



COMMON/CSCAL/IBM , NERR, NCH, NGAP, ISCAN, NBR, NGR, NSCAN1, NRO
1 IYSEL, IYSEU, IYMAX, NTRACK, NSCAN, NES, NFAIL, MAXTR, NFX, NFX1
2 NBEGIN, NTK, NTRY, NMISS, NSSR, NFID, MAXMIM, NFIRST, NID, NID1
COMMON/CFID/MFX(20,3), MFY(20,3), NFDX(10,3), NFX(10,3), NFX1(10,3)
JTAB(2,20,3), NX(100,4), NY(100,4), XN(2), YN(8), IBC(10,3), ID
R IDY(100,2), JDX(4), JDY(4), IHS(4), IGV(4), IGV1(4), IGV2(4), IGV3(4), IGV4(4), IGV5(4), IGV6(4), IGV7(4), IGV8(4), IGV9(4), IGV10(4), IGV11(4), IGV12(4), IGV13(4), IGV14(4), IGV15(4), IGV16(4), IGV17(4), IGV18(4), IGV19(4), IGV20(4), IGV21(4), IGV22(4), IGV23(4), IGV24(4), IGV25(4), IGV26(4), IGV27(4), IGV28(4), IGV29(4), IGV30(4), IGV31(4), IGV32(4), IGV33(4), IGV34(4), IGV35(4), IGV36(4), IGV37(4), IGV38(4), IGV39(4), IGV40(4), IGV41(4), IGV42(4), IGV43(4), IGV44(4), IGV45(4), IGV46(4), IGV47(4), IGV48(4), IGV49(4), IGV50(4), IGV51(4), IGV52(4), IGV53(4), IGV54(4), IGV55(4), IGV56(4), IGV57(4), IGV58(4), IGV59(4), IGV60(4), IGV61(4), IGV62(4), IGV63(4), IGV64(4), IGV65(4), IGV66(4), IGV67(4), IGV68(4), IGV69(4), IGV70(4), IGV71(4), IGV72(4), IGV73(4), IGV74(4), IGV75(4), IGV76(4), IGV77(4), IGV78(4), IGV79(4), IGV80(4), IGV81(4), IGV82(4), IGV83(4), IGV84(4), IGV85(4), IGV86(4), IGV87(4), IGV88(4), IGV89(4), IGV90(4), IGV91(4), IGV92(4), IGV93(4), IGV94(4), IGV95(4), IGV96(4), 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INTERNAL EVENTS

HEP SEMINAR
Wednesday 20 August
11.00
Conference Room, R61

Photo production of ψ
D Horn

NIMROD SCHEDULE

CYCLE 4 12.8.75 - 2.9.75

Team	Beam	MACHINE PHYSICS		HIGH ENERGY PHYSICS	
		Experiment		State	
BRISTOL/SOTON/RL	K15a	No 120:	K^-p differential cross-sections.	Setting up	
CAMB/RL	$\pi 12$	No 114:	$\pi^- p \rightarrow K^0 \Lambda^0$ differential cross-sections and polarisation	Data	
BIRM/SURREY/RL	K17	No 113:	Experiments with stopping Kaons	Data	
IMP. COLL/RL	$\pi 8a$	No 128:	Meson production near threshold	Data	
RL	$\pi 11$	No 154:	Radiobiological tests	Data	
OXF/ROME/RL	T1		Test beam facility	Tests	

OVERSEAS VISITS CONT.

The Director, to the USA, 19-29 August to attend Lepton/Photon Symposium
Mr E W Fitzharries, to the USA, 22 August - 3 October to participate in TST operation in the 12' bubble chamber at ANL
Dr C J S Damerell, to CERN, 24-29 August, to work on S120 analysis etc.
Mr D C Salter and Mrs L J Bird, to ILL, Grenoble, 27-30 August, for processing of UK experimental proposals for next ILL selection round.
Mr G T J Arnison, to CERN, 28-29 August, for technical discussions.

SOCIAL NEWS

1975 SQUASH CHAMPIONSHIP

The preliminary rounds of the Civil Service (Southern Region) Squash Championship 1975 will be held during September. The finals will take place on 4 and 5 October.

Players wishing to enter must be members of the Rutherford and Atlas Rec. Soc. For more details ring Peter Craske, Ext. 232/6697.

CHRISTIAN FELLOWSHIP

22 August: A book review will be held at 12.30 pm in the R12 Conference Room and all are welcome to come along.

29 August: All welcome to join in a time of fellowship at 12.30pm in the R12 Conference Room.

Training Concessions 1975-76

Employees of the Rutherford and Atlas Laboratories may now apply for training concessions for courses at local Colleges and application forms for this purpose are available from Local Admin Offices. Prospectuses for the Abingdon and Reading Colleges and timetables for the Science and Engineering Departments at Oxford Polytechnic can be seen in Local Admin Offices and the Library. South Berks College prospectuses are not expected until the end of August. The Training Officer, Mr T F Gubbins, will be available after 20 August to advise prospective students.

Prospective students should note the following arrangements for enrolments: -

OXFORD POLYTECHNIC
Department of Science

SOUTH BERKS COLLEGE OF FURTHER EDUCATION
Department of Technical Studies

ABINGDON COLLEGE OF FURTHER EDUCATION
Department of Engineering and Science

OXFORD POLYTECHNIC
Department of Engineering

READING COLLEGE OF TECHNOLOGY
Departments of Electrical and Mechanical
Engineering

Enrolment on first day of class.

Former students of the Department should use the pre-enrolment forms distributed with examination results.

It is hoped to have enrolment cards available in Training Section by the end of August and these must be completed by Friday 12 September.

Mr G L A Taylor will take enrolments and discuss problems with students in the Board Room, Building R20, at 3 pm on Monday 8 Sept.

The following students must enrol at the College in person at the times shown in the prospectus: -

Those who wish to attend other Colleges or other Departments of the above Colleges.

Those who wish to attend Oxford and Reading Engineering Departments but do not meet the above deadlines.

Those (other than prospective Reading Engineering students) who wish to discuss problems with College staff.

HARWELL EDUCATION CENTRE COURSES 1975-76

Over 300 copies of the AERE Course booklet have been distributed in the Rutherford and Atlas Laboratories. Copies can be seen in DAO's Offices, the Library and Training Section. Recipients are asked to retain their copies for use in 1976-77 since probably only a supplementary timetable will be issued for that year. Applications from Rutherford and Atlas Laboratory staff to attend AERE courses must be made on Form N552 to Training Section, Building R20, and not direct to AERE, although enquiries may be made to the telephone extensions mentioned in the booklet.

SRC MANAGEMENT COURSES 1975-76.

Copies of the SRC Course Programme are expected towards the end of August and they will be distributed as for the AERE booklets.

CIVIL SERVICE COLLEGE COURSES 1975-76

Civil Service College course booklets have been distributed to appropriate Group Leaders. The booklets can also be seen in the Library and a synopsis of those courses likely to be of interest to SRC staff is about to be published as an SRC Training Notice.

RUTHERFORD LABROATORY BULLETIN

Published by the Scientific Administration Group

Editor: H F NORRIS

Deadline
for
Insertions

GENERAL & SOCIAL NEWS
Tuesday 1600

INTERNAL & EXTERNAL EVENTS
Wednesday 1200

Room 42 Building R20
Rutherford Laboratory
Chilton Didcot Oxon
Abingdon 21900 Ext 484

Two more RL birds leave the nest

Although Mid Summers day has long since passed, blue skies, sub-tropical temperatures, and the occasional thunder storm, still says its High Summer and holiday time. Another reminder is the annual invasion of vacation students and the disappearance of many familiar faces, not all to return later in the month. Two who said farewell to the Chilton site on Friday 8 August have moved West.

Minnie Stoker has left to join her husband in Bristol and Betty McLoughlin and husband have retired to Cornwall.

Minnie joined the Lab 5½ years ago and after 18 months in the typing pool, worked as secretary to both John Dickson and Andrew Lea. Two years ago she moved to a similar position with Marshall King.

Before joining the Lab, Minnie had worked for several years at the Nuffield Orthopaedic Centre in Mary Marlborough Lodge which deals with the disabled. She was secretary to the compiler/author of the book "Equipment for the Disabled", a book sponsored by the charity "Action for the Crippled Child". However, it appears that Minnie became deeply involved in the testing of aids for disabled people from telephone handsets to full scale home lifts. As she said 'we worked closely with the workshop which was involved at that time designing buggies and adapting wheelchairs for the thalidomide children'. The book, she told me, is used by most hospitals and is updated each year as research continues. The satisfaction she obtained from this work was obvious.

Minnie seems to have been involved in so many things; Brown Owl to the Marcham Brownie Pack for five years, Assistant Guider to the third Abingdon Guide Company for four years and of course sport, being a keen competitor at squash, netball and rounders. Would she continue her Guide work at Bristol? No, at least, - well - the grape vine will no doubt begin to work, so who knows! This involvement was emphasised at her farewell party which was held on the lawn of a well known local hostelry. Marshall King in making the presentation said that it was a sad occasion, not only was he losing a perfect secretary but a valuable member of the EPIC team.

Minnie is also a future emigrant to Cornwall as she and her husband already own a peice of land at Coverack complete with ruined stone farm house. Plans are afoot to use the stone for a house with a first floor lounge over-

looking the bay, ready for their eventual retirement.

Minnie has written as follows:-

Would you please convey my very grateful thanks to the many friends who contributed to the beautiful departing gifts of cutlery, condiment set, serving dishes and wine. I would also like to thank the many people with whom I worked for making my stay at the Laboratory a happy and memorable one.

Friday, the eighth of August also saw the departute of Betty McLoughlin who had worked in the finance section in R20 for the past 7½ years. She and her husband have emigrated to Cornwall and will for the time being, live in the small home they own in Falmouth. However, they hope to find more suitable accommodation in the area before long.

Betty was no 'stranger to the ex RAF airfield as she had worked at AERE Harwell in the early 'fifties' in the wages and salaries section. The nine years after leaving Harwell were spent rearing her two children, both boys, one now at school in Trure and the other at Stowe. During this period she helped to build two houses and claims to be an expert at laying bricks. Betty, this is a statement I am compelled to accept, whereas if you had said 'dropping bricks' then confirmation would have been a simple matter with most of the occupants of R20 agreeing.

Her great sense of fun was well know, and the quick, often devastating and unpredictable reply to some passing remark could leave one almost helpless with laughter. Long may you continue Betty to 'drop bricks' and administer the tonic of laughter. This great sense of fun was touched on by John Sissons, who on behalf of her friends and colleagues presented her with a farewell gift of two silver goblets. Amongst other things he spoke of the great help she had given at the large international conference last year at Imperial College. Anyone who has had any experience of the day to day running of such an event is only too well aware that there are times when things get a little trying. Betty's extra contribution was in her ability to lift those drooping spirits by her irrepressible sense of fun.

Betty thanked everyone for the parting gifts and invited any of her many friends to call and see her at Falmouth.