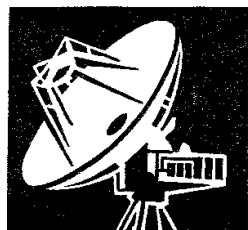


RESEARCH LAB REPORTER



PRODUCED BY RESEARCH LABORATORIES, 59 LITTLE COLLINS STREET, MELBOURNE

"RESEARCH LAB. REPORTER"FACTS & FIGURES - ANNUAL BALL

As the Laboratories Annual Ball is to be held on the 29th of this month, this seems to be an appropriate time to acquaint you with statistics since its inception in 1968. As you are aware this function is not subsidised and yet when the norm for a Ball of this kind is \$12 per double (BYO) without prizes, our function is only \$9 per double with \$100 worth of prizes.

This year, the function will operate at a considerable loss as catering costs have increased by 11% and costs of prizes (though wholesale) by 15% - 30%. However, back in 1969 the Ball Committee gratefully received a transfer of \$50 from the "Jepson Christmas Committee" and a further \$150 from the proceeds of raffles in 1971 and 1972 which will assist in defraying costs.

The following details are shown hereunder for your information. The Ball Committee hopes that you enjoy yourself this year as you have in the past. This fact has been proven by the multitude still departing at about 2.30a.m.

<u>YEAR</u>	<u>ATTENDANCE</u>	<u>RECEIPTS</u>	<u>EXPENDITURE</u>	<u>PROFIT</u> or <u>LOSS</u>
1968	189	\$1151.46	\$1144.15	+\$ 7.31
1969	314	\$1621.82	\$1610.73	+\$11.09
1970	377	\$2066.77	\$2044.71	+\$22.06
1971	402	\$2277.27	\$2278.80	-\$ 1.53
1972	412	\$2449.09	\$2446.39	+\$ 2.70

It is worthwhile recording that following the gallup poll conducted since the last issue only TWO persons voted to change the venue.

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ASSIGNMENTS

OVERSEAS.

Rollo Brett after missing out on spending the New Year break at the seaside with his family suffered a similar fate at Easter. Rollo departed on Easter Sunday to attend the second meeting of the Provisional Management Committee of the International Electrotechnical Commission Quality Assessment System for Electronic Components. This was the follow up to the inaugural meeting of this Committee early in January.

The background to the establishment of this Committee is that for some years a number of European countries have been working to establish a regional quality assurance scheme for electronic components. The present indications are that if the proposed scheme is established it would be restricted to the European countries and mean that the European markets will be all but closed to countries outside Europe. The situation has been of great concern in the U.S.A. to the extent that at the 1970 General Meeting of the I.E.C. the United States proposed that the international body should set up an international system of quality assurance that would be in harmony with the European scheme and would give every country access to the world markets, provided they comply with the quality assurance requirements.

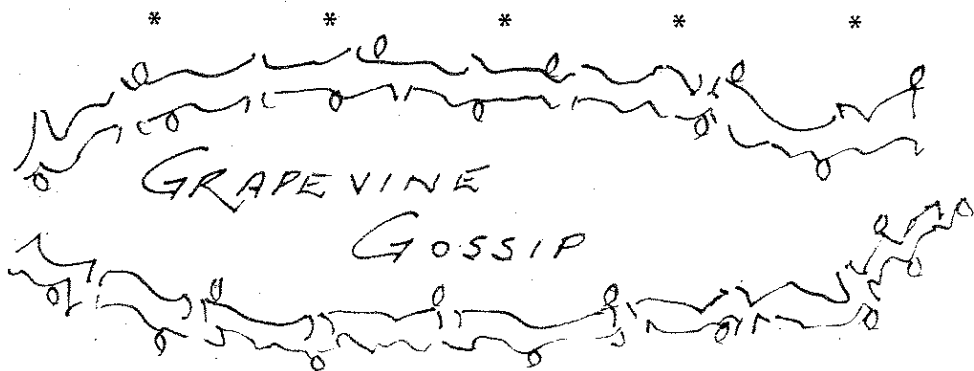
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Roger Smith, Line and Data Systems has now returned from his visit to various Administrations and Organisations in the United Kingdom, Sweden and Japan in order to investigate developments in the field of medium and high capacity long distance digital transmission systems. His visit included, in particular, the study of methods of signal coding and multiplexing, which are applicable to all types of bearer (cable, radio, etc.) and also the use of lines or cables for digital transmission. Special techniques are appropriate for placing such signals on radio bearers, but these latter were not the subject of his visit.

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Gerry Flatau, Physics and Polymer, proceeded overseas on 8th June to visit the United Kingdom and Germany. The main purpose of Gerry's visit is to represent Australia at a meeting of Technical Committee 50 (Environmental Testing) of the International Electrotechnical Commission in Munich during the period 18th-30th June.

Whilst overseas it is proposed that Gerry takes the opportunity to visit some organisations whose work is closely related to major investigations being pursued in the Physics and Polymer area. Accordingly visits to the British Post Office Standards Telecommunication Laboratories and the F.T.Z. of the German Bundespost have been included in his itinerary.



The 1972 Apprenticeship Awards were made known last month at a special function conducted in the cafeteria at the Postal Workshops, South Melbourne. Our congratulations to the following:-

MACHINE SHOP - Best 3rd Year Apprentice

* GARY NICOL *

IRON SHOP - Best 3rd Year Apprentice

* RODNEY NICOL *

Apprenticeship Commission Special Honourable Mention
for Craftsmanship (Fitting and Turning)

* PHILIP CULLING *

In addition, Deeds of Apprenticeship were presented to:-

<u>Brian Halpin</u>	-	Fitter & Turner
<u>Peter McMullen</u>	-	Fitter & Turner
<u>Dick Westhead</u>	-	Structural Steel Tradesman

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Congratulations to Stan Davies, Guided Media whose thesis has been accepted for the degree of Ph.D. by the University of Sheffield. The degree was conferred in absentia on 4th May. A very nice thought of Stan's was his "Note of Thanks" which he circulated to those in the Laboratories who assisted him in his studies in various ways.

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A new face in Block A is Alan Mitchell from Line and Data Systems. Alan has taken up duty in the S.T.O.1 position in the Information Group and has about 12 months work already waiting on his plate.

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A big "get well" to Geoff Willis, Time and Frequency Standards who has succumbed, temporarily, to the present day pressure with a nasty ulcer.

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After three years of continual gamesmanship the first contest in the series of the oldtimers Squash Championship took place late last month. "Shady" Scates (172.72cms, 65.77kg) versus "Clumpy" Conroy (147.32cms, 88.00kg). At the bell Scates had gone to a slight lead, the scores 5-9, 8-10, 9-1, 9-6, 9-7, 1-4 (unfinished) Conroy has sought for extra time before the next match to shed himself of a few kg.

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The Continuing Saga of Staff Driver Bates

SYNOPSIS: SDB has been having some navigational problems and it has become necessary to supply him with xerox copies of the appropriate pages of the street directory. Now read on.

Armed with the necessary xerox copy, SDB arrived on time at the residence of an Overseas Traveller to transport him to the airport. However, it is sadly recorded that, having restored the xerox copy to his pocket, he took three incorrect turns before reaching the main road again.

The scene shifts to the arrival area at Tullamarine about one month later. Our OT, somewhat tired following a long flight, struggled from the Customs area through the cheering multitude and espied SDB on the fringe of the throng. Thank goodness someone gave him a map, he thought. "Wait here", said SDB, "I'll bring the car over". Several minutes later, becoming alarmed at the passage of time, our OT prised his tired lids apart to observe the familiar grey Belmont in the near distance with its bonnet pointing to the sky and only the rear portion of SDB in sight. Clutching his luggage and assorted loot, OT crossed to the car. "It's just gone dead", said SDB. Fortunately our OT was an engineer who possessed some ability in situations of this kind (a rare specimen!) and had the engine running sweetly again in a fraction less than 10 seconds.

6.

It might be thought that this would be the end of the day's difficulties, but no, SDB got lost again on the way to OT's home. It is not recorded how he fared after depositing our OT with his family again but fears are held for his present whereabouts.

Has anybody seen SDB or a light grey Holden Belmont registration ZPR 934, lately?

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Things are really moving in the Physical Sciences area. Gerry Flatau overseas, Dick Slade on furlough enjoying the northern sunshine, Ken Mottram very proud of the fact that his daughter is now a Queen's Scout, Joe Der making the necessary preparations to take his daughter on a visit to Hungary next month, and Jim Lloyd availing himself of 12 months LWOP. Also a sad loss is the resignation of Axel Bauer. Axel was farewelled at the Manor House by his many friends on 18.5.73. We're all promised free rides on any of the Moreland Bus Co. vehicles as Axel has taken over the position of Manager.

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There were quite a few happy reunions recently when John Limb paid the Labs a short visit. John is now the Head of the Department of Visual Communications of Electronic and Computer Systems, in the Research Laboratories in the Communications Sciences Division of the Bell Telephone Co., U.S.A.

The purpose of his visit was to discuss, with Gavan Rosman's group, topics of mutual interest to both organisations. He conducted, also, a seminar on the work at the Bell Telephone Labs.

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When one is looking for news it is certain that a variety of action is occurring in the Laboratory Instrumentation area. "Sherlock" Jepson is still carrying out investigations to endeavour to locate the pilferer who is sneaking off with fish from the tank at Block 'S'. He is even taking ample supplies of water to transport the boodle. Perhaps the lock now fitted to the tank may stop the thefts.

Ray Proudlock is not walking around in a trance! We found out the reason for his transformation. He spent the Queen's Birthday long week-end at the Film Festival - from Friday evening and 10a.m.-11p.m. Saturday, Sunday and Monday. Some have the feeling he is a film crank.

Teri Grattidge the Abigail of the Section has at last moved into his and hers new home at Ferntree Gully and is bubbling with enthusiasm in fitting out the new abode.

Two on the sick list are now making rapid improvement. Peter Dalliston has returned after a hernia operation and has no excuses now for not pulling his weight. Kevin Bartlett, who gets more than his share of kicks each Saturday afternoon got just one too many recently and is now nursing a fractured hand. Not only Richmond Football Club will miss him; the Section reckon they are short staffed already in his particular busy area.

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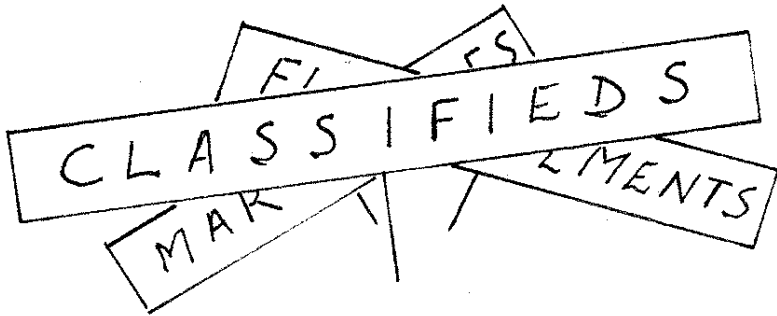
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A SPECIAL MESSAGE TO RETIRED
OFFICERS AND PRESENT SERVING
"OLD-TIMERS" OF THE LABS

We are still seeking anecdotes of amusing incidents for our Golden Jubilee issue in August. Therefore we ask for assistance from the many gentlemen of leisure who are on our mailing list and the multitude of serving regulars to provide us with some stories. Contributions may be forwarded any time up to 27th July, 1973 to :-

Ashley Conroy,
59 Little Collins Street,
MELBOURNE. Vic. 3000.

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WANTED TO SELL

Washing Machine, Hoover, twin tub, good working condition.
\$60.00.

Contact: Robert Page 7332C

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Kitchen Table, Octagonal, 4ft. diameter, antiqued top,
brown and gold. \$25.00 - O.N.O.

Contact: Ashley Conroy 7904A

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9.

WANTED TO BUY

Miscellaneous furniture - bed (3/4 size), lounge suite,
dining table, etc.

Contact: Dianne Forster 7614C

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TYPING FACILITIES AVAILABLE

Many will remember Sylvia Drummond (nee Hindmarsh) who was in the Block A Typing Pool until 1969. Sylvia left us after hubby Ian arrived back from his stint in Vietnam. Subsequently, great things have happened in the Drummond household. Ian has settled back into civilian life and last year they moved into the new home just in nice time for the arrival of Megan Jane. As we all well know these events are a big drain on one's resources and Sylvia is keen to hear from anyone who may require urgent typing for theses or such like. Her accuracy and presentation are well known.

She may be contacted by writing to 54 Warralong Avenue, Watsonia, 3087 or through the Editor, Ashley Controy (7904).

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BIRTHS

Ex Admin. Group to Adele and Neville Parsons
a daughter, Claire Elizabeth

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Computer Application and to Cheryl and Graham Jenkins
Techniques a son, Adam Wesley

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Radio Systems to Catherine and David Thompson
a son, Brett James.

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Block F (A.D.P.) to Carol and Graeme Monaghan
a daughter, Kathleen Georgina

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Environmental Physics to Robyn and Bob Western
a daughter, Sara Jane

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Procurement Group to Sharon and Denis Page
a daughter, Michelle Louise

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Welcome to :-

Elizabeth Marrs	-	Library Officer
Carmel Amott	-	Asst. Gr.1, Library
Maynard Taylor	-	Fitter and Turner
Kerrie Jones	-	Asst. Gr.1
Ronald Lewer	-	Asst. Gr.1
Gail Mitchell	-	Asst. Gr.1
Geoffrey Stone	-	Engineer Class 1
James Blight	-	T.O. Gr.1
Lucy Cucinelli	-	Steno-Secretary
Kuppuswamy Ramakrishnan	-	Engineer Class 1
Francis Li	-	Process Worker
Graham Leary	-	Senior Research Officer
Phillip Lamb	-	Asst. Gr.1
Janet Barber	-	Asst. Gr.1
John Liddell	-	Asst. Gr.1

Farewell to :-

Robin Blair - who has transferred to Radio Branch
as Engineer Class 3

Axel Bauer - who resigned last month to accept a
position of Service Manager with a
suburban omnibus company.

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? $x^2 + y^2 = ?$ $2.99 \approx 3$?

POSTWORK

V.939 ?

3.00MAS.

POSERS

18 1/2

1. There are 5 houses, each of a different colour and inhabited by men of different nationalities with different pets, drinks and cigarettes.
2. The Englishman lives in the red house.
3. The Spaniard owns a dog.
4. Coffee is drunk in the green house.
5. The Ukranian drinks tea.
6. The green house is immediately to the right (i.e. to your right) of the ivory house.
7. The Philip Morris smoker owns snails.
8. Alpines are smoked in the yellow house.
9. Milk is drunk in the middle house.

10. The Norwegian lives in the first house on the left.
11. The man who smokes Chesterfields lives in the house next to the man with the fox.
12. Alpines are smoked in the house next to the house where the horse is kept.
13. The Winfield smoker drinks orange juice.
14. The Japanese smokes Marlboro.
15. The Norwegian lives next to the blue house.

WHO DRINKS WATER?

WHO OWNS THE ZEBRA?

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2. Efficient Weighing

A bricklayer has 8 bricks. Seven of the bricks weigh the same amount and one is a little heavier than the others. If the man has a balance scale how can he find the heaviest brick in only two weighings?

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3. Number Classes

The numbers are divided into three groups as follows: 0, 3, 6, 8, 9,, in the first group, 1, 4, 7, 11, 14,, in the second group and 2, 5, 10, 12, 13,, in the third.

In which groups would 15, 16, and 17 be placed?

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