

Celebrating two decades

This year has proved to be an excellent one for Harwell Drying & Restoration HDRS also celebrates the twentieth anniversary of its freeze-vacuum drying service at Harwell.

Two decades ago the Taylorian Institute, a key library within the University of Oxford, found that a rising water main had burst during the night in a severe period of weather and formed a pool of water several inches deep in the basement. Precious volumes stored there - particularly a rare collection of 16th century Slavonic literature - had suffered severe water incursion.

Library staff soon contacted chemical engineers at Harwell when the badly damaged books could not be dried using the



Prestigious customers.

Coffee morning



Over 100 people joined in the World's Biggest Coffee Morning on 1 October, in the B220 teamroom at Harwell, raising £475 for Macmillan nurses. Myra Hardman, UKAEA B220 admin manager organised the event which included a raffle and a men-only baking contest. From the many accomplished entries, Roger Whiteacre of AEA Technology was judged the winner for his superb lady cake and received a book of chocolate as a prize. There were also delicious cakes baked by ladies, but these were not entered into the



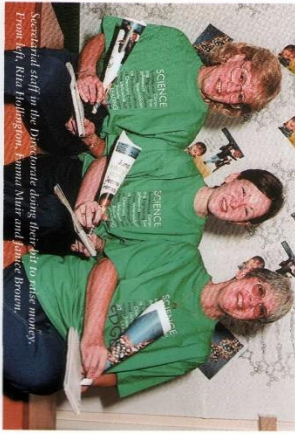
Ken McKenzie (front right) and the HDRS team.

usual method, given the frailty of the paper and the likelihood of fungal attack. Experts in drying technology, John Gibson and David Reay, subsequently performed pioneering experiments, concluding that the freeze-vacuum drying method was an extremely successful method of restoration. Today HDRS methodology is recognised by UNESCO as the most safe and effective, posing minimal risk of further damage.

HDRS moved into the private sector in 1995 after a management buyout from UKAEA, but remains at Harwell. Customers include the House of Commons, Oxford University, Reuters and Gadox Welfare. Ken McKenzie, a young undergraduate who helped in the initial experiments in 1979, has been at the helm since 1990. "Not only have we attained a high level of technical know-how and capability, we have combined this with a dynamic and trusted disaster response mechanism," he said. Looking forward to the next 20 years he said, "I'd like to see HDRS continue to grow. Our mission is to maintain our position as UK leader in the disaster recovery field and expand our service for books and documents. We've recently added a service to combat the problems of post-fire smoke damage to paper and are looking into offering a package dealing with small claims insurance - a high growth area. Our mission is to maintain our position as UK leader in the disaster recovery field and expand our service for books and documents into new areas."

RAI denim day

RAI staff turned their backs on normal dress code and pulled on raised £114 for the jeans for Genes Day! on Friday 8th October. The Great Ormond Street Hospital Children's Charity is one of four charities to benefit from this fund-raising scheme, to help research into genetic disorders affecting children, and provide valuable support services for families.



Scientific staff in the Directorate doing their bit to raise money from the RAI fundraising appeal. Miriam and Laure Brown.

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AEAT

THE NEWSLETTER OF THE CULHAM SCIENCE CENTRE & HARWELL BUSINESS CENTRE NOVEMBER 1999

AEAT joins fight against cancer

EA Technology has developed a process that can produce a radioactive isotope pure enough to be used in a new generation of 'smart drugs' that could revolutionise cancer treatments. Yttrium-90 is a key component of a new treatment which is being developed by the biopharmaceutical company, Antisoma, to treat ovarian cancer.



The diagram shows the mode of action of Theragyn and Yttrium-90 with the Y-shaped Theragyn molecules moving towards the cancer cell on the right. The antibody binds itself to the malignant tumour.

The treatment involves AEAT's yttrium-90 attached to an antibody-based compound called Theragyn, which is injected into the body. The antibodies attach themselves to the cancerous cells which are irradiated and killed. The drug is administered post-surgery to mop up any remaining cancer cells. Of the 160,000 new cases of ovarian cancer reported annually worldwide, long-term survival rates are low at around 30% after 10 years. Early trials

of the new treatment suggest that it could increase survival rates substantially. Phase III trials involving 300 women around the world are ongoing and are approved by the US government's Federal Drug Administration (FDA)

Student visit

A group of students studying GNVQ Business (Advanced) from King Alfred's School Wanganui, St Mary's School Wanganui, and Our Lady's Convent, Abingdon recently visited the Harwell International Business Centre. Organised by Cathy Wright of AEA



Technology the presentations covered communication with the media, employees and electronic communication advances. An introduction to the UKAEA was given by Alan Davies, deputy head of UKAEA corporate communications, pictured here with students from the schools.

This Month

Saintly carving



Innovation plus



Sandi drives off



Denim day



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drugs injected into the human body. Being radioactive it is difficult to make and requires specialist expertise and facilities. At its production site in B220 at Harwell AEAT currently has

New sewage link to Didcot

Harwell's sewage treatment plant, originally installed by the RAF before the last War, will cease to operate next year. **Work by Thames Water Utilities (TWU) has started to install a pipeline connecting the site to their modern treatment plant at Didcot.**

The project, costing over one million pounds, will complete TWU's rationalisation of local sewage plants by closing some local village plants and connecting them to a larger plant at Didcot. This will bring economic and environmental benefits to the local community.

Work has begun at Harwell to install a new pumping station to handle all the site's foul effluent. The new pipeline to Didcot will follow the line of the Icknield Way over Hagbourne Hill and join up with other pipelines from Harwell, Upton and the Hagbournes. The pipeline will become operational early next year, following which the Harwell sewage plant will be closed and eventually

equipment capable of producing enough yttrium-90 for 1,500 patient doses a year. A new plant is currently being designed that will provide 25,000 doses per year to meet the estimated increase in demand.

decommissioned.

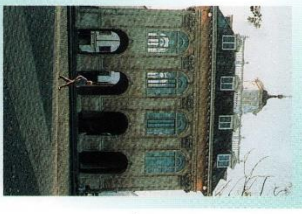
Residents of North Drive and users of Icknield Way have been warned of some local disturbance from trench digging machinery and diversions set up to take pedestrian and equestrian traffic. As Icknield Way is a bridleway of considerable antiquity, experts from Oxford University will be monitoring the work in case a find of historic significance is turned up. Completion of the on-site work is expected by the end of the year.



View of the pipeline route along the Icknield Way

JET on display

JET and UKAEA Fusion are jointly hosting an exhibition at Abingdon Museum from mid-December to mid-January. The exhibition will tell the history of fusion research at Culham and put it within the broader context of Abingdon's industrial history. Topics covered include the origins of the Culham site, the early history of fusion research, the formation, construction and results at JET so far, the other experiments done at Culham over the years and a discussion of what fusion is all about and why it is regarded as so important. It will feature new video material, PC based displays, collections of historical material such as photos and small bits of fusion equipment and a set of specially commissioned posters to guide the visitor.



Bryan retires

After 40 years' service with UKAEA and AEA Technology, Dr Bryan Pierce retires in September.



Retiree Dr Bryan Pierce with colleagues: Mike Fleming, Bryan Pierce, Loraine Langford and John Locke.

He initially joined the analytical chemistry branch led by Dr A A Smiles, where he was involved in solvent extraction, electrophoresis, chromatography and various radioanalytical techniques. He then specialised in the development of computer-based instrumental techniques, and was appointed manager of the nuclear instrumentation project in 1983. Five years later he became head of the instrumentation branch and was successful in attracting to Harwell the RADAC programme on radiation-monitoring equipment for the Ministry of Defence. Bryan was technical director of the RADAC project offices, most recently with AEAT's consulting business until his retirement.

In 1988 Bryan received the Royal Society of Chemistry (RSC) award and medal for his contribution to the development of computer-based instrumentation for analysis based on computers and robotics. He was elected president of the RSC analytical division in 1993/6.

In his retirement Bryan plans to continue his RSC activities and will also find time to enjoy his recently delivered Morgan sports car.

Off to pastures new



David Savage, commercial manager, UKAEA southern division, is leaving Harwell to take up a new position as director of finance at Reading University. At his farewell gathering at the Swan in East Ilsley, James Bretherton, director, UKAEA corporate services, gave a brief speech, recounting the highlights of David's 20-year career with the organisation and his last seven years at Harwell. As a parting gift, colleagues from all UKAEA sites had bought two watercolour prints by local artist, Ken Messer, and David also received a book on narrow boats and a video on waterways in the heart of England. Pictured here, from left, are James Bretherton, David Savage, Stan Gondeiler and Paul White.

South African visitors share common ground

Dr Waldo Stumpf, CEO, and Mr Lawrence Hyslop, commercial director, of the Atomic Energy Corporation of South Africa visited Harwell last month as part of a fact-finding tour.

AEC have split their operations into government and commercial divisions as UKAEA did in 1994 and are planning for the privatisation of the commercial division. The separation of AECAT from UKAEA and its subsequent privatisation is therefore of great interest to them. There is also opportunity for co-operation between AEC and both AEAT and UKAEA.

In the morning, Dr Stumpf described AEC's activities in their commercial activities in three areas: chemicals, nuclear technology and systems prospects. Opportunities for co-operation were discussed in the AEAT business areas of OSA and Nuclear Engineering. AEC are involved in developing the prototype fuel plant for the new

South African 100MW Pebble Bed Modular Reactor (PBMR), a SA utility, Eskom, project in which AEAT already has considerable involvement. Mark Davies of AEAT Energy is seconded to the main project team in Pretoria and AEAT has the design contract for the reactor internal structures as well as the supply of technology support in various areas. Mark is already using

In the afternoon, UKAEA explained the way in which the government and commercial divisions were set up within UKAEA and how AEAT was then privatised. Also discussed was UKAEA's approach to decommissioning and restoring the environment at its sites, calling attention to the strategic

Flags at half-mast

As a mark of respect following the rail crash at Ladbroke Grove on 5 October, flags at Harwell were flown at half-mast. One local person who boarded the train at Didcot and survived the crash unhurt, was Dr Elin Lees, former head of ETSU, who is now chief executive of the Energy Saving Trust in London.



Analytical services sold

AEA Technology has sold its £3.6m analytical services group at Harwell to a newly formed subsidiary of the Astera Group Ltd, called Harwell Scientific Ltd. The staff of 50 will transfer to the new company but will continue to operate from Harwell. AEAT will receive £2.2m for the business which operated as part of AEAT Environment in two management units, namely chemical analysis and radionucleide analysis, serving UK markets sectors including environment, pharmaceutical, electronics and nuclear. Companies in the Astera Group use the trading name Scientifics, operating at 13 sites across the UK. The £7m group has a staff of about 200, the majority graduates, and provides a comprehensive range of services in the field of scientific analysis.



From left: Judy Norris and Phil Holden (AEAT Nuclear Engineering); Dr Stumpf, Mr Hyslop, Caroline Goodfellow (AEAT International Business Development), Rick Woodbridge (AEAT OSA) and Brian Tomkins (AEAT chief technology).

UKAEA's approach to liabilities management. We were very pleased to be able to tell the South Africans about the progress we have made in restoring the environment at our sites and to explain our planning and cost estimating capabilities. We shall certainly be offering them further assistance in these areas, where we have adopted novel approaches.

Spreading the word

Harwell International Business Centre is an excellent location for science and technology-based business, not least because of the existing range of occupiers and the synergies that this offers but also the extensive range of support services and amenities. That's the message contained in a new Harwell marketing publication. It features a number of companies that have set up new research and development facilities at Harwell in the last year or so. The aim of the brochure is to develop the business base at Harwell by attracting new tenants. If you would like a copy please



contact Suzanne Ayres, UKAEA central property unit, 150 Thomson Avenue, Harwell. Telephone: 01235 434492 (H4492).

Out & About

The Lion, the Witch and the Wardrobe

By C S Lewis, adapted by Glyn Robbins

Sageflies present this tale of good against evil on 2, 3 and 4 December at 7.30pm, matinee performance on Saturday 4 December at 2.45pm, in Old Hill Hall, Grove, Taibet, priced £4 all concessions £3 (family ticket for two adults and two children £12) will be available from mid-November at the Arts in Grove and Westes Press in Warrington. Tel: 01253 720756 for information or advance bookings.

Images of tracks and trees

An exhibition of work in oils, water-colours and pencil by David Owen Stamp is on display at the Bowdler Centre on Saturday 2 November. Called "Tracks & Trees", it captures peaceful scenes from summer walks and lazy summer days. It runs until 21 November and the gallery is open from Wednesday through to Sunday, 10am-5pm, closed for lunch between 12.30-2.30pm. Call David Stamp for more information on 01253 817154.

Christmas craft fairs

Themes Craft Guild is holding a Christmas craft fair on Saturday 20 November in The Abbey Hall, Northwich. 10.30am-4.30pm with all adults 40p, accompanied children (under 14) free entry.

Another Christmas Craft Fair is being held on Sunday 21 November 1999 at Hagbourne School and village hall, East Hagbourne, near Didcot, from 11.30am-4.30pm, with over 70 stalls and homemade refreshments throughout the day. Entry is 50p (children free).

Romantic recital

Love and All That is the title of the recital by Julia Reynolds being staged Saturday 13 November at 7.30pm in the Church of St John the Baptist, Hillmington. Tickets are available from Hillmington (01235 762023).

Didcot Arts Festival

The festival opens with a bang on 6 November when Bleubury Brass Band plays at the annual fireworks display at Brasnose Park. During the next four weeks there is a packed programme of activities including workshops, exhibitions and live performances. Wildlife artist, David Shepherd is back by popular demand on Saturday 13 November. During the day an exhibition will be staged by David, which will include work with slate in aid of David's conservation charities. This is followed by an evening of discussion about David's many interests including art, conservation and steam engines. Entry is by ticket only. Contact Jennie Kilday for more details on 01235 818273.

Carving out a new millennium

Since retiring from his position as section leader in the AEA Materials development division at Harwell, Duncan Hughes has taken up woodcarving to exercise his practical, and creative, skills.

Earlier this year he was approached by the church of St John Vannary in Warrington about a life-size statue of the saint to celebrate the new millennium. Duncan decided that a life-size statue would be too



Duncan has now several prizes at prestigious woodcarving competitions and has carved the local Warrington Woodworkers Carving Club. This prize-winning relief carving depicts the home of Malchuswood.

large and heavy to carve in his small workshop, but offered a relief carving in English limewood, measuring approximately 6 x 3 x 4".

Much background research was needed together with scale models before the main carving could be attempted. The whole project took nearly 12 months to design and complete. The initial three hauls of timber weighed 25 stone and were reduced down to a final weight of 8 stone.

As well as the artistic decisions that Duncan encountered, there were several interesting engineering difficulties including jointing, warping and stability.



Duncan with his skilled carving which now graces the St John Vannary church in Chantford Road, Warrington.

Duncan made no charge for his work but asked for the proceeds from the project to be donated to two charities - the Royal National Lifeboat Association and the Migrant Trust.

New contractor at Harwell

The nuclear licensed site at Harwell has a variety of operating plants and decommissioning operations and a wide range of radiation protection instrumentation. Much of this equipment is unique and requires specialists to maintain it.

AWE Radiological Instrumentation Services (RIS) will be carrying out this work on UKAEA's behalf. Based at Aldermaston, RIS has a comprehensive capability including design, calibration and servicing. This is further enhanced by many other AWE services including the UKAS accredited Defence Radiological Standards Centre, Applied Dosimetry and Health Physics expertise. The AWE site is also nuclear licensed so AWE is well versed in the requirements of the NII Inspectorate.

The RIS group has served AWE since 1958 when instrumentation was not commercially available and it had to develop its own. The traditions of the early years are still practised today and the company now has



RIS staff, from left, David Baze, Elton Williams and Mark Tomlinson.

a proven and experienced team of about 50 scientists and engineers providing a full radiological protection instrumentation service. Their experience also includes monitoring for alpha, beta, gamma, neutron, X-ray and radioactive gas.

An AWE RIS spokesman said, "We were confident of winning the UKAEA contract because of our in-depth knowledge of the subject, the

Matching invention with commercial skills

No company has a monopoly on good ideas which can occur anywhere and from anyone. Foresight is a crucial process for monitoring new ideas wherever they occur - whether from people you know about markets, or those you know about technologies. Through Innovation Plus we are aiming to match inventiveness with commercial skills, thus creating a culture where exploitable technologies can realise their market potential."

This is how Peter Watson, AEA Technology chief executive, describes the core objectives of Innovation Plus, a scheme launched just over two years ago. Since then over 900 approaches have been made to AEAAT, with 200 being taken forward to a more thorough evaluation and, from these, 30 have been pursued further.

There is no shortage of bright ideas and, although publicity is carefully targeted to reach people in compatible fields, Innovation Plus received around 30 submissions a month.

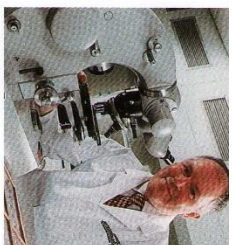


The innovation detectives. The Innovation Plus team of (from left) Teresa Statham, Wendy Mannix, and Lynne Davidson.

Rare moth spotted

Steve Hancock, an operator at the UKAEA's radioactive waste stores, B462, has spotted a less than common visitor to the Harwell site. Throughout the summer months he has seen a hummingbird hawkmoth (mercuriossum sceleratum) feeding on the lavender around B462.

Watching the insect hovering by a flower as it feeds on nectar, it resembles a hummingbird but unfolds a long tongue as a hummingbird uses its beak, to suck nectar from the flowers. Measuring about one and a half inches in length, the moth is brown and orange. It migrates from southern Europe, often flying 100 miles a day, some arrive every year in the south of England but rarely survive the winter. Steve last



Dr John Hart who believes AEAAT's involvement retained 3% interest in his work.

Innovation Plus manager, Lynne Davidson. "The approach is never wasted because we have excellent contacts within many industries and can refer the idea to the right person in a more appropriate organisation. Our backing will also give credence to the idea."

Many of the concepts involve highly technical processes and it is vital that we are able to understand every aspect and discuss the potential and the pitfalls - with the originator," says Lynne. "Again this is where support from across the business proves invaluable."

The Innovation Plus team of three includes Lynne, a chartered chemist, project manager Wendy Mannix, a bioscientist, and Teresa Statham, the team administrator.

Surprisingly about half of the ideas come from small to medium sized companies, which typically don't have the expertise or resources to develop a potential new product or venture. Individuals make up a further 22% of submissions, another 20% are generated by

For more details about Innovation Plus, contact Lynne or Wendy on H2013.





Rugby World Cup fever



Harwell Rugby Club has enjoyed a good start to the 1999-2000 season having won two of the four league games played, despite losing players to the Rugby World Cup (watching no playing unfortunately!) The club is hoping that the World Cup will heighten interest in the game and attract players into a Harwell shirt.

The new sponsors, pictured here are supported by Installation & Commissioning Rugby Club please come along to training on Thursday evenings at which regularly works for organisations on the Harwell site.

With the closure of the Social Club in December the Rugby Club is actively looking for

a new home to entertain opponents after the game. Many ideas have been put forward and a sub-committee called Harwell Rugby Club 2000 - has been set up to deal with the issues.

Being allied to the science and technology industry, the club is in the process of constructing its own web site and email address.

If you are interested in playing or supporting Harwell Rugby Club please come along to training on Thursday evenings at 7pm. There are plenty of opportunities to get a copy of our three teams who regularly turn out on Saturday afternoons.

Golf day drives up fundraising

After a cold and dreary day, Sandi Tolkey put her clubs into action last month in support of Culham-based Action against Breast Cancer by taking part in the inaugural ABC charity cup competition at Hinkley Heights Golf Course near Oxford. The event, which marked the start of breast cancer awareness month, raised £2,500 which will be used to assist ABC in funding plans to expand its diet and lifestyle study to Oxford's Churchill Hospital.



Sandi is a committed ABC supporter and took time out of her hectic work schedule to play her hole and attend the evening presentation. After handing over the winners' trophies she made a moving speech, calling on players to think seriously about the underlying reason for the day. "Like almost everyone in the country I have been touched personally by friends and relatives dealing with the impact of breast cancer. Their battle has made ABC even more important to me," she said.

In bright hot blustery conditions over a hundred competitors took part in the mixed foursomes stableford competition, vying to become the first names on the ABC cup. Afternoon showers and strong winds enlivened playing conditions and the honours went to a Hinkley Heights team.

Harwell exercise

Arrangements are being made for the rescheduled Harwell Active emergency demonstration exercise to take place on Thursday 20 January 2000. The exercise will run for approximately 2.5 hours during which time the site emergency hazards will be sounded, the gates closed and movement on site restricted. Please avoid this date when arranging commitments with external representatives as visitors cannot be guaranteed entry to the site during the exercise. Any existing commitments which cannot be rearranged should be made known to the emergency planning officer (fax: H2216) as soon as possible to enable special arrangements to be made if necessary.

Children's Christmas party

After the success of last year's party, UKAEA at Harwell has decided to hold another one. Once again the event will be open to all children and grandchildren (aged eight and under) of UKAEA staff and will be held on Saturday 11 December in the Harwell Social Club, starting at 3pm and finishing at 6pm. Entertainments will include face painting, disco, bouncy castle, party games, Father Christmas and tea, all for £2 per head. To book places please contact Trudie Evans, H2198, B175 before the end of November. An early response will secure a place.

Unexpected delivery

ECHO readers may have seen coverage in the press about a sample of plutonium in a transport container, which had been sent by mistake to Croft Associates on the North Culham estate. Staff at the company discovered the sample in the transport container, which had been returned to them for refurbishment.

The sample, amounting to less than a gram of plutonium in solution, was properly and securely contained and there was no release of radioactivity. It was subsequently transported to Harwell for safe keeping following consultation with the appropriate regulatory authorities.

Commuter survey

Due to considerable interest in the commuter survey, the return deadline has been extended. All staff at Culham and Harwell still have time to complete and return the questionnaire, and perhaps win £25! The survey was contained in last month's ECHO (October edition).

Christmas cards

A range of four ABC charity Christmas cards is now available which can be over-printed on request. Contact ABC at Culham on 01865 407384 for an order form.



ECHO

exchange

FOR SALE

BICYCLE CHILD CARRIER (Troxel), excellent condition (1999), £125 (post to be paid). £35 Also Big Red, red, blue, pushchair, blue/green, £5. R. 6894 or 01367

BMX BIKE GT Power Series Pro X1, size, all round, full gear, good condition, £200 only. RAJ.6592 or 01235

BOYS BIKE, Raleigh musing all terrain, 1 frame, 5 gears, £30 only. Tel: 01235 (home), 01235 (work)

BOYS MOUNTAIN BIKE, suspension - 15 gears, 20 wheel size, size 7 - 11 year old, good condition. Contact: KIM. After: £511 or 01235

CAMERA, Bionia ET155 - including back, w/ 75mm lens - excellent condition - £250 only. Please telephone 01235 for further details or to view.

CHILDREN'S BICYCLES, Girls' bikes, age 3-5, pink/blue, excellent condition, £20. Harolds Park, age 6-8, 3 gear, blue/red, excellent condition, £30. R. 6894 or 01367

CONSERVATORY, white aluminium single glazed safety glass, 2.7m x 3.5m with 50mm double glazing, 1200mm wide, £550. H5564 01488. diana@idirect.com

FURNITURE, Double (4' 6") bed base, 4 drawer chest with 1200mm x 200mm bed, 1400mm x 200mm, 4 light, 1200mm x 200mm, £20. Tel: 01235 or 05018.

GUINEA PIG BABIES, short and long haired, very tame, 4 weeks old, £10 (2 miles can be kept together). Helen C. 3873 or email: crows@compuserve.com or 01235

HITACHI 32" COLOUR TV, 2 years old, 3 year PlatinumCare warranty, lift, TV/video stand/cabinet included, remote control, Telex, 3D Surround Sound, Dolby, Prologic Stereo, AV & SVHS inputs, 2 SCARTS. Excellent condition, as new £295. Tel: 01235 (evening) or H3957 (daytime)

KITE, German wing kite by KITE, 180 x 80 cm. Glasts rods, storage bag, good condition, £40 only. R. 5258 / 84451

K2 LTP SKIS - 180cm, complete with Salomon bindings, (ideal for 10-12 year olds) £250. Contact: Chris White, Good condition. £150. Groupwise or 01235

LADIES/GIRLS RACER BICYCLE (built to order), 16" frame, speed, good condition, £40 only. Tel: Colin H2173 or 01635

PEDAL GO CART, 'Kicker', excellent condition, suit 4-8 year old, £40. Tel: 01235 (home), 01235 (work)

SOFT-BACK for Freshair, soft-back hit to transform a 3 seat-top. As new, still with box & requirements. £300. Tel: 01296

'SYMPHONY' solid oak kitchen with cupboard & base unit doors. Various sizes available £10 - £20. Also available for hire. Also table and chairs. Tel: 01235 or 01367

QUALITY second-hand furniture, brass, brass, linen, pictures, etc. £1235

ACCOMMODATION, bed and breakfast, £15 per night in private family home on terms. B&B social, quiet, convenient, parking, swimming pool on site only. Preference mature person, but no teenagers please! Call 01235

ABINGDON, 5 min walk from Abingdon town centre on the Cotswold Way. Clean, bright, overnight accommodation with tea and coffee making facilities and own bathrooms. Parking and own key. Monday to Friday £60 per person. 01235

DIDCOT (dayroom), single room to let. Full use of house and facilities. Parking spaces available. (except telephone). Tel: 07970

DIDCOT room to let, £65 pw inclusive of all bills except telephone. On A&M bus route. Tel: 01235

Adverts on this page are free to all staff at Culham, Harwell, JET, MIRC, Nirex, NRPB and RAL. Please submit your ad (30 words maximum) to the editor, Valerie Judd, by e-mail 665.33154, or by post to: Editor, ECHO, 8521, Harwell, Didcot, Oxon OX11 0RA. For next copy deadline see back page.

All ads start from Friday (reservations will be until for one month). Please include your ad to be repeated for one month.

Telephone prefixes are: Culham-Harwell, JET, MIRC, Nirex, NRPB, and Rutherford Appleton Laboratory.

MISCELLANEOUS

AROMATHERAPY treatments, Reflexology, Holistic Massage at The Minsters, Rowset, Mrs H. ITEC APTP 01235

COMPUTER TRAINING by experienced tutors, all levels of Microsoft Office, either on-site or in fully equipped Vantage training suite. Contact: Training Unlimited 01235 or

FOUNTAINS, self-contained, ideal for gardens and conservatories, £35 each. Pump included. Call 01235

KUMON MATHS builds confidence and concentration in children aged 5-16. The Kumon Abingdon Centre opens in November! To supercharge your child's maths performance, call Caroline (01235) or see www.kumon-abingdon@btinternet.co.uk

PARTY SERVICE, special occasion, balloon decoration service, for all your party requirements including: Balloon in a Box, delivery service, Call Pam at Pam's Party World. Vantage on 01235

SOUND CREW mobile disco. Quality sound. Lights, laser and pyros. All ages/occasions professionally undertaken. Competitive rates. Call Jon 01367

WATER BIRTH POOLS. Available for hire in Oxon and surrounding areas. Cost £65 for 4 weeks; fully inclusive of all equipment, rental for hygiene and comfort. Call 0181. Please quote OX2.

HOLIDAY ACCOMMODATION

FRENCH ALPS apartment in St Gervais close to skiing, ice skating, walking, also shops and all facilities. Sleeps 4-5, fabulous views, fully furnished. £400 per week. Phone Norman 01865

WALLINGFORD, large sunny bedroom in 3 bed house three quarters mile from town centre. Non-smoker, age 30 yrs plus. Use of cooker, fire/razor, £65 per week, room only. £75 room plus cont. breakfast. Electricity extra. Contact: 01491

WANTAGE, large room to let for single person in shared house in town centre. Ring 01235 or 0385

WANTAGE, bed and breakfast, large clean rooms close to town centre. Full English breakfast. Bookings and cost ring: 01235

MOTORS

AUSTIN METRO 1300 HLE. 5-7 year, red stereo & sunroof, 16 month MOT. Good condition, 4000 miles. Tel: Dawn on H5203.

RENAULT 5 1.1 D reg. 100,000 miles, 12 months MOT. Very good condition. £530. Phone Steve 01655

Last posting dates

First Class - 21 December 1999

Second Class - 18 December

Europe - 13 December

Rest of World - 6 December

For advice about courier deliveries from Harwell please phone the numbers below for confirmation nearer the time:

- Despatch/Import/Export H4 108/4102

- Post Room H5880/5732/4452