eCHO

THE NEWSLETTER OF THE CULHAM AND HARWELL BUSINESS CENTRES JUNE 1997

Harwell opens doors to public

Harwell International Business Centre is looking forward to its first public event for nearly a decade – the Open Days on Saturday 28 and Sunday 29 June. Members of the public, staff and their families will have a unique opportunity to visit the centre and learn more about the activities of UKAEA and AEA Technology, and other tenants.

Visitors will be able to see exhibitions in the restaurant area covering the history of the site over the past 50 years, current decommissioning work, some of AEA Technology's work and plans for future development. Guided coach tours will explore the site, stopping off at the partly decommissioned DIDO reactor and Hangar 8, which houses a number of AEA Technology operations including clean room silicon chip production and ion implantation processes.



Mary Hills, Stephen White and Daniel McGeary with his eye-catching poster.

Media Interest

At a photo-call in the DIDO reactor in May, Stephen White, UKAEA Head of Site, met the local press, Thames Valley FM and Central TV South to publicise the event. Media interest was considerable, with Central TV running two bulletins about the event later on the same day.

"Many important changes have taken place in recent years," said Stephen. "Our work today involves dismantling redundant plant and equipment while creating opportunities for new development. We are providing a pleasant and modern working environment for existing tenants which will also attract new businesses specialising in science and technology.

"We have a responsibility to the local community to show the work which is currently taking place and explain our exciting plans to generate jobs and prosperity for the region in the future."

A Harwell Open Days poster competition, run at Chilton Primary School, was won by ten-year old Daniel McGeary of East Hagbourne. His colourful design is featured on posters throughout the site and local area.

From the entries submitted, Stephen White and property manager, Mary Hills, had the difficult task of choosing the winner and two runners-up who each received W H Smith vouchers.

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eCHO BRIEF

Introducing CCLRC

A new leaflet, "Introducing the Central Laboratory of the Research Councils" is available from the Rutherford Appleton Laboratory Press and Public Relations section. It explains CCLRC's objectives; their facilities, services and resources; and their international, industrial and academic links. For a copy, contact the Press Office on 01235 445789 (or ext. 5789).

JET's Promising Start

JET began its series of high-power fusion experiments on 20 May. Tritium fuel was mixed with deuterium for the first time since the famous PTE (prelimary tritium experiment) achieved a world-first of significant controlled fusion in 1991. A spokesman for JET, said, "We are now in the early stages of building up the proportion of tritium in the machine from 1% up to 50%. It will be several weeks yet before we begin to do any high-power shots, but at this early stage, the programme appears to be going well."

JET hopes to begin its first high-power experiments in the early June.

Amersham Stops its Manufacturing Activities

Amersham International recently announced the transfer of several of their manufacturing operations from the Harwell site to other Amersham International sites.

A decommissioning team has been set up at Harwell, charged with clearing the site of liabilities before the Amersham premises are eventually vacated. The company anticipates completing these works by the year 2000.

Resident decommissioning manager for Amersham International at Harwell is Peter Hayes while the site manager role has been taken over by Anthony Webb, who is based at their premises in Little Chalfont, Buckinghamshire.

NRPB Review of Radon Dwellings

A report on radon in English dwellings has been published by the National Radiological Protection Board.

The report summarises the results of over 300,000 radon measurements in homes throughout England by administrative areas and postcode divisions. It is a companion report to the Radon Atlas of England published last year in support of formal advice given to Government on radon Affected Areas throughout the country.

Copies of the report may be obtained from the NRPB Press Office, price £10.00, on 01235 822744 or ext. 2744.

A dozen Harwell companies have accepted the invitation to exhibit at the event, including some of the smaller tenants such as Beven Recycling, Oxford Drying and Restoration Services and Harwell Dosimeters, as well as newcomers Enigma V.

Nick Hance, UKAEA PR Manager for Harwell, commented, "Publicity for the Open Days has excited a lot of interest and hundreds of people have applied to come. We expect many more to register by the closing date. We are delighted that so many tenant companies are exhibiting because the local community wants to know about the businesses at Harwell."



Journalists interviewing Stephen White, Nick Hance and John Buffery of UKAEA in May inside the DIDO reactor – one of the exhibits at the Open Days.

Staff wishing to attend the Open Days should register in advance before 11 June by completing the attached form. You may wish to prefer to take your guests around the site in your own vehicle. Providing that you register the names of your visitors, including children, in advance, you will be allowed to do so. Please make prior contact with the necessary member of staff (eg the Building Manager) to make arrangements to visit any buildings, particularly those with controlled entry.

Limited crèche facilities are available free of charge for children of staff up to the age of three for a maximum of two hours. Please contact Liz Ashwin at Kids Unlimited on ext. 2146 to book a place.

Unfortunately we cannot admit any non-passholders who have not registered in advance. Also please note that we will not acknowledge receipt of this form. Your visitors' pass (es) will be available at the restaurant reception desk for collection on the day. Please make a note of the time of your visit and your visitors' names before returning this form.

Please telephone the Advance Registration Hotline if you have any queries on 01235 433827.

STAFF ADVANCE REGISTRATION FORM

I/We would like to visit Harwell International Business Centre on (please tick one):

☐ Sat 28 June 10 am - 1 pm ☐ Sat 28 June 1 pm - 4 pm

☐ Sun 29 June 10 am - 1 pm ☐ Sun 29 June 1pm - 4 pm

The number of people in my party will be (one car per passholder): .....

STAFF PASSHOLDER

Full Name ..... Extn No .....

Employer and work address .....

.....

VISITORS: *(maximum of three)*

1 Full Name ..... Daytime Tel No. .....

Address ..... Age (if under 16) .....

..... Nationality .....

2 Full Name ..... Daytime Tel No. .....

Address ..... Age (if under 16) .....

..... Nationality .....

3 Full Name ..... Daytime Tel No. .....

Address ..... Age (if under 16) .....

..... Nationality .....

Please return by Wednesday 11 June 1997, to: Emma Bennett, Johnson Controls, 150 Thomson Avenue, Harwell International Business Centre, Didcot OX11 0RA.

Stella stars at Culham



Larry Byrne (JET) presents the shield for 'Best Company' to the "Stella" team.

Before an audience of 250 people, "Stella", a team from Oxford High School for Girls, won the Young Enterprise County Finals at the John Adams Lecture Theatre, Culham.

JET and UKAEA co-sponsored this popular community event to test the entrepreneurial skills of Oxfordshire sixth formers. Six schools presented their "companies", exhibited their products and won a variety of shields and cups.

Young Enterprise (YE), founded in 1963, now tests the business skills of 40,000 students in the UK; 800 of them are in Oxfordshire alone. With the support of 60 Oxon businesses, the County Finals have taken place at Culham for the past three years.

"Stella" was voted the Best Company and will go on to represent the county in the later stages of the competition. Their company, which has traded for less than a year, made a £800 profit on making and selling necklaces crafted from "Fimo" and baked. They were one of only a few school businesses in Oxfordshire that attempted to market their goods through high street retailers.

The team also won the UKAEA Cup for the Best Financial Report and the Institute of Management's Shield for Marketing.

Larry Byrne, JET's Associate Director for Administration presented the prizes. He commented, "This is your night, your achievement and you have learned what it is like being at the coal-face of running a real business."

Groundwater clean-up a success

A programme of work to remove contamination from Harwell's groundwaters has succeeded in making the water a hundred times cleaner than when it was begun.

Harwell's groundwaters were found to be contaminated with low levels of chlorinated chemicals in 1989. A survey, completed by UKAEA and the National Rivers Authority (now part of the Environment Agency) showed that the chemicals had come from waste pits in the Western Storage Area (WSA) and, to a lesser extent from the Southern Storage Area (SSA).



The Western Groundwater Treatment plant.

These had been used until 1977 for the disposal of liquid solvents which are used for dry cleaning and degreasing. The contamination did not involve radioactivity.

The chalk on which the Harwell site is built is saturated with water, used as drinking water in the region. Permitted levels of chemicals in drinking water are very low.

The solution, agreed with the regulatory authorities, used the "Pump and Treat" method. Contaminated water is pumped out, via boreholes sunk into a "plume" of water, treated in the plant to remove the pollution, and re-injected upstream as clean water. This prevents water from flowing away from the disposal sites, thus preventing the spread of contamination, and removes pollutants from the groundwater.

To date, two hydraulic plants have removed three and a half tonnes of chemicals. Each plant now removes less and less material as the water gets cleaner each time.

Stephen White, UKAEA Head of Site, said "We have worked closely with the regulators and local authority to tackle this problem. And we have had the support of AEA Technology and other contractors in designing and implementing solutions. I am pleased that this is now paying off. The groundwater plants are successfully cleaning up the aquifer and preventing the spread of contamination. There is still work to be done and we are now tackling the sources of contamination in the disposal pits themselves to achieve an environmentally acceptable long term solution."

Enigma V

Enigma V is Harwell International Business Centre's newest tenant. It describes itself as "a One-Stop-Shop for publications, which can cope with anything from writing a one-page flyer to designing World Wide Web pages".

The company has been founded by Roger Coombes and Chris Holland, who have both previously worked for AEA Technology's Energy Technology Support Unit, Roger in the Design Studio and Chris in Publications. The two head up a team of writers and designers whose expertise includes technical writing and editing, sales and copy writing, the design and production of exhibition panels, posters, OHTs and 35mm slides as well as the drawing of cartoons and logos.

Besides their publications work, Enigma V are currently bidding for a contract that involves the sourcing of information and the subsequent publication of a set of guidelines based on that information.

"We aim to provide a competitive, comprehensive service that is accurate, fairly priced and meets the needs of our customers," said Roger Coombes. "We would be delighted to discuss our services with anyone over a cup of coffee in our offices."

Enigma V are located in B166A, Curie Avenue, Harwell and can be contacted by phone or fax on 01235 861840, or by e-mail at ch@enigma-v.demon.co.uk.

notice BOARD

Avoid the Queue with an Early Lunch

The 24th Culham Plasma Physics Summer School will be held from 7-18 July this year. There will be approximately 60 students who will be using the Culham restaurant for lunch each day at 12.45 pm. Staff are advised to take lunch before this time to avoid long queues.

Thank You

Thank you to AEAT staff in Building 392.10 and also to 329/1HO4, 8.9/14A and 404 for a lovely party, cards and presents on my retirement. I wish you all the best for the future.
Shirley Davis.

Independant Financial Advice

Independant financial advice will be provided on the Harwell site, thanks to Nigel MacGeorge of Ashley Law, Oxford. Nigel will be setting up office at the end of June or early July in B.166, Curie Avenue. He specialises in Swiss information, and in all aspects of personal and corporate finance, life assurance, mortgages and sickness cover. He also has access to over 800 Unit Trusts and PEPs.

If you wish to obtain further details, Nigel may be contacted on 01235 821128.

Chari Tea!

The Occupational Physician will treat your shock at giving him a donation with a cup of tea (hot and sweet, if you like), and a cake if you're lucky.

This Charity tea-party in aid of Soldiers Sailors Airmen Families Association - Forces Help takes place in the Rec. Soc., C2, Culham on Wednesday 11 June between 4 and 5 pm. A bugle will remind you if you're on the Culham site. Everyone will be welcome.

SSAFA Tea Parties are held over the whole UK and the organisers are expecting a record-breaking 250 people to attend, which will hopefully achieve a place in the Guinness Book of Records.

Contact Dr Lawrence, C2, on Culham ext. 3203 for further details.

Thank You for Giving Blood

The National Blood Transfusion Service would like to thank all those who so generously donated blood during their visit to Harwell in April.

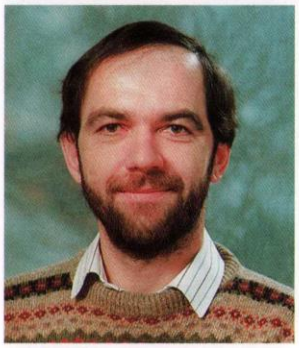
A total of 292 donations were made including 25 first time donors.

MRC Harwell Annual Lecture

The inaugural Lecture to mark the 50th anniversary of MRC's presence on the Harwell site was given in the Cockcroft Hall. In what is planned to become an annual event, Sir Alec Jeffreys, the Wolfson Research Professor of the Royal Society, spoke about his current research into genetic mutations.

Sir Alec, knighted in 1994 for his work on DNA, discovered a highly variable class of DNA sequences in humans that results in everyone having their own unique genetic "fingerprint". His discovery led to a breakthrough in forensic science that can identify individuals from trace amounts of blood and saliva.

Now routinely used worldwide, DNA fingerprinting in human and animals is used to settle paternity suits, confirm pedigrees and study evolution using contemporary and archaeological samples.



Sir Alec Jeffreys.

Professor Jeffreys delivered his lecture, entitled "Spontaneous and induced repeat instability in the human genome", to a packed house that included a broad spectrum of scientific expertise ranging from a class of sixth formers to scientists working across Britain.

His lecture was of particular interest to those concerned with the consequences of exposure to ionizing radiations and he highlighted studies on the children born to parents exposed during the Chernobyl disasters.

Revealing data analysed only the previous week, he suggested that mutations occurred by an indirect mechanism and not as a direct consequence of radiation-induced DNA damage. He said that there was not yet any direct evidence for a link between these specific mutations and consequences to the health of off-spring.

A spokesman for MRC Harwell said, "We are grateful to Professor Jeffreys for making the first Harwell Lecture such an enormous success. He has set a very high standard for subsequent lectures."

Protecting the environment in China

Russell Frost, a scientist working for AEA Technology, is completing his third project advising the Chinese on the environmental impact of their booming industrial growth.

Russell, a chemical engineer by training, has spent twelve months over the last two years working on different assignments in China, on behalf of the National Environmental Technology Centre (NETCEN) at Culham.

"As has been widely reported there has been a tremendous emphasis on economic growth in China," commented Russell. "However this growth can be at the expense of material, energy and people. We want to support China's industrial growth, but to ensure that this is not at the expense of safety and the environment."

The first two assignments provided consultancy to the Asian Development Bank. In the first, Russell examined industrial investment proposals to advise on their environmental impact. The second involved providing strategic support to the regulator in Beijung to improve its efficiency.



Jan Clarke (middle left) of Risley is working up a flowsheet with local staff. Russell Frost (back right) looks on.

The current project, which is promoted by the UK's Overseas Development Administration involves supporting local authorities in Shanghai in developing industrial protection. Shanghai industries are encouraged to minimise waste at source and to carry out environmental monitoring of natural waste and industrial emissions.

"A key element is knowing how to use the data gained from the monitoring," Russell explained. "One of the results of the work has been to set up an ozone diffusion tube survey to measure the concentration of ozone and nitrogen dioxide."

Whilst in China, Russell has also spent time exploring the cultural environment, which he says is both enriching and stimulating.

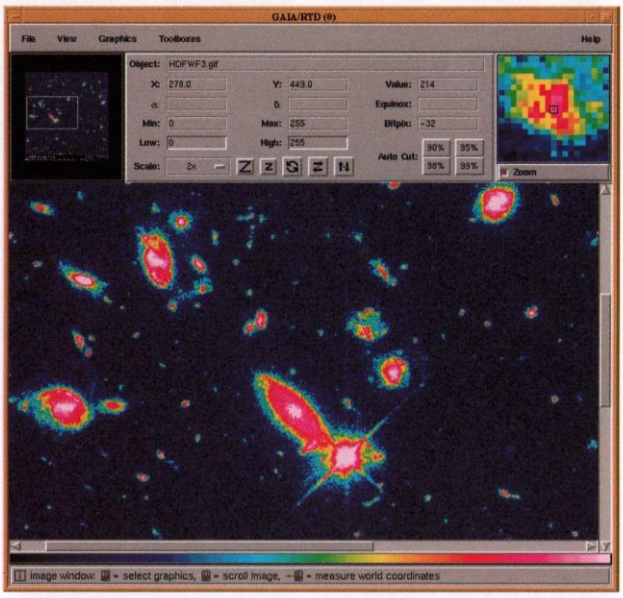
Software for *Stargazers*

Computer software developed by the Rutherford Appleton Laboratory (RAL) will enable amateur astronomers to analyse in detail images of the skies taken by electronic camera.

The sophisticated software, provided by the Starlink Project, will also acccurately measure the brightness of the stars, automatically detect objects in images and create large mosaics from many smaller images, to name just a few of its capabilities.

Until recently, the software has only been used by professional astromoners with powerful computers. Now it is available for non-profit use by amateurs who may use it on their home PCs.

"Many amateur astromers play an important role in some areas of modern astromony," commented Chris Clayton, a member of the Starlink project, who has been, himself, a keen observer. "We are able to provide this software to them because many are now using similar types of computers to those used by professional astronomers."



Space is analysed via one of the image manipulation tools which is part of the Starlink software.

Starlink was set up in 1980 to help astromoners use computers to analyse their observations. The project is run by RAL and comprises a network of computers used by 2000 UK astronomers at 28 sites, a collection of software, and and a team of people giving hardware, software and administrative support.

Customer satisfaction awards

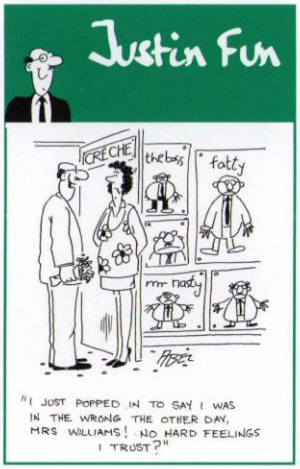
Two Culham-based colleagues, Matthew Sommerville and Mike Cooke, have been named as winners of AEA Technology's first customer satisfaction awards.

Matthew gained his award for environmental work following the Milford Haven oil spill; Mike, who lives in Cholsey, for his involvement in an instrumentation project for the ENVISAT satellite. Chief Executive, Peter Watson, presented the successful candidates with their certificates outside the company's headquarters in May.

The new customer satisfaction awards were introduced following AEA Technology's privatisation last year, as part of the company's drive to turn its scientists and engineers into successful business managers.



Peter Watson, Matthew Sommerville and Mike Cooke.



DO YOU NEED BUILDING REGULATION APPROVAL?

When a building is newly built, extended or altered it almost certainly requires Building Regulation Approval. This would include offices, dwellings and canteens, etc. within the UKAEA and Rutherford Appleton Laboratory sites.

These standards are set by Government and implemented by Local Authority Building Control.

By checking plans and inspecting building work the Vale of White Horse Building Control aims to ensure the health and safety of people as well as the conservation of fuel and power and access for disabled people.

Vale of White Horse Building Control provides a comprehensive and friendly service for the commercial developer and private householder.

It encourages a positive development team approach and welcomes early dialogue in order to create designs that are aesthetically and economically pleasing to the owner.

Each project is treated individually and on its own merits and receives personal attention from qualified Building Control Surveyors within a team dedicated to a local region in the Vale.

The Vale's Building Control offers a value-for-money service which is publicly accountable, independant and impartial. It has a vast local knowledge and is reliable and permanent.

The service is backed by a corporate commitment by the Council to its customers and community.

Advice on how to proceed can be obtained from Building Control at Abbey House, Abingdon. Tel: (01235) 520202 Fax: (01235) 540396

Out & About

Operatic Cameos

Saturday 14 June

"Opera at Wantage" open the second Wantage Festival of Arts with a selection from various operas. "Operatic Cameos" will be held on 14 June at 7.30 pm at Wantage Parish Church. Tickets" £5 from Wantage Museum or from Julia Garrard H4121 (mornings) or Wantage 768510.

From Monasteries to Satellites

Tuesday 24 June

The next BNES evening talk "From Monasteries to Satellites - assessing earthquake hazards in Britain" will be given by Dr David Mallard. It will be held in the ETSU Conference Centre, Harwell on Tuesday 24 June at 7 pm (coffee/tea will be available from 6.30 p) and light refreshements after the talk). All welcome. For further information please contact Dr Chris Perks on H4784 or chris.perks@aeat.co.uk

National Bike Week Rides

7 and 15 June

The Wantage Section of the Cyclists' Touring Club are organising:

Family Fun Rides of 5 and 15 miles on Saturday 7 June starting at 2 pm from Old Mill Hall Car Park, Grove.

Leisurely 20 - 25 mile ride from Didcot Parkway Station at 11 am on Sunday 15 June. Pub. lunch.

Cyclists of all ages welcome, but under 16s must be accompanied by an adult. Rides will be lead by experienced cyclists. Limited mechanical assistance available. Just turn up on a roadworthy cycle.

Details: Steve 01235 764257 (H4368), Alan 01235 771317 (R6420).

National Cycle to Work Day

11 June

This event is for those who do not normally cycle to work. If you normally do cycle then bring a friend. There will be a cyclist picnic at 12.30 pm in the Rugby fields by Harwell Business Centre, Main Gate, plus other events. Contact david.spencer@aeat.co.uk for further details.

Culham Christian Fellowship

Continuing a tradition established when the site was set up in 1960, the fellowship meets at least twice monthly, invariably on the first and third Thursdays. On these occasions we welcome all who are interested to come along to the social club at 12.30 for half an hour of good company in a friendly atmosphere.

If you would like to discover more about the fellowship and our other activities, or need to talk to someone, please drop me an e-mail or just pop in to one of our regular meetings. (The next one is 5 June). John.Clifford@aeat.co.uk

The Morality of War

29 June

All are welcome to this lunchtime talk by ex-squadron leader, Rev. Philip Mader-Grayson of Wallingford at the Harwell Christian Fellowship. Drop in between 12.50 pm and 1.30 pm in the Social Club Chapel (1st floor) for a stimulating break.

Stamping for Charity

An appeal for used postage stamps organised by Nicky Sandford and Sarah Parker of UKAEA Finance, is expected to raise over £300 for leukaemia.

"I have been delighted and amazed at the response," exclaimed Nicky. "The number of stamps arriving from people at Culham and Harwell has been growing steadily since the appeal went out in the April edition of ECHO and on noticeboards. I would estimate that at least 20,000 stamps have been sent in so far."

A number of foreign coins and coupons have also been sent in, which are expected to raise a useful sum.



Nicky Sandford estimates she has received over 20,000 stamps for charity.

The collection of stamps, coins and coupons will be donated to the Leukaemia Research Fund in Oxford. Nicky has a personal interest in the charity following the death of a family member from the disease.

Military visitor

An unusual and special vehicle visited Harwell recently from the Royal Yeomanry. The 17-ton "Fox", an armoured Nuclear, Biological and Chemical Reconnaissance (NBC) vehicle, is one of only eleven in the UK and is based at the Territorial Army Centre in Swindon.

The light armoured vehicle is powered by its 320 HP engine, has a six-speed automatic gear-box and is capable of 105km/h on land and 10 km/h in water. Completely sealed against water and dust ingress, it carries 2 tons of equipment for monitoring the extreme battlefield conditions likely to be met in an NBC attack. The German-built vehicle carries a crew of four and is equipped with six large wheels and a pair of propellers.

It provided one component of the Open Day on Communication and Information Systems, hosted by AEA Technology's RADIAC Project Office, on behalf of the Ministry of Defence. About 40 people from MoD heard presentations which explored possible methods of reporting nuclear measurements from the field automatically.



L-R: Staff Corporal Evans and Staff Sgt Waddell, Royal Yeomanry Swindon; Mike Stevens, Lorraine Longford, Ron Morton, Mike Flemming, AEAT plc; Captain David Butler, MBC Adviser to Royal Yeomanry, London; Bryan Pierce, Head of RADIAC Project Office, AEAT plc.

SAFETY FACTS

Lost time accidents

Culham/Harwell	C	H
Recorded since last issue	1	1
Total this year	1	11
Total reported to HSE '97	1	7
Total days lost in '97	25	63*

Minor accidents (no time lost)

Recorded since last issue	7	23
Total this year	17	85

*Days lost for one accident not recorded as return date not confirmed at time of going to press.

There was one radiological incident, designated at Category 2 and two other incidents reportable since the last issue of ECHO.

Category 2 radiation incident

A tenant's employee decontaminating a containment box received a radiation dose to one finger of approximately 10% of the annual limit. Further work was suspended pending an investigation.

Contractor injured

A contractor, working at Culham International Business Centre, tripped over a bucket of tools and fractured a bone in his left ankle. He was taken by ambulance to the Occupational Health Department at Culham and then to hospital. UKAEA set up an incident investigation.

Contamination found

Low level activity from natural uranium was discovered, 3 metres deep, during survey excavations of the former RAF catapult pit, adjacent to Frome Road. Samples were sent for analyses and the ground restored to its pre-survey condition. There was no release of radioactivity to the atmosphere and there is no contamination on the surface. The appropriate regulatory authorities have been informed and longer term action is under consideration.

Their Longest Day



Some of the team of charity walkers on a training weekend at Scafell.

Saturday 21 June really will be the longest day for a team of eighteen charity walkers from AEA Technology.

The team will be embarking on the "Three Peaks Challenge", a quest to climb the three highest peaks in Britain - Ben Nevis, Scafell and Snowden – in 24 hours. They hope to raise over £2000 in support of Multiple Sclerosis, Terrence Higgins Trust, Cancer Research and British Red Cross.

"Although none of us have attempted this walk before our training weekends have been going well and have been a lot of fun," said organiser Guy Chaplin. "I understand that the weekend of the longest day is very popular with three peaks walkers so, with many other teams to keep us company, it should be a lot of fun."

If you would like to sponsor the team, you can contact Guy at Harwell on extension 6463.

Ladies Challenge Cup

With full commitment from all the players, a large supportive crowd and perfect weather conditions, the first match of the Ladies Challenge Cup provided an enjoyable evening for players and spectators alike.

After 40 minutes of play, 6 goals had been scored (5 to ETSU, 1 to NRPB). Fiona Ravenscroft of NRPB was named player of the match, for her skill in giving and taking tackles and her enthusiasm, and Ann Stevenson of ETSU received the red card for "a particularly dreadful foul."

ELF (ETSU Ladies Football) set up the The Ladies Challenge Cup to give women the opportunity to play competitive football and they are keen to continue. Any team of ladies can challenge the holders of the cup to a game of 6-aside football. Mixed teams, which are biased towards ladies (eg 2 men, 4 ladies) may also compete. "We aim to get women doing something they do not usually do and it's also a great chance to meet people." said Ann Stevenson, ETSU player manager.



The Ladies Challenge Cup being contested by NRPB (in white) and ETSU (in red).

If you can get a team of 6 women together who are keen and fancy a challenge, challenge ELF to a game. Or, if you want to be in a team, call Ann Stevenson on Harwell ext. 6636. Matches are held at whatever time is convenient.

HARWELL LABORATORIES RECREATIONAL ASSOCIATION

~ Members' Notices ~

"Good Sports" Lunches



Don't let cricket, rounders, croquet or aerobics stop you from having lunch!

Order your baguettes, baps, sandwiches from the Social Club in advance by ringing Harwell ext. 3296 or by fax on ext. 3250. Collect on your way to or from your activity.

A large range of tasty fillings, hot and cold, at last year's prices are available until 1.45 pm.

Putting for Pleasure



Want to spend your lunch-hour in a restful and relaxing way.? The Rec. Assoc. has converted the bowling green behind Lloyds Bank into a golf putting lawn. Members may draw putters and golf balls from the Rec. Assoc. office (B161) for a small deposit.

To pre-book the lawn, ring Harwell ext. 3296.

Fireworks Display Team



The Firework Display Team of some 20 years has now disbanded. To ensure that the 1997 event takes place, a team of approximately 10 strong men will be required.

For volunteers, there are a limited number of places available on one-day pyrotechnic training courses in September. Vacancies permitting, volunteers may attend a course at the Recreational Association's expense.

Anyone (HLRA member of not) who is interested in helping to set up and set off the fireworks for this year's display (probably Sat 8 Nov.) should contact Tony Betteridge, Rec. Assoc. Secretary, on Harwell ext. 3296.

THE COPY DEADLINE FOR THE NEXT ISSUE IS: Monday 30 June for publication on Wednesday 16 July 1997.

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Tel. (01235) 435163 Fax. (01235) 436899
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Your contact is: Culham/Harwell PR manager, Nick Hance, RM1-72, 521 Harwell. Tel. (01235) 436909 Fax. (01235) 436899

Copy can be sent directly to the editor via e-mail: sue.coxon@ukaea.org.uk