Colourful ceremonies

Conferring of degrees ceremonies held in the Great Hall on April 19 and 26 were colourful and memorable affairs for new graduates, their friends and their relatives.

In the words of the Vice-principal, Professor A.D. Tweedie (speaking on April 19): This is a happy event in the life of the University in its joyful acknowledgement of the academic achievements of those of its members who are admitted to its company of graduates. "The friends and relatives of the graduates who have joined us will rightfully share our pride in these achievements."

The Governor-General, Sir Zelman Cowen, and Emeritus Professor Manning Clark, the historian, were recipients of honorary degrees of the University during the ceremonies.

At the first congregation of new graduates on April 19 degrees were conferred in the Faculties of Architecture, Mathematics, Science and Medicine. Professor Tweedie delivered the Occasional Address. Later in the morning, degrees in the Faculties of Economics and Commerce, Education and Engineering were conferred. The Occasional Address here was given by Professor Clark.

On April 26 degrees were conferred on candidates in the Faculty of Arts and the Occasional Address was given by the Governor-General. Presenting Professor Clark to the Chancellor for admission to the honorary degree of Doctor of Letters, the Dean of the Faculty of Arts (Professor Godfrey Tanner) pointed out that it was a rare privilege to present a scholar of international repute whose fame as prophet and patriot stood on the same level as his eminence in the writing of the history of his native land.

Professor Tweedie noted the fact that his personal experience of Newcastle graduation ceremonies numbered 30 and more. While he might not recall the words of past occasional addresses, he did vividly remember a host of students who came forward as graduates on these occasions and who, in reaching that status, enriched his life. He had reason to believe that the graduates were grateful to their friends and relatives for their support and encouragement. He assured the graduates that this support has been willingly, eagerly and lovingly given and the success of their endeavours was more than ample reward.

Professor Tweedie stated that for some of the graduates in the hall the ceremony marked the end of the "salad days" of a full and, he hoped, heady undergraduate life. "For others it marks the successful conclusion of a long and, at times, tedious programme of part-time study, sandwiched between a host of work and family commitments.
"For some it is a final stage in a straight-forward progress through scholarship, which spans 15, or more, years since early childhood."

"For others it will be the successful outcome of a willingness to seize a 'second' chance, with earlier circumstances withheld."

He expressed the hope that, whichever route was followed, the graduates attended the ceremony to be a satisfying and imposing milestone - more so than one of something of an anti-climax after three years of deavour, which spans 1S t to be a satisfying and imposing what we could do with Australia. distinguished scholars and what life was all about and Newcastle has chosen various
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Professor Manning Clark had words of warning for the accountants economists, educationists and engineers graduating at the late ceremony on April 19. He accepted that the graduates could about what happened to humanity and they hoped to contribute to "the conversation of humanity", of what we could do with Australia.

"What worries me at the moment is the danger that this debate is being ended by people who do not want us to go on discussing it. We are in terrible danger of a great con-

Professor Clark said.

"Now we are confronted with a terrible danger - a tyranny of opinion, of one opinion and one only being tolerated. The 'snows of silence' are falling after those magnificent years with all the excitement."

He told the graduates:

"It is up to us to remind human-

ity of the fruits of human wisdom and people need courage to tell others what the real issues are.

It is our trust to create a society with freedom of opinion, without servility, without mediocrity and without that ghastly tyranny of opinion. Here, we can create a land in which all human beings can fulfill themselves"

Professor Clark saw universities, for a time, as an ex-

cellent fight for over a run of things in Australia. They would have to be guardians.

"In so far as some people do not want to talk about what may happen, then universities will have to take on the great task of reminding all those who seek education that human beings can still find heaven. Univer-

sities have to take on this task to preserve something precious to the greatness of the Enlightenment."

Speaking to the graduates, Professor Clark said to graduates from a university of believers, of men and women who

hold a great faith, who believe in the human wisdom, men and women who believe that workers in the Humanities have something to say and to contribute, along with engineers, economists and educationists.

"I say to you, graduates, while you are still young, one day you will recognise just how lucky you were in a university which taught you not just how to build bridges or how to do a blackboard summary or of how to practice the skills of the bookkeeper, but gave you your first lesson in human wis-

dom."

"Above all, long life in the land you love," he said in conclusion.

The Governor-General flew from Canberra on April 26 to receive the honorary degree of Doctor of the University. was the first time he had received a degree with that title, he said.

In the words of the Vice-Chancellor he told His Excellency for the honorary degree: "In its relatively short life, the University of Newcastle has the variety of distinguished scholars and citizens to be recipients of its honorary degrees and has in turn itself been honoured by their acceptance. Without doubt, to-

day is exceptional amongst these occasions, and it is with the greatest of pleasure I present to you His Excellency Sir Zelman Cowen, Governor-General of Australia."

"Mr. Chancellor, to describe even a fraction of His Excellency's achievements and active interests in cultural and public affairs during his academic years would take a very long time."

"Chancellor described Sir Zelman as a "great Au-

stralian and a great university man".

The Governor-General noted that he had come to the University, and to the immediate community it served, on a number and variety of occasions over the years. But he particularly remembered coming from Armidale in 1968 to give a university lecture on the theme of organ and human tissue transplants.

He mentioned that soon after he came to the Australian Law Re-

form Commission as a part-time member, the Commission under-
took work on Human Tissue Transplants which it brought to a conclusion with a substantial and comprehensive report on some of the issues involved in tissue transplants.

"The report has borne fruit", he said, "in that it has been adopted as law in the Australian Capital Ter-

itory, is accepted in Queens-

land with some modifications, and is under consideration else-

where".

His Excellency saw the pressures for change, which included legal qualifications in Science and technology, in par-


cular, presented many challeng-

es to the law developed in earlier times.

"This may be of particular concern - in a university set within a community which has a strong technical and industrial base, and which itself is growing a range of scientific, technol-

ogical, social science and humane study", he said, "and current work on 'test tube babies' adds a new dimension."

There were also important issues in the pharmaceutical field. The question posed by the thalidomide case, for ex-

ample, was whether it was approprating to fo to provide a central compensation fund for per-
sions injured by drugs, and if by drugs, what then about other kinds of maladies, such issues in crowded, dangerous, and often quite lethal world.

The Governor-General also had a word about the awesome power which a technology created for social and legal regulation in such an area as privacy. Most of the current problems, he said, arose out of technological development: first out of a technology which produced the mass of "information" and which can do it with ever increasing speed.

"I think it is important that citizens should be better informed, and, consequently, more concerned about such issues, so that, among other things, the climate for law re-

form should be a better one, and which can guide a more live-

community interest."

"I am pleased to see the development of courses of leg-

al studies in universities and colleges and schools as a gen-

eral study, not specifically directed to those who seek pro-

fessional qualifications in law and practice. It will allow for a broader understanding of legal processes, often a mys-

tery, even perhaps a monster, to citizens; it will, I hope, allow of an understanding of the values of law in the broad, which I think is important in a social setting in which, I fear, that the consensus finds itself under strain.

The Governor-General concluded by congratulating his "fellow graduates on what they have achieved through effort" and wished them well for the future.
Changes in the composition of the Council are incorporated in the University of Newcastle (Amendment Bill) Act, 1976, which was passed by State Parliament on April 2. These changes are expected to commence on July 1:

- The Deputy Chairmen of Senate become members, ex officio.
- The academic staff membership is varied from three to four members - two professors and two other than professors.
- The number of non-academic staff members is increased from one to two.
- The number of members elected by Convocation is increased from four to six, and
- the number of members elected by the other members is reduced from four to three.

Reduction of the number of members appointed by the Minister from six to five will commence no later than June 2, 1982. The biennial elections for the Council in May-June will be conducted in accordance with the University of Newcastle Bill 1976.

After the Council was told that the University Librarian was concerned about the problem of lost and unreturned books, the following new arrangements were approved:

- the borrower be required to meet the replacement cost of the book, or $5, whichever is the greater, and, in addition
- the borrower be required to pay a non-refundable handling charge of $15 per book, and
- moneys accumulated from these sources be made available to the Library in a way of a Special Purpose Account.

Council accepted a Finance and Personnel Committee recommendation to seek legal opinion on a number of aspects of the proposed Log of Claims for academic staff of the University. Newcastle Division of the University Academic Staff Association of New South Wales has submitted a proposed agreement to the Council and requested that both the University and the Association sign it in a formal manner.

Council nominated Professor Beverley Raphael, and Professor Carter for appointment to the New South Wales Institute of Psychiatry for a period of five years beginning on May 7. The New South Wales Institute of Psychiatry Act, 1964, was recently amended to provide the University with representation.

Council noted a letter from the Federal Minister for Education (The Hon. W. Fife, MHR) to the Australian Vice-Chancellors' Committee advising that the Federal Government believed that Universities should withdraw support for academic interchange between Australia and the Soviet Union. It would be inconsistent with the Government's policy for non-official Soviet/Australian exchanges, such as academic exchanges or visits to proceed, Mr. Fife said. Council was told that the AVCC had expressed its regret that the exchanges and visits might not proceed. Such links, the AVCC said, were an important aspect of international co-operation between universities. The Vice-Chancellor told the Council that the University did not possess a Department of Russian and had no formal programme of academic exchanges or visits with any institutions in the Soviet Union, although individual academics in other disciplines had a range of contacts with Russian scholars and periods of study leave in the Soviet Union. Council was told that the University's Staff Association had expressed its belief that any interference with academic links between Universities in Australia and the Soviet Union would be contrary to the spirit of free inquiry which was characteristic of Australian Universities.

Council has asked the Vice-Chancellor to a review of the present arrangements for the Graduation Ceremonies in response to suggestions on the matter from the Standing Committee of Convocation.

Council elected the Deputy Chairman of Senate, Professor M.P. Carter, as its delegate to the Seventh General Assembly of the International Association of Universities to be held in Manila, The Philippines, from August 29 to 30.

To: Friends, Colleagues and Students.

I’d like to thank my friends, colleagues and students for your friendship and support during my 13 years as student and staff member. I cannot hope to say goodbye to you all but I will do wish you well and hope to see you around the town. I’ll be working with the Health Commission.

Judy Galvin.
Graduation news

Overseas student Mr. Goh Chuen Jin received warm applause from friends at the Economics and Commerce/Education/Engineering conferring of degrees ceremony. Mr. Goh received his second University Medal for adding a Bachelor of Science degree to his Bachelor of Commerce in 1978. His achievement in earning a second University Medal is unique in the history of the University. Of the ten students who were awarded University medals this year three are B.E. graduates in Industrial Engineering. They are Goh, Mr. Lim Boon Chye, B. Com. and Mr. Hum Sin Hoon, B. Com. Each of them commenced his course at the University in 1975 and graduated with his first degree in 1978. The Engineering Faculty supplied the following information on their outstanding achievements in combined courses: they gained a total of 86 High Distinctions, 31 Distinctions, 12 Credits and no Passes.

Mr. Drago Robert Meze, aged 23, was congratulated for being the Faculty of Economics and Commerce's first University Medalist. After leaving Kotara High School in 1974 Mr. Meze enrolled in the Faculty as a Foundation student the next year and won the C.J. Chandler Prize. In 1976 he was awarded the Shell Prize and the Australian Society of Accountants' Prize. The Australian Institute of Management John Storey Memorial Award, the Corporate Affairs Commission's Prize and the Finance and Guaran tee Prize were taken by Mr. Meze in 1977. He was awarded the Australian Society of Accountants' Prize in 1978 and Tubemakers of Australia Limited's Prize last year. His achievements as an undergraduate included seven High Distinctions and six Distinctions. Resulting from the conferring of degrees ceremony Mr. Meze holds a Bachelor of Commerce degree with Honours Class I and the University Medal.

Admission of Mr. Christopher Byrnes to the degree of Bachelor of Science (Engineering - Naval Architecture) and Messrs Tweedle, Anthony Kuspickiich and Owyong Kail Meng to the degrees of Bachelor of Engineering (Naval Architecture) were "lasts" for the University as the Naval Architecture course has been phased out.

Morning tea was again served for students graduating in the Faculty of Economics and Commerce, their friends and relatives. The location was the Courtyard near the Mathematics Building and after refreshment was taken the graduands and academics from the Department, with a piper in the vanguard, processed to the Great Hall. Music was provided by Piper Mr. Karl Guthrie, a Faculty of Science student.

Women were not as conspicuous in the University Medals list this year as in some past years. Three of the four graduates who were awarded University Medals last year were women. This year Miss Karen Steains (Biology) was the solitary female University Medallist out of ten graduates who were awarded Medals. Miss Steains received the degree of Bachelor of Science with Honours Class I. Female student Miroslava (Mira), a teacher at Jesmond High School, is one of the Miadenovic sisters, whose parents immigrated to Australia from Yugoslavia and who each received degrees at the ceremonies. Mira's sister Radmila (Mila) Yates, B.A., a school counsellor, was awarded a degree of Bachelor of Educational Studies and her other sister Spomenka (Menka) Waddell, also a teacher, was admitted to a degree of Bachelor of Arts.

Staff members of the University who attended the ceremonies on April 26 included at least three whose children were admitted to degrees. Mr. Michael Ramsay, who received a Bachelor of Science degree with Honours, is the son of Professor Jake Ramsay, Assoc. Professor in Physics. Mr. Peter Pickering, who was awarded a Bachelor of Commerce degree with Honours, is one of the offspring of Professor W. Pickering, of the Department of Chemistry. Professor A. Tweedle's son, Alastair, gained Honours Class I in the Bachelor of Engineering (Naval Architecture) course.
Dr. Alastair Gillies, a New Zealander, was admitted to the degree of Doctor of Philosophy in the Faculty of Medicine entitling him to a place in the University's Hall of Fame as Medical Graduate No. 1. Dr. Gillies who began duty as Senior Lecturer in the Faculty on April 1, commenced his research for his doctorate at the University of Melbourne and transferred to this University in 1977.

COUNCIL

Council approved a new prize to be known as the Andrew Dahl Memorial Prize. Mr. Dahl, who died suddenly last March, was a member of the Sanskrit II Class of 1979. Members of that class expressed the wish to endow a prize as a memorial to Mr. Dahl. They provided the necessary funds.

PSA news

A decision in the case involving the application for salary increases for Technical Staff was handed down by Mr. Senior Conciliation Commissioner Wells on April 3, 1980, earlier than originally expected.

The decision was as follows:

CLASSIFICATION Increase p.a.
Lab. Asst. - Grade 1 $600
Grade 2 700
Tech. Officer all grades 800
Sen. Tech. Officers 900

This new award is to operate from the first pay period to commence on or after December 18, 1979.

It is expected that the above increases will be paid to employees on May 8, 1980.

In the case of the agreements between the University and the PSA with respect to the salaries of Gardening and Driving Staff, these agreements are currently awaiting approval by the NSW Industrial Commission under the Wage Indexation Guidelines.

A decision on the application for increases for Administrative and Clerical, Keyboard, and General Staff, which was heard by Mr. Conciliation Commissioner Shortall on March 24 and 25, 1980, will be handed down in Sydney on Friday May 2, at 10 am. It is thought that this decision was held up because of the full bench hearing of the appeal in the Equal Pay Case, which is set down for the week beginning May 5, 1980.

Historian's praise

When Professor Manning Clark came to the University to accept an honorary degree on April 19 he matched "words with deeds".

Addressing one of the graduation congregations he said: "You (of Newcastle University) have taken a portion of God's earth and managed to keep it a thing of beauty, in which nature and the creations of humans are blended in harmony". Professor Clark said that as he walked around the campus he saw something unique for Australian universities - trees, buildings and humans in a combination and a setting which did not confound bigness with achievements and beauty. "Anyone who walks around the grounds here," he asserted, "will be aware that you are committed to a great ideal and that the partnership between the Sciences and the Humanities is essential to the development of human wisdom".

A gift to the University from Professor Clark was announced by the Chancellor, Sir Bede Callaghan. The distinguished historian and literary figure presented a set of four personally-inscribed volumes of his A History of Australia. They have been placed in the Auchmuty Library.
Art exhibition

An Art Exhibition, Contrasts: Australian Landscape, will be displayed in the foyer of the Great Hall on Thursday, May 8, from 9 am to 4 pm, and on Friday, May 9 from 9 am to 12 noon. It is one of the six nightly arts exhibitions from the Australian National Gallery of New South Wales.

The exhibition of paintings, prints and drawings covers a period from the mid-1950's to the present. It includes works by Frederick McCubbin, Arthur Streeton, Sydney Long, Harold Casmeaux, Harley Griffiths, Margaret Preston, Sam Byrne, Grace Cossington Smith, Godfrey Miller, Douglas Pratt, Harry de Hartog, John Passmore, Elwyn Lynn, Artur Boyd, Jeffrey Smart, Wes Stacey and Jeff Rigby.

Mr. Cam Gray, Education Officer, will be in attendance to give information about the works on display and to answer any questions.

All staff and students are invited to not only view the exhibition but also to take advantage of the presence of Mr. Gray to more fully appreciate aspects of the various works.

For information about group talks please contact Malcolm Park, of Architecture.

Reason for Fireball

A scientific mystery almost 200 years old and a related puzzle of greater antiquity have been solved by Professor Colin Keay, of the Physics Department. His solution is presented in a major paper which has been accepted for publication in the International Journal of Science. Written while he was on a study program in North America, the paper was heard by certain observers of fireballs as well as by the first time the range of frequencies of the radiation involved, in transferring energy to the observer to create the anomalous sounds. With this discovery it became clear that the strange hissing sounds occasionally accompanying intense auroral displays were perceived in a different way.

Professor Keay argues that no other explanation for the phenomena can be offered. If so, the sounds at distances of more than 40 km as reported for some fireballs. He has developed a "magnetic spaghetti" model by which the enormous energy of turbulence in the fireball wake is converted into electromagnetic waves. Although this is the most speculative section of his paper, Professor Keay argues that no other mechanism of the many he has examined can provide the energy necessary to evoke the anomalous sounds at distances of more than 100 km, as reported for some fireball occurrences in the past.

The paper has been very warmly received by a Science referee, who wrote: "The article draws upon the astronomical, radar engineering, nuclear explosion, auroral, medical and physiological literatures to make a very plausible explanation of a phenomenon recognised for nearly two centuries but not understood heretofore. He also proposes a fairly simple program for further research. The paper must be regarded as outstanding.

Professor-elect

Professor J. A. Hooker, Professor-elect of Philosophy, who will take up the Chair of Philosophy at the University in September, 1980, will visit the University between May 1 and 10 for discussions with Philosophy staff and students.

Professor Hooker will give two lectures to which staff and students of the University are invited.

The first lecture, Science in the Modern World: Theories, Values and Judgments in Social Responsibility, will be given on Tuesday, May 6, in Room VI01 (Mathematics) at 12.30 p.m.

The second lecture, Philosophy and Theoretical Science: Philosophy as Foundations Research will be given on Friday, May 9, in Room VI01 (Mathematics) at 12.30 p.m.

Professor Hooker holds a Ph.D. in Physics from the University of Sydney and a Ph.D. in Philosophy from York University, Canada. He is at present Professor of Philosophy at the University of Western Ontario, Canada. His concern to relate the sciences and the humanities has led to teaching and research commitments in the foundations of physics, general philosophy, environmental science, medicine and public policy information.

Professor Hooker has also been a consultant on energy policy to Canadian governmental bodies, and is currently engaged on preparation of a three-volume report entitled The Human Context for Science and Technology for the Canadian Social Sciences and Humanities Research Council.

Professor Keay

A further paper, describing the fireball itself and its present orbital details, is due to appear in Nature.
Key SRC member retires

Behind every Students' Association President is an Administrative Secretary. Margaret Raszeja, Administrative Secretary for the SRC since 1970, has personally worked for 14 Presidents.

Margaret, who was often called Mrs. R. until students learnt to pronounce her Polish name, was farewelled at a luncheon on April 24. She resigned from the SRC last term to teach.

Margaret had ambivalent responses to the question: "Where are the Al Svirskises said, the 'happy' men who lobbied the University to provide such student services as the Health Service. Unfortunately, she said, the child care centre was outside the reach of most students because of the fees. For those interested, here is Margaret's list of SRC Presidents since 1970: Bradley Sims, Russell Schulz, Al Svirskis, Anne Kunn, Greg Giles, David Wallace, Greg Childers, Adrian Moe, Greg Wicks, Paul Drinkwater.

SPRING AWAKENING

Review by: D.H. Craig

The title of Frank Wedekind's Spring Awakening turns out to be an ironical one. The play moves through the gloomy, oppressive world of adolescence, and what light there might have been from joyousness of sensuality and freedom is harshly extinguished by adult authority.

It is a tribute to the serious, late night production of the Arts-Drama Theatre that the audience is gripped by the angst of this world through what is rather a good evening. Nor does the long agony of Moritz Stiefel, crushed between parents and school, between the force of awakening and the fear of it, seem anything but pitiful and inevitable. His echo of Christ's words, 'Let this cup pass from me', encapsulates the mixture of genuine suffering and deluded self-absorption in his situation. Leigh managed this part movingly well.

James Maybury as Moritz Gabor, the other principal boy, was gawkier and less introspective, a lighter side of his role. The translation used occasionally prompted some inadvertent - and disconcerting - comedy (Melchior's rather roundly asserts that the boy must learn 'to do what's right, not what's interesting'). The bold, split-level platforms of the set (suggesting a Wagnerian vastness of scale) made for delays while groups of actors went off and reassembled off-stage, the actors' outbursts of sobbing dissipated rather than intensified the emotional atmosphere.

No doubt, the audience, however, could ignore the play's power to invoke the dread spectres of sexuality and death, or the fierce intensity of his anguished pathos that was generated among the little knots of boys and girls on stage, grimly living through (for a frighteningly hasty) the happiest days of their lives.

Leo Walsh, Mick Barr, Max Spannangel and Greg Holding.

She plans to spend two and a half months overseas. Her travel agenda includes Poland, with which she has family connections, and the Oberammergau Passion Play. She intends to visit refugee camps in Thailand on her return trip in case, she says, she is required in the future as a voluntary camp worker.

Eventually, Margaret hopes it might be possible for her husband and her to sell their home at Lemon Tree Passage and move to the Huon Valley near Hobart, Tasmania, and live on a farm.

Mr. John Wlodarczy, Vice-President of the SRC, presented Mrs. Raszeja with a gift in recognition of her contribution to the SRC's activities.

Exciting campus

By their comments, the visit made to the University by 33 women from most parts of Australia on April 29 was a runaway success.

The women came to Newcastle with their husbands for a conference of proprietors and managers of Australian provincial daily newspapers.

Mrs. D. Tucker, who is associated with the Mercury, a local provincial daily, requested the University to arrange for the women to see the campus, as, she said, it was regarded as a "must" for visitors.

On their arrival by bus the Vice-Chancellor extended a welcome to the women. Staff of the Secretary's Division were guides for a walking tour and over tea and scones in the Staff House Dr. John Turner, of the Department of Community Programmes informed the women about the opening of the Hunter Valley to white settlers.

Resignations

Ms Deborah C. Keplick, Stenographer, Economics Department.

Mr. Bryan R. McEwan, Cartographic Draughtsman, Geography Department.

Mrs. Gaylene A. Hughes, Junior Office Assistant, Typography, Mathematics Faculty.

Mr. Graham L. Peck, Clerk, Accounts Department.

Mrs. L.M. Peou, Adult Library Assistant, Aachenity Library.

Mrs. Gaylene A. Hughes, Junior Office Assistant, Typography, Mathematics Faculty.

Mrs. L.M. Peou, Adult Library Assistant, Aachenity Library.
Advertisements

WANTED - TRANSPORT
(e.g. car, comby van etc.) Needed by staff-student group for return trip to Snowy Mountains last week of May vacation. Do you have a vehicle available for moderate hire? Please telephone Mike Connin Extension 319 or 358.

POSITIONS WANTED

BABYSITTING - £2 per hour. Experienced mature student for the above position. Please telephone 57 5461.

LONDON HOUSE TO LET
Three to four bedrooms, garden, central heating, near Piccadilly Line tube. Dates flexible. Autumn 1980 for 12 to 18 months. £70 per week. Please contact Dr. E. C. Purves, 113 Stanhope Gardens, London. N4 or telephone London: 01 802 1499.

FOR SALE

WELL-DRESSED DUCKS - Just done. Reared on grain and greens. Please telephone 51 4275 preferably between 7 and 8 am or 7 and 8 pm.


HOLDEN KINGSGOLD 71 - Mechanically A1, automatic, duel system. £2,600 or nearest offer. Please telephone Extension 428 or 49 8284.


The following person would like to type theses, reports, occasional papers etc. Gillian Anderson, Fennell Bay, 59 1556.

COMPUTER TERMINALS

The University has three used Computer Terminals for sale by tender, and details are shown below. Tenders will be accepted up to 11.30 am on May 14.

1 DECwriter 1 LA305 (20mA) Serial No. 0221174.
2 DECwriter 1 LA305 (EIA RS232C) Serial No's 0200794 0208407

For additional information, and to arrange inspection, please telephone London: 01 4275 or call at the Purchasing Section, Room 157 Administration Building, between 9 am and 5 pm. Itemised Tender Forms are available from the Purchasing Section, and must be forwarded in a sealed envelope marked "Tender for Computer Terminals" to the Purchasing Section, University of Newcastle, 2308. The University reserves the right to reject all tenders.

J.M. Falconer, ASSISTANT BURSAR.

WANTED TO BUY

LOWBOY - In good condition. Please telephone Jill Ide on Extension 565.

LADY'S BICYCLE - secondhand, 26". Please telephone Dianne on Extension 376.

FAMILY OUTING

The University Women's Group has arranged a family outing to the University Boathouse at Raymond Terrace on Thursday, May 15. All are welcome. Arrival time is 11 to 11.30 am. Bring your own lunch. Tea, coffee etc. provided. All ages welcome: 50 cents; children free. The power boat will be available for rides. For further information or to advise us that you are coming, please telephone Phillipa Powis 33 2262.

Diary of Events

MONDAY, MAY 5
12 am Department of Mathematics Combinatorics Seminar. Room V126 in the Mathematics Building. Professor W.D. Wallis will speak on "The Existence of Steiner Triple Systems" (Conclusion).

1 pm Inaugural meeting of Jazz/Rock/Folk/Blues Club, office of Activities Officer.

3 pm to 4.30 pm Department of Civil Engineering Seminar, Professor Branko Ladanyi, of the Ecole Polytechnique, Montreal will speak on Design of Caissons. Socketed in Rock. Professor Ladanyi will continue, after a break, with the topic Design of Tunnel Linings. Taking into account the Effects of Rock Creep and Dilatancy.

6.30 pm Film - Sunday Too Far Away, Common Room, The Union.

TUESDAY, MAY 6
1 pm Annual general meeting - Board of Management of the Union. Courtyard.

Inaugural meeting of the Union Film Club, office of the Activities Officer.

WEDNESDAY, MAY 7
1 pm Bush Band, Bushman's Axe, Courtyard.

THURSDAY, MAY 8
1 pm Inaugural meeting, Social and Cultural Activities Club, office of the Activities Officer.

FRIDAY, MAY 9
10 am LAST DAY RAGE - Pancakes and orange juice breakfast, Beer Garden.

noon to 2 pm Bush Band, Ironbark, and health foods, Beer Garden.

2 to 5 pm Live guitar and mandolin music, Beer Garden.

6.30 to 10.30 pm Super edition of Sing for Your Supper, the Bar.

Printed in the Secretary's Division, the University of Newcastle for the Editor, The Secretary, the University of Newcastle.