COMPUTER ARRIVING AHEAD OF SCHEDULE

The University's ICL 1904A computer, ordered from International Computers (Australia Pty. Ltd.) early this year has been consigned from England and will be delivered ahead of schedule. The big machine is now expected to arrive in Sydney early in November.

The new computer was bought with a special Government grant of $450,000. It will replace the IBM1130 computer which the University has rented since 1966 and which will have to be moved to another room in the University until it can be returned to its owners after December 1.

As well as offering a greater range of data processing facilities the big 1904A computer will operate at a faster speed. By April 1971 at least four remote terminals will be connected to the central processor and a further four will be released for outside organisations to buy.

A feature of the 1904A is its ability to be interrogated from outside locations via telegraph lines. The University has ordered four remote console units, called teletypewriters, which can transmit messages to the computer and receive information back. The theoretical full capacity is 256 lines for remote control by teletypewriters.

Already Shortland County Council, Avondale College and Australian Food Research Laboratories have decided to avail themselves of the computer's data processing ability.

Shortland County Council has decided to install a tele­typewriter in its Newcastle head office to obtain information from the University's computer on electricity load flow and other matters associated with the Council's operations.

The Chief Engineer of the Council (Mr. A. Donaldson) said that the big 1904A computer would eliminate the delays now being caused by having program cards punched outside the Council's office, delivered to the University, corrected and returned to the Council. The remote terminal would, among other things, allow programs to be relayed to the computer and corrected without Council staff having to leave the office.

Duties to be assigned to the computer include the control of book borrowing at the Library and the documentation of students' academic records. It will also be used for tuition in many departments, including the Departments of Mathematics, Engineering, Commerce and Economics.

In general, installation of the new computer will bring improvements in, and allow streamlining in, several areas of University administration, with benefits being derived by members of staff and students alike. Savings will be achieved in the time being devoted to administrative and library functions. Tuition and research being undertaken in some departments will become more specialised.

"W.L. DOCUMENTATIEGEGEVENS"

Now located in the microprint room in the Library, adjoining the Serials reference desk, is the literature index produced by the Delft Hydraulics Laboratory (Waterloopkundig Laboratorium.) "W.L. Documentatiegegevens" contains references to the literature of, in the main, hydraulics, hydrodynamics, fluid mechanics and hydraulic engineering and model techniques, and deals with such
related subjects as hydrology, meteorology, oceanography, oceanology, geology, mathematics, physics, mechanics, instrument development and some engineering techniques used in hydraulics laboratories.

The 6" x 4" cards containing the literature references are arranged according to the hydraulics documentation code (HDC) classification system. This system has been worked out from the hydraulic point of view and the hydraulic subjects are divided into the following groups:

- Fluid mechanics (1)
- Experimental Hydraulic research (2)
- Model studies of hydraulic engineering works (3)
- Hydrometric instruments and measuring methods (4)
- Measurements and observations carried out in nature (5)

The main groups 6 and 7 deal with the description of planned and completed engineering works, while the main groups 8 and 9 have been reserved for mathematics and related sciences and engineering respectively. All subjects of a general character are brought together in main group 0 - "General subjects".

Of great interest, obviously, to students in many branches of engineering, this index service will also be of interest to students in metallurgy, mathematics, geology, physics and geography. Staff and students requiring introduction to the use of this index should apply at the Serial reference desk. Library Staff will be pleased to give instruction in its use at any time.

TUTORS' & DEMONSTRATORS' ASSOCIATION

The University of Newcastle Tutors' and Demonstrators' Association has been formed to protect the interests of Tutors and Demonstrators, both full-time and part-time attached to departments in the University.

Mr. P. Chopra, Senior Lecturer in Education, who is investigating conditions for Tutors and Demonstrators at Australian universities, will speak at the Association's next meeting. The meeting will be held on October 13 in ALG56 beginning at 1 p.m.

Information about UNTDA can be obtained from Mrs. M. Henry (History) Extn. 460, Mr. A. Everett (Education) Extn. 472 and Mr. K. Lee (Geography) Extn. 470.

NIMROD NO. 7

Another issue of Nimrod, the Students' Association's literary magazine, is currently being printed and the Editor, Mr. B. Murphy, expects that the magazine will be available in the early future.

Nimrod consists of contributions from members of staff and students of prose, poetry and literary criticism and was first published in 1962.

Mr. Murphy said Nimrod No. 7 was bigger than usual and contained articles of literary criticism, short stories and poetry. He said copies would be sold at the S.R.C. Office and the Union Bookshop.

ELECTION OF BOOKSHOP DIRECTORS

Friday, October 16, is the closing date for the lodging of nominations for the election of those Directors of the University Cooperative Bookshop Ltd. who retire by rotation.

Candidates must be 21 or over. Nomination forms must be signed by two or more members of the Bookshop and be accompanied by memorandums which have been signed by candidates. They should be lodged at the registered office of the Bookshop -76 Bay Street, Sydney.

Mr. T. Ting, Manager of the bookshop in the Union Building, has requested members of the University Cooperative Bookshop Ltd. who are attached to the University to inform him of their current addresses. Dividend cheques would be posted in Sydney early this month and the cheques would be promptly received by members if he had the information.

NEW PRESIDENT - FLEEKT

Mr. A. Svirskis will succeed Mr. R. Schulz as President of Newcastle University Students' Association next year. Mr. T. Laffan will continue as Secretary and Mr. J. Skehan will serve again as Treasurer.
The personnel of the association's 1971 executive was settled by the recent election, in which 133 ballot papers were returned and for which the Vice-President (Mr. G. McDougall) was Returning Officer. The new executive will assume duties after the annual general meeting next March.

UNION BOARD VACANCY

Newcastle University Union is calling nominations for the election of a member to fill the vacancy on the Board caused by the resignation of Mr. G. M. Brown. Nominations must be in writing, signed by the candidate, and two others and must reach the Secretary Manager by 5 p.m. on October 9, 1970. Nomination forms are available at the Union Office.

STUDENT COUNSELLING SURVEY

The Student Counselling Unit is conducting its annual follow-up survey by circulating questionnaires about attitudes to university experiences among students who participated in the University Skills Assessment Tests in 1968, 1969 and 1970. The Unit has expressed its thanks to students who have cooperated by returning the survey material promptly, and urges other students to return questionnaires as soon as possible.

COMING EVENTS

"Semesters - Yes or No?" will be the subject of a forum in the lounge of the Union on October 8 starting at 1 p.m. Speakers will include Professor B. Anderson, Chairman of the Semester Committee of Senate, Mr. C. Joyce, of Macquarie University, and Mr. J. O'Brien, a student.

Orientation For Travellers

Students who will be participating in NUAUS travel schemes in the forthcoming vacation have been invited to an orientation gathering in the lounge of the Union on October 8 beginning at 5.30 p.m. The meeting will permit the intending travellers to meet people who participated in NUAUS travel schemes in past years and obtain impressions of countries to be visited.

Monteverdi Performance

Singers from Newcastle University Musical Society will give a performance of Monteverdi's "Mass For Four Voices" and present several songs in a lighter vein on October 8 in the Common Room of the Union beginning at 8 p.m. The singers will be conducted by Marie Gerrad. No charge will be made at the door but programmes will be sold.

Mathematics Seminars

Two seminars will be held in the Department of Mathematics on October 9. Mrs. L. Reid, Mrs. J. Jonas, Miss A Vogelzang and Mr. N. Chambers have prepared a seminar on "Redundancy in Natural Languages" to be conducted in Room G.24 beginning at 9 a.m. Dr. W. D. Wallis will speak on "Room Squares" in Room G.09 at 2 p.m.

League Presentation

After a successful initial season of play the Rugby League Club will present awards at a dinner-dance at South Newcastle Leagues Club on October 12 beginning at 6.30 p.m. Some of the prizes have been donated by Johnny Raper and Bobbie Bugden, Patrons of the Club, and the Club's coaches, Allan Buman and Ross Fairhall will be guests of honour. The guest speaker will be Dave Brown, who will present awards to the players who performed best in matches.

Economic Society

Professor K. M. Laffer, Associate Professor of Industrial Relations at the University of New South Wales and President of the Industrial Relations Society of New South Wales, will be speaker at a meeting of the Economic Society on October 13.

Professor Laffer will speak on "Strikes - What Shall We Do" in the Council Room beginning at 7 p.m. At 2.30 p.m. on the same day he will address a seminar for the Department of Economics in the Council Room. His subject: "Industrial Relations as an Academic Study."
Dyason Lecture

Mr. Leo Mates, who will speak on "East and West Relations in Europe: A Yugoslav Perspective" in the Staff House on October 14 beginning at 6.30 p.m., is Director of the Institute for International Politics and Economics, Belgrade, Yugoslavia. Prior to taking up this appointment in 1962 Mr. Mates had a distinguished career with the Yugoslav government. He is the author of a number of articles and monographs in the field of international relations. Mr. Mates is the Dyason Lecturer for 1970 - the first from Eastern Europe.

Psychology

Dr. W. Lett, Newly appointed Director of Educational Research at the University of Latrobe, will speak on "A Model For Teacher Education" at a meeting of the Newcastle Branch of the Institute For Educational Research at Newcastle Teachers' College on October 21.

Dr. N. G. King, Senior Lecturer in Psychology at Macquarie University, will address Newcastle Branch of the Australian Psychological Society on "Problems of Overpopulation" at the University in the Department of Psychology on October 30.

Kindergarten Talks

Pre-school education will be the subject of a conference to be held at the University on November 6 and 7. The organisers are the University's Department of Education and the Kindergarten Union of N.S.W. Speakers will be the Director of Mayfield Pre-School Kindergarten (Mrs. J. Howard), Misses R. Harrison and H. Newton, both of the Sydney Kindergarten Teachers' College, Miss M. Chase and J. Robinson, both of the Kindergarten Union of N.S.W. and Lecturer in Education (Mr. E. Braggett). All sessions of the conference will be held in the Science Lecture Theatre (H01).

TALK WITH PARLIAMENTARIANS

Dr. I. J. Fairbairn, Senior Lecturer in Economics, addressed a Federal Parliamentary Sub-Committee in Canberra on October 1. The sub-committee deals with matters affecting the South Pacific Region and is headed by Senator Druery.

Dr. Fairbairn spoke on "Problems and Prospects Pacific Island Economics" to about 10 Senators and M's.H.R.

STUDENT PARTICIPATION

Remember, the closing dates for submissions on the question of student participation in university affairs are approaching fast - October 15 for submissions from individuals and November 20 for submissions from university bodies. They should be addressed to "The Joint Committee on Student Participation", C/- The Secretary.

NEW SENATE DEPUTY CHAIRMAN

Professor L. N. Short was elected Deputy Chairman of Senate on October 7 to serve for two years from January 1, 1971. He will succeed Professor E. O. Hall, Dean of the Faculty of Applied Science.

Professor Short is Head of the University's Department of Education. He was attached to the University of New South Wales (Senior Lecturer in Chemistry, then Director of the Educational Research Unit) before being appointed Foundation Professor of Education in 1968.

NEW ECONOMICS-COMMERCE DEAN

The Head of the Department of Economics (Professor B. L. Johns) has been elected Dean of the Faculty of Economics and Commerce to serve for two years from January 1, 1971.

Mr. B. T. Colditz, Senior Lecturer in Commerce, will be the representative of the Faculty on Senate for two years from January 1, 1971.

Professor Johns will succeed Professor M. O. Jager as Dean and Mr. Colditz will succeed Associate Professor B. L. J. Gordon as representative on Senate.