a draw-card, Joy is always on the lookout for supplies and her limited stock can only be stretched so far.

"Too often, old equipment is smashed or lost," says Joy. "If only people would give me a ring and let me know the equipment was available, I would happily arrange transport."

The equipment is not only needed for dis-



● Joy at the Telecom stand during the Newcastle show.

plays, but Joy is also trying to gather a collection of historic telecommunications equipment for display in Sydney and needs all the help she can get.

Inanimate objects are not the only interest for Joy. "Talking to some of our retired officers is always very interesting. Too often, the

memories are not recorded and the only way to get information is by talking to people."

If you are or know of a former Telecom or PMG employee or if there is a cutover or upgrading in your area, anywhere in New South Wales, or if you know of the existence of old equipment, please give Joy a ring on (02) 230 6420.

Getting to know you Ryde visit

More than 70 community and business leaders, including the Mayor of Ryde in Sydney's north-western suburbs, recently took time out to visit Telecom's upgraded North Ryde Telephone Exchange.

In a "getting-to-know-Telecom" style operation, the visitors from the North Ryde, Eastwood and Epping areas, toured the exchange — tours aimed at giving them an appreciation of the complexity of the telephone system serving their areas.

Telecom's State Manager, Ken Douglas, joined with Epping District Manager, Reg Muir, in welcoming the guests and speaking with them about improvements to the service and introducing them to the wide range of Telecom products.

The function was timed to recognise the cutover to ARE-11 of the 9000 lines of crossbar equipment and provide the opportunity for an on-the-spot explanation of action taken to overcome problems in the now highly commercial/industrial area.

North Ryde Exchange, which came into service in 1956 serving 156 telephone users in a predominantly market growing area, now caters for more than 12,000 telephone services.

DEVELOPING AREA

The area it serves has seen a development explosion in the past 27 years including the establishment of a major industrial area, the Channel 10 and 7 studios, Macquarie University and the giant Macquarie Shopping Centre.

In addition there's been extensive medium residential development in the surrounding area.

As the conversion to computerised technology — a \$400,000 project — neared completion and problems experienced by customers moved nearer to solution, Epping DTM Reg Muir decided to open the exchange to major customers.

A marquee was set up in the Exchange grounds to receive the guests, a special caravan with latest Telecom products



The Mayor of Ryde, Ald Malone, and his Town Clerk, Kevin Brown, were given a personal tour of the North Ryde Exchange during their recent visit. Engineer Syd Bates (right) explains features of the switching equipment to Ald Malone (centre) and Kevin Brown.

displayed was parked nearby and a car equipped with Telecom's mobile telephone system put on display.

Staff from the Exchange and other parts of Epping District were on hand to conduct guided tours.

Over a three hour period more than 70 business and community leaders inspected the displays and took advantage of the tours, discussing the equipment and problems they'd experienced.

Leading the visitors was the Mayor of Ryde, Ald. John Malone and the municipality's Town Clerk, Kevin Brown

who after touring the exchange inspected the range of new telephones, including the just released Premium Phones.

The majority of visitors expressed appreciation for the opportunity to visit and inspect the Exchange which they said had given them a greater appreciation of what was involved when they made a telephone call.

During the visit State Manager Ken Douglas outlined developments in telecommunications leading to the new technology available today and spoke of future developments.

A gold prospector, deer stalker and a grappa drinker

Quite often the Editor receives pictures and reports from staff regarding reunions of different sorts. They usually follow the pattern of how many were present, where they came from to attend, etc.

But we have received one with a difference from ST02 Ron Welsh of Switching Design and Practices (Vic). It concerns the recent 25th reunion of the 1958 intake of Techs-in-Training.

Ron points out that of the 380 who were in the intake, 130 attended and these 130 represented the following statistics:

They had sired 133 boys and 135 girls for a total of 268 offspring with an average of slightly more than two. Three were retired officers, 12 were now working outside Telecom, 54 served on sporting organisations and committees,

nine were connected with the scouting movement and two with the CFA.

On the sporting (or unusual hobbies) side of things, one still played football, two ran in the recent Big M Marathon, three played pennant squash, two served with the Army Reserve, two were involved with vintage cars, four were involved in non-professional theatrical dramatics, and one was keen on deer stalking and sporting shooting.

There were several other unusual hobbies listed including organ maintenance, dairy farming (with seven children and still finds time to work for Telecom), astronomy, apiary, insulator collector, grappa drinker, and gold prospector.

An unusual and diverse group, we're sure you'll agree.



● Pictured at the function wearing their original blazers are (from left): John Wall, Noel Lennox and John Turner.

Latest (switching) technology at Royal Hobart

Tasmania's public now has quicker, easier and more efficient telephone access to the Royal Hobart Hospital.

A new electronic switchboard system was cutover at Tasmania's biggest hospital at the beginning of July. Requirements for providing information and the paging of individuals had become too heavy for the existing equipment.

The new computerised equipment represents a major upgrading of the hospital's external and internal communications.

It ensures more effective service for calls from the public and incorporates a specially designed paging facility.

The system was specially designed for the Royal Hobart and supplied by Telecom using Philips Business Communications equipment, the latest in switching technology.

AUSTRALIAN FIRST

The combination of the equipment and associated software is an Australian first, although other versions of the system have been used extensively in Tasmania and other States.

The heart of the system is a computer controlling the stored program with memories tailor-made to suit the special requirements of the Hospital.

Because of the need to ensure communications at all times, the intelligence of the system has been duplicated in a second computer which will automatically take over if the initial computer fails.

Further system protection is provided by an alarm system which is extended to the Royal Hobart Communications Centre and the Telecom Service Restoration Centre.

The use of the digital switching technique means that the system, while providing more complex facilities and expansion capabilities, takes up less room than the previous equipment.

For two weeks prior to the cutover, Telecom Advisers conducted a specialised training program for Royal Hobart operators and staff.

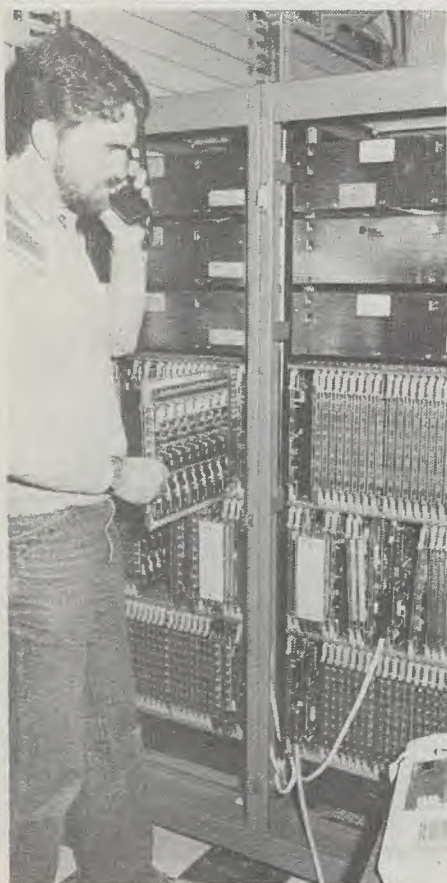


ABOVE: TO Chris Hope examines one of the control cards in the PABX.

LEFT: TO Bruce Andrews testing connections to the public network.



Telecom Service Adviser Mrs Sandra Lansky training the Royal's head operator Mrs Beverley Webster on the operation of the new switchboard.





The Trunk Call-Hour and Traffic Forecasting Conference in session, with representatives of Trunk Network Services and Planning Services at Headquarters, and of Commercial/Marketing and Traffic Engineering in the States.

Trunk Forecasters Forge New Links

Traditionally, Commercial Services Department has been responsible for targets of calls in the telephone network, whereas Engineering Department has had the responsibility for producing traffic forecasts.

For the first time, an All-States conference has been held of personnel involved with both aspects of forecasting in the trunk network. The Trunk Call-Hour and Traffic Forecasting Conference, held in Melbourne on July 12, 13, brought together Headquarters and State forecasters from both Engineering and Commercial Services Departments.

The recommendation of the McKinsey Report in 1982 identified the need for increased inter-Departmental co-operation to integrate Commercial targets with Engineering traffic forecasts.

As an example of this co-operation, the Trunk Call-Hour and Traffic Forecasting Working Party was established in Oc-

tober 1982, with the objective of defining the relationship between national trunk call-hour targets produced by Commercial Services Department and forecasts of busy-hour trunk traffic produced by the Engineering Department. The relationship derived by the working party includes such diverse parameters as economic indicators, STD tariffs and marketing initiatives. The management report of the working party has recently been submitted to top management for approval.

In opening the conference, Mr Keith West, Manager, Trunk Network Services Division, emphasised the importance of accurate forecasts of trunk traffic, particularly as STD is the major contributor to Telecom's earnings. Mr Bill Close, Acting Superintending Engineer, Telephone Switching Planning Branch, outlined briefly how the McKinsey recommendation for determining the optimal

level of economically - justified reserve capacity in the network is being implemented. The level of reserve capacity can be reduced as forecasts improve, with a consequent saving in capital expenditure.

The first day of the conference was mainly an information session at which the findings of the working party were presented, and the issues requiring further development by Headquarters and the States were addressed. The States will be encouraged to establish their own working parties to continue local development of this forecasting process as a joint Marketing/Engineering activity.

The second day of the conference, which was restricted to the Engineering representatives, was directed towards reaching agreement on the macro Interstate traffic forecasts for 1983/84-1987/88.

The success of the latest \$330m Telecom Bond Issue was due to a large extent to the hard work of the many staff involved in its operation.

In Melbourne a Bond Information Centre was set up at Cromwell House comprising 14 staff from Cost Accounting Section of the Finance Branch.

Senior Finance Officer Brendan Drew said everything went smoothly considering the size of the issue and the overwhelming public response.

"In a week staff at the centre handled more than 1600 telephone inquiries," he said.

"In addition, the centre kept Telecom Business Offices up to date with what was happening," Mr Drew said.

Staff answered inquiries about all aspects of the Telecom Bond Issue and also sent out prospectuses.

The issue was the most successful conducted by Telecom and fully justified the different promotion approach.

For the first time a TV campaign was used for a week prior to the opening and for the first week this issue was open. The issue was open for two weeks but because

Bond brings team together



● Brendan Drew (fifth from right) with the staff from the Bond Information Centre

of the enormous public response was closed at the end of the first week.

Media personality Derryn Hinch was used as the front man for the TV campaign.

The original \$300 million limit was reached so quickly the figure was

extended a further \$30 million. The \$330 million comprises \$135 million public money with the remainder from institutions.

The reaction kept the Bond Information Centres busy (the free-call phone numbers had been advertised in the press) with a total of 5630 inquiries.

Telecom's man of words leaves to learn to talk in tongues

As the telecommunications network increases in size and services offered, new technologies will of necessity see the gradual introduction of a more specialised translator.

This is the opinion of Steve O'Callaghan, one of those rare individuals whose love of languages has enabled him to devote his entire career, spanning 38 years with Telecom, immersed in a subject he has revered since childhood — linguistics.

In that period he gained a reading knowledge of 12 languages, became fluent in French, German and Dutch and from 1952 was Head of the Translation Section at Telecom Headquarters' Personnel Department, Marland House, until his retirement on July 1 at the age of 60 years.

Nowadays it is taken for granted that facts and information, when translated into English, must be conveyed without any variation of meaning. Few people realise that the translation of technological material is an extremely exacting, and sometimes onerous task.

To express in one language precisely what the writer seeks to convey to the relevant technical expert in a different language and to systematically retain the exact sense of the original communication is the unending function of the translator, and requires unremitting search for the mot juste. (The precise expression for the meaning intended).

Rapid changes in technology

The volume of the translation work performed by this particular section is very great, despite the fact that not all the technological departments make use of the service.

"Against a background of rapid technological change, with new words being coined almost daily in English and many other languages, the general translator, like the family doctor, will gradually be replaced by the specialist translator," said Steve in a recent interview at his home in South Yarra, which he will use as a base in which he and his wife Joan will be spending their retirement when not travelling abroad.

"Besides having a sound scholastic education, wide general knowledge and above-average language ability, I visualise the translator of the future being fully conversant with the technology in which they have specialised, constantly keeping abreast of the latest developments.

"Actually, it is getting harder and harder to keep up because technology is advancing by leaps and bounds. The introduction of a new discipline, such as optical fibres, means that a whole range of new terminology is brought into the system. Then the workload of the translator is increased as it is imperative that they read every scrap of material on the subject."

Steve majored in French and German at the University of Melbourne for his Bachelor's degree in 1944, went on to do his Master's degree in which he majored in German and Dutch and then proved himself a glutton for punishment by doing the Scandinavian languages by private study.

"Ideally one should mix with the people of a given language group, but as very few Danes, Swedes and Norwegians come into contact with the average Australian, I learned such languages purely for professional reasons so that I could translate on paper from them, without ever developing the oral side.

Develop oral side of language

"But my wife Joan and I will be remedying this aspect next year, because I intend to develop the oral side of languages during our visit to Greece, Yugoslavia and Italy."

How did the translation section become established?

In 1930, the PMG department discovered that it was receiving letters in foreign languages which no one could



Retirement means Steve and his wife Joan will be able to enjoy more one of their loves... music, one of the 'international' languages.

Translation to get more specialised

read or understand. Most of them were in French, because Australia, as a member of the Universal Postal Union, was obliged under the charter to receive correspondence in the French language.

"A Mr Leonard eventually translated these letters in French, and in due course an excellent man from the Defence Department, Leo O'Kelly, was appointed as a full time translator. Although not a finely trained linguist he was a likeable character with tremendous talent, who possessed that instinctive 'feel' for a language so necessary for rendering it into another.

"At about that time research engineers discovered that there was a whole world of technical literature in languages other than English. They began subscribing to periodicals published in German, French, Italian and many others.

Accepted appointment

"Initially they were satisfied with summarised versions of the articles. But soon Leo was forced to recruit an assistant to produce complete translations of each article. They were also required to edit which meant they had to correct grammatical, syntactical and orthographic errors, so to improve the text that it would be made suitable for circulation," said Steve.

The daughter of the then Prof. Lodewijk of Germanic Languages at Melbourne University, Dymphna — an Irish Christian name — became Leo O'Kelly's assistant, but vacated the position a few years later when she left to continue her studies abroad.

"Fortunately Leo used to attend meetings on campus held by the German Club, of which I was secretary, so when the job became vacant in 1945 I was encouraged to apply for it. When I was offered an appointment I happily accepted, and then succeeded Leo when he retired in 1952," he said.

The appointment of a third assistant in the translation section came about when an important technical article written in Japanese appeared.

An excellent translation was done by a clerk in the PMG department, Les Oates, who was persuaded to join the translation section with an agreeable boost in his salary.

Les, who had started to learn Japanese at the age of 14, became fascinated with the language and Japanese culture in general. He joined the army, spent seven years with the occupation forces in Japan and returned to Australia thoroughly fluent in the Japanese language, and with a Japanese wife.

"Les started studying arts at Melbourne University, settling for South East Asian Studies which encompassed Chinese, Indonesian, and the history of various countries of that area. Ironically, no Japanese was taught at the time.

"But the Chinese teachers soon discovered that they had a prodigy on their hands. Les knew all the characters because of the similarity of Japanese. And he so impressed the academics that he was given the job of lecturer in the newly formed Japanese school at Melbourne University before he had even graduated.

"Needless to say the translation section's loss was the University of Melbourne's gain. Les soon acquired his Master's degree and is now a senior lecturer in Japanese," said Steve O'Callaghan, concluding the interview with the observation: "I'm afraid we had to drop Japanese — Les proved to be irreplaceable."

Steve and Joan have two boys and two girls, all grown up.

"Our eldest is David, aged 28, who is studying psychology at university while Helen 26, is married and has provided us with our first grandchild, a granddaughter," observed Steve.

"Then there is Christine, who at 25 is studying language, literature and drama at Rusden Teachers' College with the youngest, Peter, aged 22, who is still in the process of deciding on a career," Joan said.

Something old and something new happening in Parkes

Telecom Parkes in business centre

In keeping with its marketing drive, Telecom has moved the business office and administrative staff at Parkes into the heart of the town.

The new shopfront office and display area is located in the main shopping centre facing Chamberlain Square.

In the same building will be accommodated 52 administrative staff, who since 1965 have been housed at premises in Lower Clarinda St.

Mr David Simmons, MP, performed the official opening ceremony, his first since being elected to Parliament.

He was supported by the NSW State Member for Dubbo, Gerry Peacocke and the President of Parkes Shire Council, Bernie Maguire.

Dubbo DTM Maurie Hatton, said the move was an historic one, coinciding with Telecom's entry into the marketing field.

"There is a need for Telecom to lift its marketing image, which this new shopfront demonstrates," he said.

As well, there was a long-standing need for improved accommodation for Telecom's administrative and sales staff at Parkes.

Addressing a large gathering outside the shopfront, including local residents, Mr

Dubbo DTM Maurie Hatton (left), looks on as Mr Simmons, cuts a ribbon at the official opening of the new TBO and administrative offices.



Hatton said the first accommodation for engineering and administrative staff at Parkes was opened in 1952.

(A telegraph line was established in 1875 and the first manual telephone exchange at Parkes began operation in 1906.)

Mr Hatton was accompanied by Dubbo Customer Services Manager, Mike Twohill and Parkes CSM, Bob Meadows.

After the official opening, guests and members of the public were invited to inspect the new shopfront and the administrative offices upstairs.

A reception was held later at the Parkes Leagues Club where Mr Hatton paid tribute to the staff who had organised the move and to the 20 technicians, 22 linemen and 30 telephonists who served the residents of Parkes and surrounding districts.

Frank sales to major award



Telecom's sales representative at Parkes, Frank Wickham, has won a major award for outstanding sales achievement in country NSW.

Frank, who has been with Telecom at Parkes for three years, was appointed sales representative three months ago.

Since then he has sold telecommunications systems and services worth more than \$125,000.

He was presented recently with a Certificate of Salesmanship and a mounted medallion for the most consistent sales achieved in the country area of the State during 1982/1983.

Frank is endeavouring to visit all the major telephone customers within the district, from Molong in the East to Broken Hill in the West.

"I'm travelling about 480 km a week, talking to customers about the many new developments in telecommunications," he said.

"In many cases these developments will benefit customers by reducing business costs and improving their present telephone systems."

Before coming to Parkes, Frank spent nine years with Telecom's customer services section in the Sydney suburbs of Bondi, Edgecliff and Kensington.



Historic documents found

Historic telephone documents, dating back to 1895, were uncovered by Telecom staff at Parkes recently.

Yellowed and frayed with age, the documents are significant in that they trace in detail the history of a particular telephone service over a period of 60 years.

Starting with a request for a private telephone service at Coan Downs Station, Mt Hope, the file ends with a transfer of service to another customer in 1965.

Although at this time the file was officially declared obsolete, to be 'kept for historical records' only, the service, of course, continued on.

The discovery was made when Telecom vacated premises in Lower Clarinda Street, Parkes, which the local staff had occupied since 1965.

Telecom's new premises in Chamberlain Square, includes an ultra-modern shop front display and sales office.

Examining the historic file at the new office (left) is Juergen Schulz, the officer-in-charge of Sales and Contracts.

The original file will become part of Telecom's NSW historical collection in Sydney. It is hoped some key documents can be reproduced for permanent display in Parkes.



ABOVE: At Fitzroy Crossing, Michael Morgan uses a Digital telephone held by Telecom's WA State Manager, Len Caudle. In the foreground are representatives from the Junjuwa and Wangkatjungka Aboriginal Communities.

BELOW: Gary Johnson, President of Fitzroy Crossing Progress Association makes a commemorative call to the Shire Engineer in Derby.

From left, Graeme Campbell, MHR for Kalgoorlie, Brenda Johnson and Gary Johnson.

Halls Creek phone link

The Kimberley centres of Fitzroy Crossing and Halls Creek now have their first reliable communications with the outside world.



In an official ceremony at Halls Creek, commemorative telephone calls were made using the \$20 m Kimberley Microwave Communications System.

Telecom is progressively opening the link as the various stages are completed.

Kimberley MLA, Mr Ernie Bridge who made one of the commemorative calls, said there was no advance in technology that could surpass the introduction of modern communications to the Kimberley.

Mr Bridge said that as a long-term resident of the area, nothing had caused greater frustration than the problems of the old telephone system.

He congratulated Telecom for constructing what he described as one of the most important facilities available to the people of the region.

The Federal Member for Kalgoorlie, Mr Graeme Campbell, said the opening of the link was evidence of Telecom's concern for people in remote areas.

State Manager Len Caudle described the phone system as it was in 1925.

Of the limited trunk calls that were possible, callers had to shout so loudly that some people questioned the need for the phone.

He said the new system provided a cyclone-proof national and international link, giving phone users STD, ISD, data and telex facilities.

Camel train symbolises a new era

A phone on a tree and three camels helped herald the new era in communications for Fitzroy Crossing.

For the townspeople, the significance of ceremony number two at Fitzroy was that they now have reliable communications with the outside world. Gone are the days when floods and overloaded trucks can tear down the single pair of wires that was their telephone link.

MHR Graeme Campbell said outback communities would be further served with the proposed domestic satellite from 1985.

Mr Campbell said he felt the satellite should be operated by Telecom because he believed that this would best serve the interests of people in rural and remote areas.

He pointed out that country telephone customers were currently subsidised by more than \$300m a year in the provision of communications facilities. Remote communities often overlooked the cost of installing systems such as the Kimberley link.



The occasion was not overlooked, however, by the residents of Fitzroy Crossing.

From a phone installed beside a tree, the telephone lead taped to the trunk, Fitzroy Crossing Progress Association President Gary Johnson telephoned Derby.

He used the latest in push button telephones and called using STD. Then, watched by members of the Junjuwa and Wangkatjungka Communities, Aboriginal

representative Joe Lonnigan made a call to the Noonkanbah Aboriginal Community.

In both cases, the callers could have telephoned anywhere in the world using ISD.

An unscheduled witness to this small piece of history was the un-named, bearded gentleman, clad in flowing white robes, who arrived with his three camels during the ceremony.

MURPHY STRIKES!

That incurable optimist, the legendary Murphy, once proclaimed that if anything could go wrong, it would. Once again, his prediction and analysis of human nature has been substantiated.

Just four days before the solar-powered Kimberley Microwave System between Derby and Fitzroy Crossing was officially opened, the aerial telephone wires were again accidentally torn down. The lines are strung at least 4.3 metres above the

bitumen when they cross a road. At 8.40 a.m. on June 30, contractors resurfacing the highway 50 km north of Derby snapped the wires. They were repaired within two hours by Telecom staff, Derby.

The snapping of aerial lines by overloaded trucks has been a constant source of frustration to telephone users in the north. However, this problem will soon be history along the route served by the Kimberley Microwave system.

ABOVE: Len Caudle addresses Telecom and community representatives in Halls Creek.

BELOW: Shire President Doug Dixon and Kimberley MLA Ernie Bridge receive a framed photograph of the Halls Creek Microwave Terminal from Len Caudle.



Bubbly, VCRs for winners

Four lucky people in Sydney are now the proud owners of video cassette recorders — prizes they won as part of the launch of Telecom Australia's Directories Branch latest venture, the Community Phone Book.

The Phone Books contain information on a wide range of community interests as well as a white and yellow page listings for the community. They cater for the specific needs of the community they serve.

The initial four districts in Sydney were Leichardt - Marrickville, St. George, Manly - Warringah, and Parramatta - Auburn.

At functions in the four districts to present the prize win-

ners with their recorders and a bottle of champagne, a library in the district was also presented with \$250 for the purchase of books for that library. The functions were attended by Directories representatives and Edward H. O'Brien, Yellow Pages sales contractors.

Entrants in the competition were required to answer questions, answers to which were contained in the Community Phone Book.



● Parramatta District Manager, Alan Vesperman, presents Robyn Lang of Girraween with her video cassette recorder and bottle of champagne.



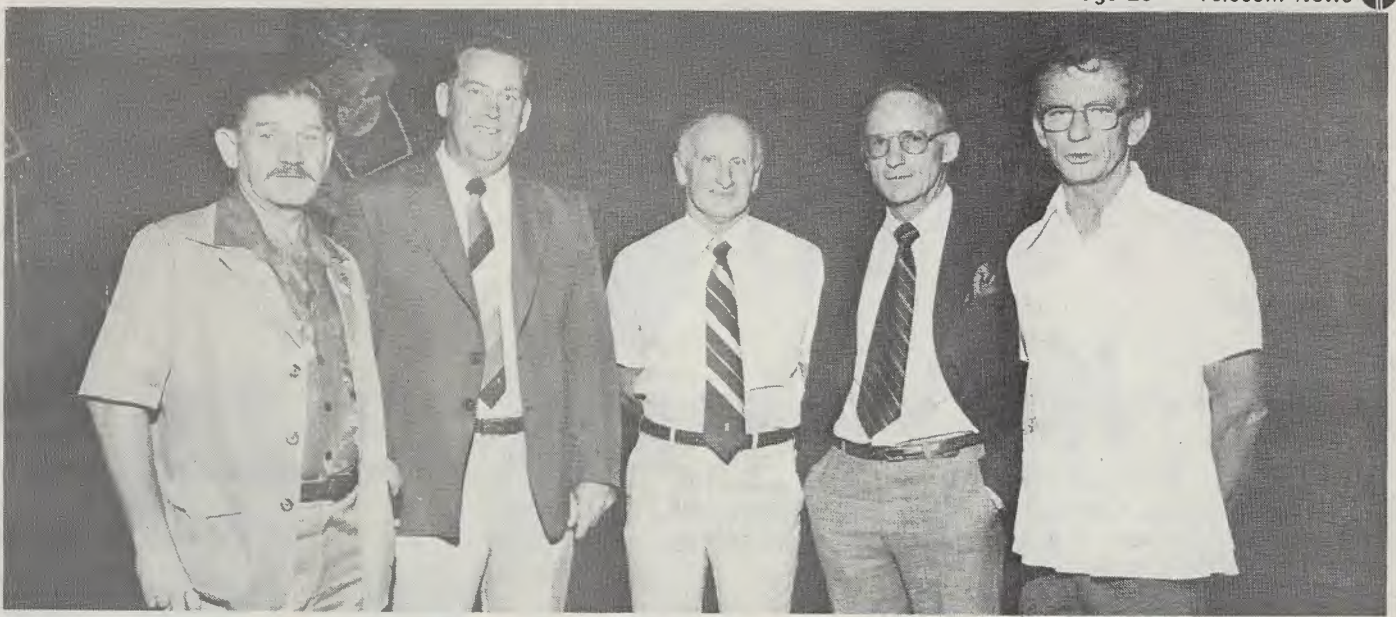
● ABOVE: It was smiles all round at Mona Vale when Chatswood District Acting Customer Services Manager, Brian Tremlow (left) presented Peter Reid of North Manly with his VCR.



● Susan Goss of Allawah took her husband along to help carry the prize when she received her VCR and bottle of champagne from Sutherland District Customer Services Manager Cec Clancy (left) at the Rockdale Business Office.



● It's in the box for Mr C. Karaiskakis of Dulwich Hill when he picked up his recorder from Telecom's Newtown District Manager, Les Bloxham at the Rockdale TBO.



From left: Geoff Aldwell, Frank Morris, Mick Nicholls, Ron Best and Mick Maloney at the reunion.

LITs of '54 relive old times

What do a Qantas caterer, an External Plant Manager, a draftsman and a training school Principal have in common?

In 1954, as young men aged around 17 years, they began their first day's training with the PMG as linemen-in-training together with about 100 others.

With typical youthful bravado, the newly-shorn trainees concealed their first day nerves and homesickness from each other.

Although the training was intensive, firm friendships were made and many kept in touch with each other for the next 30 years.

SLO: Fred Wanstall, was a member of that 50s intake, and he decided it was time to hold a reunion.

Preparations were made and invitations issued. The response was incredible. Members of LIT groups 13-17 response was incredible. Members of LIT groups responded from all parts of the State and, in some cases, interstate, all eager to get together and recall "the good old days."

On a sunny afternoon, 60 former trainees and their wives met at Granville RSL in Sydney's western suburbs and relived those early memories and caught up with each other's progress.

Geoff Aldwell, EPM Kempsey, was one of the new boys in 1954 as was Frank Morris.

Frank was so impressed with the training he received that he, too, became an instructor and has been the Principal of Greta Lines Training School for the past 25 years.

"Training is more intensive these days," he said. "People were much friendlier when I was a trainee. These days, people expect much more from you."

Ron Best made the journey from Adelaide to attend the reunion. A native of Bondi, he is still a member of North Bondi Surf Club and makes a point of visiting his old stamping ground every year.

Fred Wanstall remembers Ron for his extremely neat handwriting and his drawing ability, so it came as no surprise to his former mates to discover that Ron undertook further training and is now firmly established as a Supervising Draftsman with Adelaide's Engineering Branch.

The surprise member of the group is Geoff Smithers. Beginning his working career as a lineman, Geoff left the PMG five years later to join Qantas in the catering division. Having travelled extensively with Qantas, he is now based at Mascot as the catering manager. If the food isn't up to scratch next time you fly Qantas you know who to blame!

Father of six, Mick Maloney has also had a career far removed from those early days. Mick spent 10 years in New Guinea with the Department of Civil Aviation erecting microwave dishes at heights of 13,000 feet.

Now located in Narrandera as an estimator, he has fond memories of New Guinea, and he and his wife plan to return there in the near future.

From the heights of radio dishes to the depths of cable tunnels, members of this group have done it all. Take Jack Barringham for example. He has moved up the ranks from being a lineman in the Ashfield area to an estimating foreman, a lines inspector and currently, he is the SLO 2 in charge of a group of estimating supervisors and cable assigners with Parramatta external plant.

Almost 30 years later Frank Morris said he recognised each and every one of his former colleagues.

"They haven't changed a bit, just grown a little older," he said.

It was a thoroughly enjoyable experience for all and, for organiser Fred Wanstall, a very satisfying climax to months of hard work.

"Everyone had a wonderful time," he said, "and they all asked when the next reunion would be held."

After seeing the look in Fred's eye, it would not surprise anyone if it became a regular event.

And from the Class of '54, all attendees would like to say "Thanks Fred!"

Here's to No. 5000!

NEC Australia Pty. Ltd. recently received an order from Telecom Australia for the supply of digital microwave radio equipment between Melbourne and Adelaide.

The order lifts to 5000 the number of microwave transmitter-receiver bays supplied to Telecom by NEC.

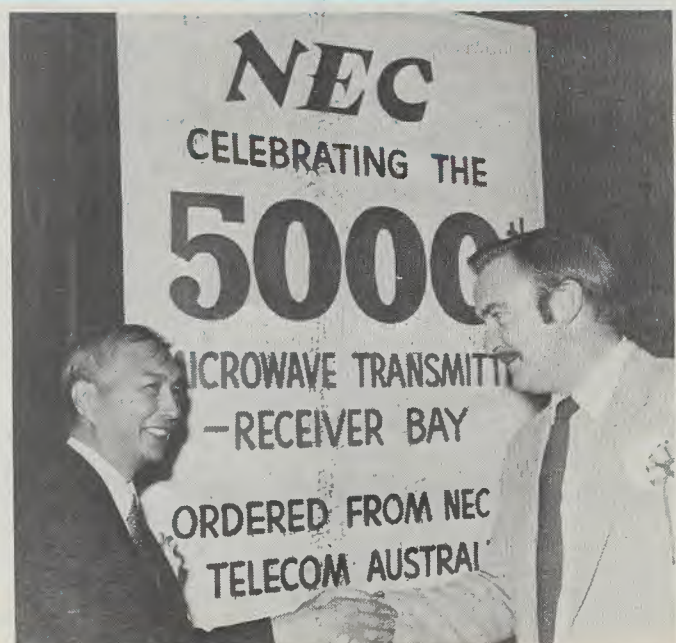
The new bays will form a digital microwave radio link and will carry data traffic, telephone calls and television.

Other NEC-supplied links are at present being installed between Melbourne and Sydney, between Dampier and Perth and between Derby and Kununurra.

The Melbourne-Sydney link will be Australia's first long-haul

digital microwave radio system. It will use large capacity equipment capable of transmitting information at 140 Mb/s, the equivalent of 1920 telephone channels.

The order for the 5000th microwave transmitter receiver was marked by a ceremony in Melbourne hosted by NEC's Managing Director, Mr. T. Kashiwabara, attended by Telecom management.



●Telecom's Chief Development Engineer, Dr Len Mackechnie congratulates Mr. Kashiwabara on the milestone.

Tiger Bartlett to call it a day after record-breaking career

400 up for Kevin

On August 6, Kevin Bartlett will run onto the Melbourne Cricket Ground to play his 400th senior day game of VFL football. It is a mark never reached before and it is unlikely if it will be again.

And it will be one of Kevin's last games as he plans to end his illustrious career with Richmond at the end of the season. It's a career which has spanned more than 20 years and has been rich in rewards and experience.

The decision to retire was not a sudden one, despite a fractured cheekbone midway through the season, one of the most serious injuries Kevin has sustained.

"I just thought that I'll be more than 37 when the new season starts. I've been very happy with what I've achieved in football both collectively and as an individual," Kevin said.

Wants to coach

A technical officer at Telecom's Research Laboratories, Kevin wants to coach but it's not something he's going to rush into.

"I'm going to have a break over the summer and hopefully look at the chance of media work. I'll be looking at avenues of retaining my interest in the game." He presently writes a column for a sporting newspaper and with his vast experience and dry humour is seen in many quarters as a natural for TV.

The retirement of Kevin Bartlett will close a chapter in VFL history. One of the most decorated and skilful players ever to pull on a boot, he missed out on the game's ultimate individual award, the Charles Brownlow Medal. But the joys of winning a premiership and sharing that with teammates has always been more important for Bartlett.

And there have been plenty of premierships. He has played in five with Richmond, the last in 1980 when Richmond defeated Collingwood by a record score, and Bartlett kicked seven goals to equal a VFL record and also won the Norm Smith Medal for best player afield.

First picked

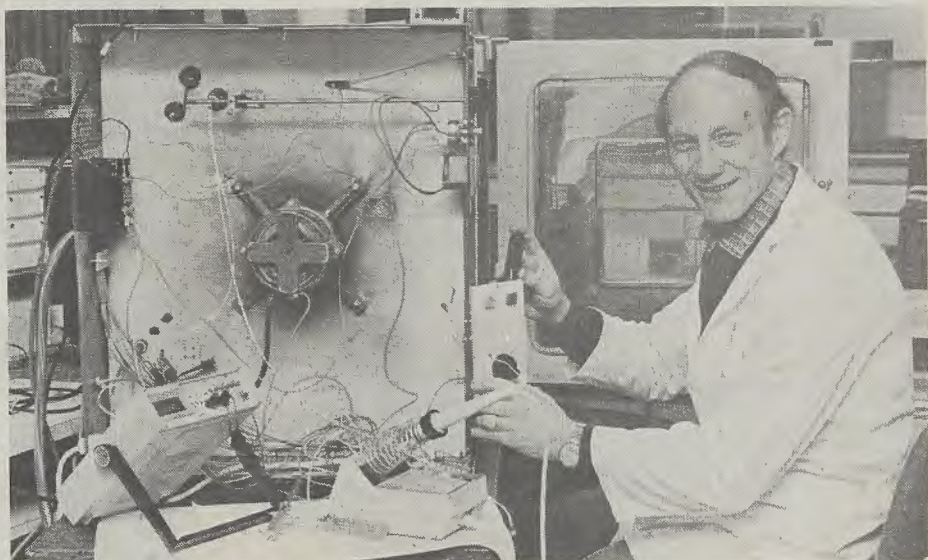
Bartlett began his love affair with Richmond in 1963, winning the Under 17 best and fairest that year and the under 19 best and fairest in 1964. He came on as a reserve against St Kilda on May 1, 1965 for his first senior match and has been one of the first players picked since.

He has won five senior best and fairest awards and on three occasions was the club's leading goalkicker.

In a remarkable coincidence, Kevin's 400th game will be against Collingwood and appropriately the great rover/half forward will end his career on the MCG on August 27.

● **FOOTNOTE:** In 1980 Kevin played his 336th game to become highest game player in VFL history.

Kevin Bartlett acknowledges the applause of the crowd after winning the Norm Smith Medal in the 1980 Grand Final victory. Picture courtesy Melbourne Sun-Pictorial.



Kevin at work at Telecom's Research Laboratories