

"RESEARCH LAB REPORTER" ✓

The free use of first names was one of my early surprises on first joining the Research Laboratories, particularly after a traditional upbringing and experience in the Navy. It was immediately apparent, though, that this informality in no way reduced the respect or authority due to senior staff members. Now we are so scattered, and often don't know surnames, let alone "handles", but despite our middle-aged spread the old attitude still prevails, and I hope it will always be with us.

My reasons are as follows. It means to me that people are working as part of a real team, in which the members appreciate and respect their team-mates for their individual contributions, at whatever level they may be engaged. The necessary lines of authority are maintained by staff doing their own jobs efficiently, and helping those around them. In these circumstances we don't appear to need the variations of title such as "Sir", "Dr", "Mr" or just plain "Joe" to sort us out.

These are my views (and others are free to disagree). If we meet a new face, then let us find out how he would like to be addressed, and make him feel comfortable by acceding to his wishes. My advice to young staff members would be to go along quietly, and to take your cue from established staff; but not to presume on the friendliness of older, senior people. (As to how we address our ladies - I'll leave that to more experienced people to advise you ---).

There are times, of course, when we should be more formal, as for example when we have visitors from other parts of the Department or "outside". With our usual good manners, we would let the visitors set the tone of our discussion, while making every effort to make them feel welcome.

So much for talking with one another; but when we go on paper, and particularly the sort of papers that circulate, or have copies buried in our vast files, we should be consistent. The only satisfactory approach here is to be quite formal, and we each become Mr. I.B. Mused, Mrs. R.U. Cold (or Miss Nomer?), (or Dr. in the special cases).

Whether we like it or not, we are judged from all levels by the contribution we make in our jobs, and titles don't help one bit. To let us continue and develop our friendly approach to one another, and keep the Laboratories a happy place in which to work.

Les Murfett

(LES MURFETT)
EQUIPMENT DEVELOPMENT

Visit by His Excellency, the Governor General

It was a memorable day for the Laboratories when the Governor General of Australia, Lord Casey, visited us on 27th August and spent two hours viewing selected activities displayed in two of the Laboratories' buildings. He was welcomed and accompanied on his visit by Mr. E. Sawkins, Deputy Director General, Mr. L.M. Harris, First Assistant Director General, Planning and Research and Mr. Brett.

The activities on display included telephone instrument developments, time and frequency standard equipment, electronic switching projects, examples of the work of the Metallurgy, Chemistry and Physics Divisions and a photographic display of field investigation on microwave radio propagation. He was shown also a number of slides illustrating other projects of the Research Laboratories during a short talk by Mr. Brett.

Congratulations to all on a typical Labs. team effort on the success of this visit.

NOT TOO COLD FOR
SUPPER BALLS

Thursday evening the 11th July was rather cold and windy particularly around the seaside area of St. Kilda. But no one was reluctant to don their finery and leave warm homes to celebrate the occasion of the Laboratories Supper Ball No.1 at the Stardust ballroom.

More than 230 people danced until the early hours and whilst dining enjoyed the wide sweep of Port Phillip Bay beneath the windows. Slim elegance, bright colours and sparkling beads and sequins were the keynote of the dressing. There were no formalities and no official party. From all accounts it was a most happy and successful evening.

Prizes were distributed continuously throughout the night, the two main delectable hampers being won by John Liddell partnered by Jill McDonald from the Library and Neil Wain from Path Evaluation.

The dance floor was completely packed at every opportunity but this did not stop us from appreciating the graceful unrehearsed exhibition of Robert Kam (Physical Sciences) and his lovely partner Judy Hood, who received our unanimous vote as the best dancers of the evening.

Perhaps the title of the most vigorous dancer could be bestowed upon Norm McLeod, Electronic Switching who left us in no doubt as to his fitness during renditions of The Twist and Zorba the Greek.

The evening's endurance test was won by Charles Gloster Bates, ace driver of the Laboratories. A man of his word, Charlie was most adamant that he wouldn't miss one dance. After wife Margaret dropped from fatigue Charlie systematically danced the feet off the remainder of his female table companions.

With such an array of pulchritude in attendance, the official bird watchers voted a dead heat for 117 members of the fair sex. However such was not the case for the male complement. The winner by a mile - Mr. Elegance attired in an outstanding paisley dinner jacket - Ted Hulley, Switching Group.

What a shame we didn't have any talent scouts from our football clubs present! Any ruckman would have been envious of the "spring" demonstrated by Svend Dossing when he was successful in detaching several balloons which were decorating the walls of the Ballroom.

Before we leave this particular topic mention should be made also of the A.P.I. Headquarters Ball held at Earl's Court, St. Kilda esplanade on 9th August. Those of us from the Laboratories who attended this function wish to congratulate Tom Broughton, Administrative Officer (Ball Chairman again this year!) and his committee for providing a fabulous evening of dancing and entertainment for over 300 dancers.

The quiet man, Brian Lafferty went silently into orbit during the bikini-clad Go-Go exhibition. However wife Sue brought him quickly back to ground level. Maree Zara, Typist-in-Charge and Ashley Conroy Information Group were both fortunate to be included amongst the prizewinners during the evening.

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Supper Ball - Balance Sheet

Expenditure

Stardust Catering	\$725.40
Ballroom Decorations	12.50
Liquor Licence	2.50
Coloured Lois	15.43
Hospitality Badges	5.40
Prizes	50.46
	<u>\$811.69</u>
Liquor	\$360.90
State Savings A/c	
No. 96590	<u>\$ 7.31</u>
	<u>\$ 1179.90</u>

Receipts

234 Entree Tickets	
@ \$3.50 each	\$819.00
Liquor Orders	\$360.90

\$1179.90

Did You Know?

The Radio Research Board, as part of its programme of encouraging research in radio science in Australia, sponsored a Symposium on Antenna Research at the Melbourne University during the second term vacation from 14th - 16th August. The Symposium was arranged jointly by a small committee of representatives of the Department of Electrical Engineering and the R.A.A.F. Academy of the Department of Physics of the Melbourne University and the Research Laboratories.

The Symposium covered most aspects of antenna research and was attended by over 70 persons from Commonwealth Departments, staff and graduate students of universities and manufacturer and user organisations who were professionally interested in research and development in the field of antennae.

Two post symposium visits were arranged to the P.M.G. Radio Relay Terminal at Surrey Hills and the R.A.A.F. Academy and associated Dunning Road Research Station.

Mike Subocz, Computation Research left us this month for a period of twelve months to make a private tour overseas to study design and development of digital electronic circuits and systems and computer developments in the electronic industry.

Mike joined the Labs in 1963 in the Pulse Techniques Division and designed much of the test equipment used in connection with the investigation of colour T.V. and associated video projects. We wish him bon voyage and look forward to his return when no doubt he will continue his valuable contributions to the work of the Laboratories.

Gavan Gosman, Pulse Techniques attended the interim meeting of C.C.I.R. Study Group XI at Palma, Majorca where the topics of waveform testing and standardisation of television systems were discussed. Following the unsuccessful attempts at past meetings to obtain a single coding system for colour television, this group is, in part, returning to older problems such as simplification of synchronising signals, and design of operational test signals for use in Vertical Interval Testing. Furthermore, although colour television has been introduced into some European countries, e.g. England and Germany, there is, as yet, no agreed C.C.I.R. standard for tolerances on the radiated signal, and at this meeting the first tentative proposal was made.

John Barry ex - Propagation Division who left us last year, on leave without pay, to go overseas to gain further experience in the microwave field is at present temporarily occupying a position of Senior Scientific Officer with the British Post Office Research Station.

Technical Grades Salary Increases

After three meetings between the Public Service Board and the relevant unions substantially higher salary scales have been received by a Consent Determination.

The technical grades sub-committee included Kevin Curley Stan Beadle and Tony Whelan who presented evidence on behalf of their members to the Laboratories.

The lower technical grades staff wish to congratulate these three representatives for a job well done and to sincerely thank them for the many hours of unselfish labour their task involved.

Mick Collinson, Supervising Technician from Cook, South Australia is paying an informal visit to the Labs early next month whilst in Melbourne with Mrs. Collinson on recreation leave.

The Collinsons are held in high esteem by all team members of the East-West Project who have been fortunate enough to enjoy the frequent hospitality when passing through the township of Cook. Barbecues, hot baths, and home-cooked meals have been provided for our weary travellers.

Mick and his wife will be staying with Harry Ellis, Path Evaluation during their stay in Melbourne and as Harry will be on rec. leave also arrangements have been made for Mick to renew old acquaintances and have a look see through the Labs.

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Grapevine Gossip

Our congratulations to Doc. Seyler, A.D.G. Advanced Techniques who has been elected Vice President of the Institution of Radio and Electronic Engineers (Australia).

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Neil Wain, Path Evaluation will ensure in future that he does not have a young audience when syphoning petrol from a can to his car. Neil's 3 years old son after watching Dad decided to try it out himself. He fails to understand why Dad drinks the stuff - things go better with Coke.

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Just heard that Gordon Walker that popular Chemist Class 3 at Watkins is leaving us shortly to work in the C.S.I.R.O. Food Processing Section in Sydney. We will be very sorry to lose Gordon who has made many friends whilst working in the Labs.

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Heather Bentley, Lab. Equipment, is now a happy "Cub Mother". She passed all the necessary tests and is awaiting her certificate.

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A big cheerio to Mac Apsey who has been admitted to Rockingham Red Cross Centre for several weeks because of ill health. During a convalescent period in that establishment last year Mac took over in the woodwork area and turned out some very professional looking items. Anybody like to submit an order for a coffee table, picnic stools, etc?

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Congratulations to Terry Dillon, Sub-sectional clerk, Switching. Terry is a singer with that well known pop group - Lindy Ward and The Tridents. Competing against 50 groups in a "Battle of the Bands" Competition he and his colleagues were successful in taking off the first prize of \$1100.00.

Unlike other groups who turn their amps up to full volume and blast the audience, the Tridents concentrate on singing the words so that they can be understood. We should hear more of them in the future.

Incidentally Terry and wife Jan are expecting the arrival of their first infant at Christmas.

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Peter Dalliston, Lab. Equipment Division has acquired a new (secondhand) Falcon Automatic sedan. Much skidding of tyres and many miles on the speedo are the result of playing with the new toy.

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Fred Symons, Switching Processor Division is still in the wars since his recent overseas visit. Despite being a little too bit now to be playing football in the street, he attempted to demonstrate the art of kicking to his children - missed the ball and kicked the gutter. Result - one sprained ankle and one damaged ego. - Poor old Fred!

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Don't be alarmed if Roger Morgan Path Evaluation fixes you with an icy stare. His thoughts are far away as he prepares for a temporary transfer to the Antarctic Division where at present we have Bruce Morton who will return at Christmas.

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Bob Barclay, Instrument Section and his wife were not satisfied with winning first prize in Tatts sometime ago so now they have scooped fourth prize. Some people -

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Merle Cuzens, Senior Librarian attended the official opening of the National Library of Australia in Canberra on the 15th August. Although it came into existence in the early 1900's the library has been housed in a series of buildings ranging from tin sheds to warehouse type structures firstly in Melbourne and then in Canberra.

The new building, situated on the shores of Lake Burley Griffin, is planned to ultimately hold 12,000,000 volumes in addition to collections of pictures, maps and films.

Merle attended the opening ceremony in her professional capacity as a Member of the Library Association of Australia and the Australian Advisory Council on Bibliographical Services.

We would be telling tales if we made too much mention of a certain very likable Navy Lieutenant, an aide to the Governor-General who also attended the function.

Julian Ophel, Technical Assistant in the Material Physics Division ceased duty with the Laboratories after being with us for six years. The venturesome "bearded one" is departing for lands unknown up North under the careful guidance of a Lyndon B.J. firm. The word "careful" is used literally because if Julian does not find it difficult to get lost in the snow who knows what the future holds for him in the land of adventure and intrigue.

Julian was farewelled by many of his friends at a convivial luncheon held at a well known den of iniquity.

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Did you see the picture in the evening newspaper of Ray Hernan's son Brett having his first haircut? So what! You say. But at 10 weeks old the youngster has a better head of hair than his Daddio.

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A hearty welcome is extended to all our newcomers included among whom are Ted "Roller" Scates, Equipment Officer, Lynette Chin Quan, Case Records Clerk, Doug Wellington, Sub-Sectional clerk, Transmission Media, J.P.O.'s Cheryl Morrison (Block W) and Frances Haw and Stephen Bradley (Block A), Jo-Ann Schofield, Typist (Block A), Dawn Styants (Loans, Main Library), Veronica Goss (Radio Section Library) and Robert Giantar, William Kuys and Murray McGaffin (Model Shop)

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A car trial for interested Lab members will be held in the near future. Our live wire Doug Wilson and Jenni Kett, Physical Sciences have been meeting regularly to work out the details. At least that what we have been lead to believe.

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Sports & Hobbies

Gymnastics

Apparently due to the dearth of physical education teachers, the opportunities in the field of gymnastics is extremely limited. Nevertheless the Victorian Gymnasts Association, though a comparatively small body, is very active. Recently the Association conducted its annual championship at H.M.A.S. Lonsdale.

Dick Slade, Chemistry and Metallurgy and his wife Billie have every good reason to be very proud of son Peter, who after completing a most exacting and strenuous set of prescribed exercises involving the roman rings, parallel and horizontal bars, Vaulting horse, etc. was judged the Under 16 Champion Gymnast of Victoria for 1968. His effort is even more meritorious particularly as he is only 14 years old.

Incidentally Mrs. Slade is treasurer of the Association and official scorer for the championship was a Mr. R.D. Slade. Congratulations Peter for making it a real family affair. We are sure your winning margin would have been much greater only Dad kept the total down through force of habit - dreaming of these low scores he thinks we believe when he tells us of his prowess on the golf course.

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Skiing John Lewis, Information Group, after three wonderful weeks of snow at Thredbo, Falls Creek and Mt. Hotham had the misfortune to sever an achilles tendon on the second last day of his leave. He expects to be in plaster for about two months but should appear in the Labs early September complete with crutches. Anyone want to buy a pair of skis - very cheap?

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Football: Congratulations to him "The Quiet Tiger" - Kevin Bartlett, Richmond's best rover and Instrument Maker, Lab Equipment. Unanimously voted star player for the week for two successive games early in August, Kevin's "awards" have included the "Sporting News's" Haydn Bunton medal, a brand new Holden sedan, a trip to Europe, several hundred dollars in cash and various items for his personal wardrobe. He topped these off by being selected as the best player for 1968 for his own Club, Richmond.

In addition he has been selected to join the Galahs - the International Australian Rules team which departs on 13th October to play matches in England, Ireland, the United States and possibly Malaysia and Rumania. The team will travel to Europe via Singapore, Rome and Paris and return home via Honolulu.

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Notice: It was heartening to see that the Labs entered four players in the recent A.P.I. Inter-Divisional squash championship. We hope to arrange a competition amongst ourselves in the near future so if you are interested in participating Conroy 7904 would be pleased to hear from you.

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CLASSIFIEDS

DEADLINE - NEXT ISSUE - 14th OCT

CONTACT THE EDITOR 7904

WANTED TO SELL

Puppies, Airdale Terriers (2 dogs, 1 bitch), parents Australian Champions, good with children.

R. Harvey 7924T

Tyres, 3 off, 16x525, 4 ply, (almost brand new) will sell separately if required.

"L" series, Vauxhall parts, enquiries welcome.

G. Asbury 7978W

Scooter, pneumatic tyres, large size \$15.00 O.N.O.

Mrs. Connolly 7904A

Pack Rack to suit Station Waggon. Strong construction 4 gutter supports. (used twice) best offer.

A.B. Conroy 7904A

WANTED TO BUY

Bicycle, Boys 26"

Mrs. Connolly 7904A

Students Desk, preferably with drawers.

A.B. Conroy 7904A

BIRTHS

Solid State and Quantum Electronics to Mr. and Mrs Wally Berryman, a son - Roger Mark.

Administration Section to Tom and Peg Broughton, first grandchild Beverly Jane.

Switching Group to Mr. and Mrs. Neil Chandler, a daughter - Samantha.

East-West Project to Mr. and Mrs Malcolm Willis, a daughter - Kim Berree.

ENGAGEMENTS

Voice/Ear Team - Sue Crowley to Mr. Bernard Weber - big day planned for 1st February 1969.

Main Library Iiga Auptmanis to Mr. Barry Petrie.

East-West Project Ron Cichon to Miss Jacqueline Petrie from Edinburgh, Scotland. Wedding date set for March 1969.

Model Shop Barry Hawkins to Miss Sandra Newburn.

MARRIAGES

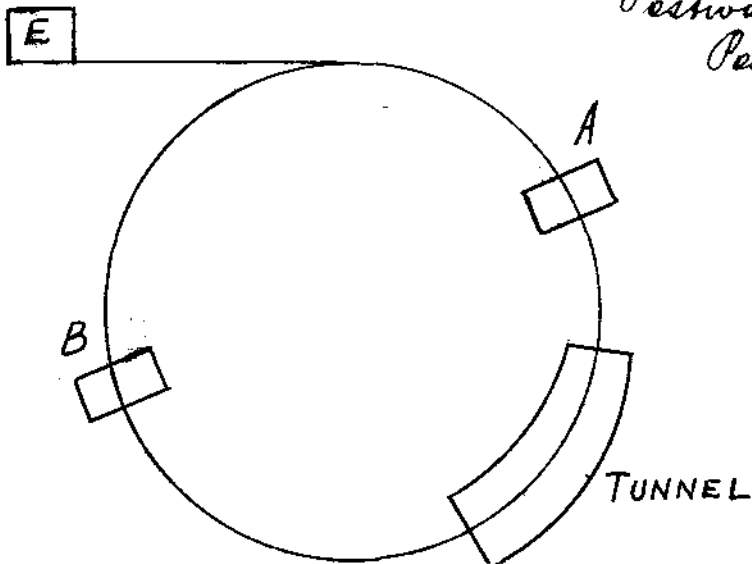
Model Shop David Clerke to Vicki Price.

WANTED PEN FRIENDS

John Limb currently with Bell Telephone Labs was visited by Gavan Rosman during recent overseas visit. John is starved for news from Australia. His address is

Dr. J.O. LIMB
Bell Telephone Labs.
HOLMDEL
New Jersey 07733
U.S.A.

*Pestwork
Peers !!!*



1. The drawing above represents a single railway line with a set of points at the intersection.

E represents a railroad engine on the siding
A + B represent carriages

PROBLEM: By various methods of shunting to exchange the positions of carriages A + B and return the engine to its position on the siding.

Carriages may be connected to the front or rear of the engine as desired. However the low clearance in the tunnel allows access to the engine only.

(Submitted by Alva Allen, Doug Wilson, Kevin French 7964A)

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2. Four married couples were at a theatre party together, and during the after-theatre supper Edie smoked one cigarette, Kath two, Belle three, and Ruth four.

Donald McAlpin smoked the same number as his wife, Pat Kelly twice as much as his wife, William James three times as much as his wife, and Peter Perry four times as much as his wife. Thirty-two cigarettes were smoked during supper.

What is Belle's surname?

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3. In a certain country town there must be a dearth of eligible young ladies, for each of five men there has married the widowed mother of one of the others. Watson's stepson, Nelson, is the stepfather of Nelson. Watson's mother is a friend of Mrs. Bryson, whose husband's mother is a cousin of Mrs. Nelson.

What is the name of Hudson's stepson?

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