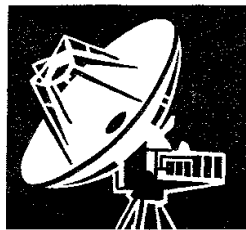


# RESEARCH LAB REPORTER



PRODUCED BY RESEARCH LABORATORIES, 59 LITTLE COLLINS STREET, MELBOURNE

"RESEARCH LAB REPORTER"

"If people take no care for the future, they will soon have to sorrow for the present." ---- so goes an old Chinese proverb.

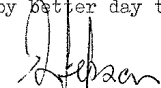
Mankind's future happiness, and perhaps his very survival is dependent upon the foundations we lay to-day.

We are apt to forget that forms of communications (apart from the one in which we are engaged) exist in the community. One of these, is the communication of words. When one views a dictionary, and considers, that the combination of words therein, when combined and used by people can cause love, hate, war, indecision, doubt, guilt, confusion, etc., it is apparent that our efficiency in using and understanding these words in reading, speaking and writing is important. The science of language and human understanding is, by comparison with other scientific standards, very retarded.

When communicating with others, we should transform our thoughts and ideas into a method or form that is completely comprehensible to them. Memos and instructions which leave some of the essential information still in the writer's mind can either be misunderstood or ignored.

A curtailment in the development of the physical sciences, and more effort and attention to the science of humanity, may be more rewarding towards the happiness and contentment of the human race. It may well be, that our eventual survival will depend on our success in this direction. By better understanding of each other, we can perhaps make our existence worthwhile.

We can help in this direction by better day to day use of the science of language.

  
(R. Jepson)

Senior Technical Officer, Grade 2  
Laboratory Equipment Division



\* \* \* \* \*

# Personal Glimpses

Judith Eltham, Library Officer, Planning Branch

Judy has occupied the position of library officer, outposted to Planning Branch, for the past twelve months. (There are three Judiths in the library organisation, hence she is known as Judy.) Early in her Departmental career Judy was with the Repatriation Department as a library officer when her love for the Ballet proved too strong. She achieved suitable reward for her many years of practice when she departed our shores to accept a part with Sadler's Wells in London. It just goes to show how much there is in librarianship when a girl can return happily to it after several years of exciting experience on the stage.

Terry Dillon, Sub-Sectional Clerk, Switching Group

Terence William Dillon, renowned for his sartorial elegance, began his Departmental career as a clerk in the Research Library in January 1963. In his four and a half years in the Labs. he has acquired a wealth of experience for one so young. From the Library he moved into the staff area and then to the position of Assets Clerk in the Procurement Group. He is one of the few who can claim to have occupied every position of sub-sectional clerk in the Laboratories and since March he has been in charge of the clerical activities of the Switching Sub-Section under Harry Wragge.

Terry received his most important provisional promotion (from the Bachelors Organisation) last November and confirmation will be conferred this coming December when he enters into the Holy Bonds of Matrimony with Jan Field.

# Did You Know! <sup>C</sup>

A series of tests, to gauge the reaction of Australian telephone users to telephone tones used by overseas administrations, were conducted recently by members of Eric Koop's Telephone Standards team. It is hoped that the results of these tests will provide valuable information for the C.C.I.T.T. in its endeavour to develop "ringing" and busy tones which would be internationally recognisable for STD subscribers.

Thirty-two candidates, twelve of whom were from the Laboratories, were selected at random from various levels throughout the Department to take part in these experiments which took the following form.

A pre-recorded tape containing seventy-two telephone tones used by various countries was played to each group of people through individual handsets. Each candidate was required to "score" on an appropriate card by identifying the tones as either "ringing" or "busy" signals.

\* \* \* \* \*

The latest trend in window shopping can be seen in our Model Shop, thanks to the ingenuity of Peter Ferris and Paul Battlay who jointly developed this time saving method of "visual ordering". It is expected to prove a great acquisition for members of design teams and "the not quite sure what I want" man. Now, by scanning the newly installed display boards of components available from the Material Store, they are able to select the items required.

\* \* \* \* \*

Almost daily for the last few weeks there has been a large fire burning in the grounds of that well known establishment on the east side of Block A which is causing a considerable amount of smoke to enter our premises. Our private sleuths are wondering whether the fire is being used to get rid of old members or an attempt is being made to take over our property by smoking us out.

# A GALAXY OF GOSSIP

For this occasion we have even scooped the daily papers. Congratulations and every happiness to popular Kaye Jones who announced her engagement to Colin McKenner on the 12th August.

Alva Allen has been making the sparks fly during the past few weeks. It's got that way that any of the staff wishing to try their luck in Tatts Sweeps check first to ensure that

Alva has not invested in their particular consultation. Not the least discouraged, by being one off the first prize, Alva accepted his \$50 consolation prize and free tickets for another draw. The next draw netted him two more prizes of \$20.00 each. On 2nd August Alva won 4th prize of \$2,000.00 plus more free tickets - (to be continued next issue).

Barry Woolcock - Transmission Lines. Congratulations to Barry and Maureen on the arrival of their first babe, daughter Karen Lisa. Barry's many Departmental friends ensured that the usual "head-wetting" was capably carried out.

Wedding Bells - Ed Fall - Path Evaluation. Every good wish to Ed and Jennifer whose wedding was just too late for the last issue. Ed was farewelled from the bachelor ranks in traditional style at a nearby establishment. From now on, however, leave passes will be at a minimum.

Have you seen the latest effort by the "Kaleidoscope Kid"? Heather Bentley of the Laboratory Equipment Division is again sporting a new colour hair style. And we thought there were no new possible combinations left to try.

Cupid has again been busy during the last few months. Congratulations and good luck are in order for Russell Anderson of the Model Shop and Brenda Rogers of Bacchus Marsh. Also to John Zigmantas from Laboratory Equipment who has decided that a single man's existence is unsatisfactory. Unfortunately his young lady's name is unknown to us.

Brian Brimmell, acting Technical Officer, Grade 1, has passed his final exams at the Caulfield Technical College and has obtained a Diploma of Electrical Engineering. Congratulations Brian.

Tony Stevens, Engineer Class 1, has taken up residence in his new home at Glen Waverley to finish off the bits and pieces in preparation for his forthcoming marriage.

Alan Fowler became a proud dad for the third time when Mrs. Fowler presented him with a daughter early this month -

present tally two girls and one boy. The usual calm Alan when asked the weight of his new daughter replied "8 st. 12 lbs." - Congratulations Bragger!

Best wishes for some undisturbed nights also to Mike Hunter whose wife is about to arrive home with their first addition, Martin John.

# Your Move

Among our many new faces in the Labs. is Harry Broughton, an instrument maker, all the way from England. Prior to coming to Australia, Harry was employed by the old established instrument making firm of H. Tinsley and Co. where he worked for 24 years, 11 months and 28 days - missing out on his gold watch by three days. Welcome to the team Harry. We hope you and your family are settling in comfortably in Geelong.

A hearty welcome is also extended to all those who have jointed our ranks since the last issue of The Reporter, amongst whom are Bob Lalor (ex-Queensland) and Jim Lucas both attached to the East-West project, Dave Snowden, Engineer Class 2, Radio Systems, from New South Wales, Bernadette Deylen, Typing Pool, Elaine Cameron, J.P.O., Block A, Dino Giordani (part time from the University) with Radio Equipment, Alan Johnson and John Kalisz second year apprentices (Model Shop), and Jim Estorninho a new member of the Voice/Ear team.

The ranks of Block A were sadly depleted when Julie DiMuzio and Mary Dwyer were farewelled to take up duty as clerks in the Lines and Radio Sections respectively. Their promotions cause a wholesale reshuffle of Labs. typing and stenographic group. Kaye Jones is now chief guardian of the portals of Svend Dossing's office, Maree Zara is in charge of the St. Trinian's

squad in the typing pool and Mrs. Brandt has taken up occupancy of Watkins Building.

Ken Young of the Physical Sciences Group was farewelled on the 12th July at a special and most unusual symposium conducted under the joint leadership of Principal Officers, Dick Slade and Gerry Flatau. Several varied and interesting topics were discussed which included "The dangers of alighting from a swiftly moving vehicle", "The Pitfalls of the Golfer" and "The Embarrassment of an Untidy Woodpile".

We all wish Ken every success on his promotion to the Victorian Administration and welcome his successor Dave Waller who, prior to his transfer, was 2nd in charge of the Engineering Registry at Parkade.

Ron Zmood, Pulse Techniques Division, has been granted a Fellowship by the College of Engineering, University of Michigan. He leaves us this month, accompanied by his wife, and hopes to extend his overseas stay to three years. Ron plans to study the "Program in Information and Control Engineering" towards a Doctorate of Philosophy.



Sports

&



Squash

Hobbies

Having any troubles obtaining supplies on requisitions S.6? If so, you can blame Mel Ward, Allan Carter, Geoff Adam, John Limb and Noel Wolstencroft. These athletic types carried off the trophy in the Squash Racquets inter-Divisional competition recently. How tactless can you be! They defeated Supply Branch in the final 4-0. Congratulations fellas for going through the comp. undefeated.



## Golf

A most enjoyable day's golf was spent on the Waverley Public Course when Frank Arter, Charlie Bates, Tom Broughton, Frank Wion, Ted Hulley, Roger Smith and Greg Crew competed against members of the Telephone Exchange Equipment Section. It has not been possible to ascertain the full details of the day's play but there is a strong rumour that next time Greg Crew issues a challenge, the Lab. candidates will insist he plays for the opposing team. Incidentally there may be a well known identity missing from the next competition - his driving cannot be faulted but he spent too long appreciating the mountain view. (SEE PAGE 12 FOR SPECIAL GOLF BULLETIN.)

## Fencing

It is said that Boyd Rayment from Microwaves Division is a difficult person to foil. He has recently returned from a visit to Sydney as team manager to some junior exponents of the epee.

## Horse Riding

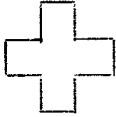
Carol Bird, of 59's typing pool, has given up all thought of participating in equestrienne events for some time. Remaining in the saddle is almost as difficult as endeavouring to type whilst standing. Those shetland ponies at Marysville can be very stubborn at times.

## Acrobatics

One bearded professional type from Watkins may be secretly in training for the Mexico City Games. He was reported to have performed a perfect backward one and a half when a tilted chair suddenly snapped. It is believed that boxers take dives but it was thought that our types were more conservative. For those present, however, it provided a Goode spectacle.

## Chess

After a month's effort against about five different opponents Ash Conroy is no closer to winning a game of chess, despite all the coaching from the side lines. Would anyone wishing to learn please contact Ash for a game. (Qualifications required - definitely no previous experience.)



## Hospital Corner



Fortunately for Arthur Thies his medical practitioner is also interested in the methods of modulation. Arthur was ordered to rest for several weeks to overcome the effects of a stomach ulcer. During his absence the Transmission ship was kept on an even keel and a steady course by "Jolly" Roger Smith.

It's good to hear Mac Apsey's voice around the traps again after his absence of convalescence.

Also on the sick list but well on the way to recovery is Arthur Chapman from the Physical Sciences Group. Arthur paid us a visit recently and we hope to see him back in harness in the very near future.

Richard Kruger, transferred from South Australia for the East-West project, had the misfortune of injuring his back whilst lifting equipment at Ivy Tanks. After a plane trip to Ceduna for X-rays and medical treatment we are happy to report that Richard is now back on the job.

Jim Richardson is still somewhat subdued after his unfortunate car accident. Jim literally looked through his wind-screen and taking everything into consideration he can thank his lucky stars (many of which he saw at the time of the mishap).

Postwork

Pozers

Try Your Hand at These

You have a sealed box with two terminals mounted on it. You wish to know its contents, or at least arrive at an equivalent circuit. Being a scientific sort of cove, you attack the problem with some thought rather than a tin opener. You connect the box in series with a 100 volt battery and a 100 ohm resistor and measure the current which flows with an Avo :  $1/2$  Amp. The voltage drop across each of the box and the resistor is 50 volts. "This is easy", you say, but just to make sure you check the power dissipated in each of the devices : 50 watts in the resistor and zero! watts in the box. What is in it?

Helpful(?) Hint. It may be that, in this practical world, you do measure a small but finite power dissipated in the box.

To those old hands who say "What! this one again!" we may have one for YOU next time.

(With thanks? to Roger Smith)

\* \* \* \* \*

A man in possession of an 8-gallon cask of wine desires to divide it into two equal portions, but has only a 5-gallon measure and a 3-gallon measure. How does he do it?

(Solution available from Editor, if required.)

IMPORTANT ANNOUNCEMENT

# SWOP SHOP

It's remarkable how many people clutter up the spare room, garage, etc., with various odds and ends for which they have no further use, for example, phonograph records no longer in the top 40, that bicycle with one wheel missing or perhaps an old but workable camera. Have you thought of swapping or selling such bric-a-brac?

In future issues a limited space will be devoted in the Reporter to those who wish to take the opportunity to swop, sell or buy a particular item from fellow members of the Labs. A short note to the Editor giving the necessary details is all that is needed. The success of this venture rests with YOU.

GOLF DAY

SATURDAY, 30TH SEPTEMBER, 1967

ENTRIES CLOSE

FRIDAY, 25TH AUGUST, 1967

LOCATION TO BE DECIDED BY YOUR PREFERENCE

Brian Lafferty will book the 1st Tee from 8.00 a.m.

Green fees (approx. 80 cents per player) will be collected on pay day 27th September, 1967.

Clubs and buggies will be available for hire.

Tees, balls, etc., can be purchased at the Course.

All details of starting times, selected groups, directions, etc., will be circulated during the week commencing 25th September, 1967.

Let's get together and make this a better day, if possible, than the previous ones.

Intending players are asked to complete the form below and return it to Brian.

-----  
Brian Lafferty,  
Block A, 59 Little Collins Street.

Telephone: 630.7908

\*<sup>I</sup><sub>We</sub> wish to be included in a group.

Ivanhoe

\*Rosanna Golf Course is preferred.

Olinda

(\* delete as required)

NOTE: (a) Four players comprise a group.  
(b) In the case of a group entry only one form should be submitted.