

Sabbatical Reports Thrown Out At AGM

The Annual Reports of the President and Deputy President were rejected by the IC Union Annual General Meeting yesterday. Objections were made to sections of both reports, which appeared in FELIX last week, and on the vote both were defeated.

Annual Reports are presented to the AGM each year by the sabbaticals and other Union officers. The sabbaticals' reports in particular normally form a permanent record of the year. The rejection of the two main reports is unprecedented and leave's much of the Union's work this year unrecorded except in the much shorter non-sabbatical officers' reports. President Carl Burgess announced his intention of not producing another Annual Report to replace the rejected one.

The major objections to the reports centred on personal comments about other Union officers by the President and DP. In the case of the President's report, criticism was made of his comments on FELIX and the Publications Board. Mr Burgess added a new section to the report toning down some of his comments, but Sarah Greaves still objected to its adoption. On the vote the report was defeated.

DP Dave Kingston withdrew sections of his report which criticized External Affairs Officer Grenville Manuel and Welfare Officer Pete Wilson. Its acceptance was nevertheless opposed by Mark Cottle and it was heavily defeated.

The report of Hon Sec Quentin Fontana was accepted without a vote after a few questions from the floor. Then the report of Academic Affairs Officer J Martin Taylor was considered. Carl Burgess objected to his comment that this had been the worst year for the Union in his seven years as a student here, and his description of the sabbaticals as 'the most incompetent, lazy and inexperienced leadership that I have ever seen'. However, the report was passed unamended by a comfortable majority.

The reports of the Internal Services Chairman the PG Officer, the Publications Board Chairman, the Rag Chairman, the RCC Chairman and the SCAB Chairman were all quickly passed. Objections were made to Welfare officer Pete Wilson's report, on the grounds

that it was a bad as Dave Kingston's, and it was defeated on the vote.

Earlier in the meeting the President presented Union General Awards to Sean Davies, Chris Hendy, Nick Shackley and Hugh Southey. This is the President's personal award for outstanding services to the Union. He also presented Social Colours to several members of College staff who have helped the Union during the year.

Elections were held at the meeting for Ordinary Members of Council, with Symon Corns and Jerry Hasnip being elected, and for a member of House Committee, with Alan Rose being elected. The meeting also passed unanimously a motion on Human Rights proposed by Christine Taig. Finally, Shaun Dunlop proposed a motion banning Barclays Bank advertising in Union publications, but as soon as he had finished the quorum was challenged. Since less than 300 people were present the

meeting closed due to inaccuracy.

Mr Burgess and Mr Kingston both stood by the comments in their reports when interviewed after the meeting. Mr Burgess pointed out that only the Pub Board section of his report was questioned, and that the rest was rejected along with this. He thought there had been a great deal of personal animosity in the Union this year, which he regretted. Despite the rejections of his report, he felt that he had done his job well, better than most people realised.

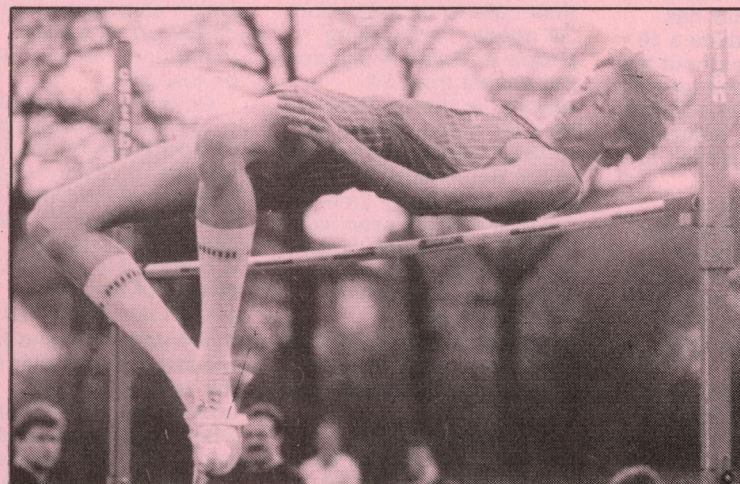
Mr Kingston said he had changed some sections of his report after discussing it with the people he had criticized. He found he had got some facts wrong and could not justify some of his statements, so he amended his report. He still stood by his report as amended. He too mentioned the high level of personal animosity this year, and felt that the sabbaticals were not respected by other Union officers.

2% Cut For IC

Imperial College will receive a 1.2% increase in its recurrent grant next year, says the latest UGC circular to Vice-Chancellors and Principals. This 'increase' is above average for the University system as a whole but represents a 2% cut in the purchasing power of the IC grant. The UGC were given a 3% increase overall for next year, but due to the rise in local

authority rates which constitutes an inordinately large part of the UGC budget, and due to other UGC obligations, they were unable to add more than 1% to the block grant which is distributed to the Universities. Sir Keith Joseph, former Minister for Education and Science, has said that

continued on page 16



High jumper Geoff Parsons competes at the recent ULU athletics championships at Motspur Park. Full details on the Sports Page.

FELIX The Newspaper of Imperial College Union



AGM

The AGM's decision to reject Carl's, Dave's and Pete Wilson's reports was essentially the right decision. There is no policy on what a report is meant to include. Half the reports this year were a list of personal opinions and the other half were factual. The AGM had to decide whether personal opinions were acceptable. It decided they weren't accounts of the year. It was then consistent in throwing out reports that were largely opinions. I'm not going to

attack Carl or the others for voicing their opinions in their reports. He made a decision about what he felt the report should include. He was prepared to say what had upset him. I hope that he and everyone else accepts the AGM's decision as laying guidelines for reports rather than being a personal attack on him or anyone else. Carl has done some good things and a lot of the bitching was unfair. I hope that people start analysing the successes and failures of the year rather than continue the

bitching that has gone on for the last few weeks. I also hope that no one presents an opinionated report at next year's AGM.

SALAD BAR

Mr Northey's new salad bar in the Sherfield is a really excellent development. I recommend you to go and try this place.

RAG RAFFLE

Would the following please go to the Union Office to collect their prizes in the Rag raffle: D Austin (Chemistry 1); Jon Slack (Chemistry 1); Y J Griffiths (Mech Eng 3); Louise Duffy (Chem Eng); Kevin Ley (Metallurgy); Russel

Dark (Chem Eng 1).

TIN

RSMU are organising a petition to save the Cornish tin mines. If you want to sign it or find out more about the tin miners problems go to your CCU office or to the FELIX office.

CREDITS

Thanks to Chris Edwards, Tony Churchill, Rosemary Hosking, Simon Lewis, Pete Wilson, John Burgess, Jim Clayden, Dave Rowe, Dave Jones, Judith Hackney, Sunny Bains, J Martin Taylor, Gren Manuel, Aeron Kotcheff and everyone I've forgotten.

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LETTERS

Disgusted

Dear Hugh,
I was disgusted by the comments of Carl Burgess in his annual report where he said that FELIX this year had not represented the views of the majority of students and that basically you were wasting your time and the Union's money producing it. If this is the case then why have so few people written to FELIX complaining about its content.

The people who work on FELIX are very dedicated and hard working and it is the first time in many years that a FELIX editor has managed to produce a 16 page FELIX throughout the year. If articles and letters do not get in then it is due to lack of space, and Hugh does his best to be fair to everybody.

Before Carl's other people slugging off other people he should put his own house in order as his main achievement this year has been to bring discredit to the College to the Union and to himself.

It seems that the reason for Mr Burgess slamming FELIX is because Hugh has made a stand against the Union's misconduct and Mr Burgess, instead of facing up to his mistakes, is

passing the buck and using Hugh as a scapegoat.

Finally all I can say is:
CARL GROW UP
Dave Thomas
Life Sci 1

South Africa Again

Dear Hugh,
May I reply to Alastair J Slimebag (FELIX 740). The mass organisations of the South Africa people (which, in the absence of any democratic mechanism provide probably the best measure of popular opinion) are unequivocal in their calls to us to boycott SA goods. The working people of South Africa do **not** benefit from SA exports: in the short term, they are paid just enough to keep them in the squalor of the Bantustans. In the longer term, every time we buy Cape or Outspan we prolong their suffering by strengthening those who do benefit from that oppression and exploitation. The boycott is the best way we have to help South Africans toward democracy.

Mr Seymour is depressingly close to the truth when he says that students tend to buy what's cheapest. Think about it-it's

hardly likely that such 'good value' comes to us because some South African fruit farmer decides to cut his profits it's just that labour comes cheaper when you can beat troublemakers to death.

If it weren't for my amazing tolerance and mild-manneredness (?) I'd join the bouncers at 'Bananas' in spitting voluminously and often on this Seymour wally.
Yours,
Pete Hobbs

Colours

Dear Hugh,
With the publishing of this year's Social Colour awards in FELIX last week, the annual, and rather distasteful, discussion as to who deserves, and who does not deserve Colours has ended again. I cannot help but wonder whether the whole business is necessary; what does the Union gain by awarding colours, and, more importantly, what could we be losing?

Colours are meant as a recognition by one's peers of work done for the Union and theoretically any member of the Union can nominate anybody else for Colours. In practise, however, it is those in charge of the various groups and clubs that do this nominating, and it is the same people that sit on the various Colours committees that decide which awards are made, and which are rejected. Any 'appeal' has to be made to Union Council, where we get the situation

that happened at Council recently; very heated attacks against nominations. I am not sure that it is possible to discriminate between this and personal attacks when you are at the meeting; what impression can you expect someone not at the meeting who only hears the 'gossip' to get?

The problem with Colours, or any form of peer recognition is that you have to be careful to keep personalities out of it. If members of the group begin to get the impression that they are not getting recognition because a small minority of their peers, perhaps the leaders, are holding personal grudges then any such system can only lead to bitterness and division. Unfortunately I think we have reached that state within the Union.

Even a club captain, with the best will in the world, can fall foul of this if they award Colours a large number of people, some of those awarded think that their award has been devalued because other members (who they think do not deserve Colours) have been awarded them. If you only award to a few, then those who miss out are upset. In cases like this, having a good intention is not good enough, fair play has to be **seen** to be done, and this is very difficult.

I believe we should seriously consider the future of the Social Colours system within the Union; certainly there should be a re-evaluation of the benefits and the drawbacks.

Yours,
Chris Martin.
DoC PG

South Africa Attacked

Dear Hugh,
I would like to comment on several remarks made in FELIX since my letter on South Africa in no. 737. Firstly, the comment that apartheid is not an extreme right-wing philosophy does not really stand up to any serious investigation. Take for example President Botha's two immediate predecessors, Henrick Verwoerd and John Vorster. During the last war, Verwoerd and his newspaper openly supported Hitler, and campaigned for South Africa to change sides during the war, and had links with the pro-Nazi 'Under the Swastika' group. Vorster, Prime Minister until the late seventies, was a General in another pro-Hitler group, the 'Ossewabrandwag'. These two men were two of the chief architects of the post-war apartheid. Perhaps Hitler was also an 'ethnic socialist'.

I was, within these hallowed pages, labelled an 'extremist' for my criticism of apartheid's 'reforms', especially of the abolition of the Pass laws. My belief that the 'orderly urbanisations' programmes replacing them was nothing more than a political sleight of hand was not actually an idea of my own invention, but was an opinion expressed in a Leader column of that well known 'Marxist' newspaper—the 'Jonannesburg Star' (8th April 1986).

Several reasons for opposition to sanctions have been expressed in recent weeks. One of these was a fear that sanctions would have a serious effect on other countries in Southern Africa. This is not, apparently, a fear shared by these countries themselves. At a meeting of the 'frontline states' of Angola, Botswana, Tanzania, Mozambique, Zambia and Zimbabwe in Luanda in April, they all called for the Western governments to impose comprehensive sanctions on South Africa.

I also think that the view that black South Africans have the highest living standard of black Africans is false. The infant mortality

rate, for instance, which gives some indication of the conditions in which black families live, is around 14%, and in some rural communities figures as high as 50% have been recorded recently, the majority of which are from things such as malnutrition, gastro-enteritis and tuberculosis—virtually unheard of in those parts of Africa not presently suffering from drought, yet South Africa is a rich agricultural country, able to export a wide variety of foodstuff.

However, whether or not they have the highest black living standard in Africa is not the point. The real injustice is the astronomical difference in that between black and white **South Africans**. That should certainly **not** be preserved.

Shaun Dunlop
IC Anti-Apartheid Soc

Canoe Defended

I am chairman of Canoe Club. Last week at the AGM of the RCC it was announced by Dave Kingston that certain of the most experienced (high spending) clubs are to be removed from any form of finance next year, effectively destroying them. We were given only 8 days notice to come up with justification for their existence (timely for the start of exams). Five outdoor clubs are on the hit list and their effective removal will further harm the image and strength of IC as a college with interesting and wide-ranging activities to offer. This sort of approach, if encouraged, is likely to continue.

We feel that this is not the way to produce savings if this is what the UFC (Union Finance Comm) requires. There was no consultation with clubs before hand to try and find other areas of saving, across the board. There is spending amongst clubs that can be eliminated without ruining the clubs. Higher annual club subscriptions would help too—this is not an unjustified request as price rises in subscriptions have not in general reflected the increased financial 'hardships' external to the clubs themselves.

Finally we would like to point out that Canoe Club

and the other clubs affected provide recreation that helps people to appreciate the outdoors which is valuable for such a place as London.

ND Boxall
16 Princes Gardens
London SW7 1NE

RCC Defended

Dear Hugh,
Now is the time of year that ICU and its officers (myself included) goes gently mad. For it is during this term, that we have to find our way out of the financial mess that next year's budget is in. The 'mess' this year is a budget deficit of about £12,000 for next year.

The major act of madness that Union Finance Committee (UFC) has nearly committed is an act of wanton vandalism of ICU's superb club structure. It has been proposed that the deficit should be made up by withdrawing finance from several high spending clubs. Within my committee, the clubs which have been named as possible targets for this

destruction are Balloon, Canoe, Caving, Gliding and Mountaineering clubs. These clubs, which include two of the oldest university clubs in their sports in Britain, are highly active with very committed and competent members. The expertise within these clubs has led to a number of first ascents of mountains by Mountaineering Club, the discovery and exploration of South America's deepest cave by Caving Club. The commitment of the club members is immense with individuals spending up to 30-40 weekends and £1000 a year out of their own pockets participating.

The alternative to this terrible destruction of clubs is an 'across the board' cut. This would spread the suffering, so that no one would suffer majority and lose their sport totally. The cut would have very little effect in real terms as it would be done on next year's estimates.

I hope for the support of members of Imperial College Union to fight this dreadful proposal.

Remember it could be your club next time.

Yours sincerely
Tim Palmer
RCC Chairman

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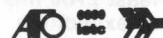
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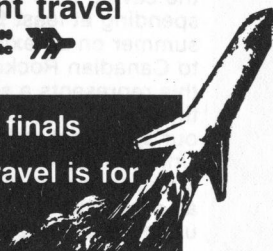
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Caving Defended

Dear Hugh,
We were greatly concerned to hear of a proposal by Dave Kingston to withdraw all funding from certain prestige Union clubs. The clubs threatened are rumoured to include Balloon, Boat, Canoe, Caving, Gliding, Mountaineering, STOIC and Yacht, eight of the most distinguished clubs at college. All of these clubs are well known outside College and bring good publicity for Imperial College.

These proposed cuts are due to the fact that next year's planned expenditure exceeds available funding by approximately £12,000 and rather than taking a fair cut across the board it seemed easier to close down certain selected clubs.

These threatened clubs have been given barely a week to prepare their case justifying their continued existence. Not only is this appallingly short notice but the timing of the announcement comes in the middle of many students' exams.

This planned drastic move would literally destroy the threatened clubs whose expertise and reputation has been built up over long years of dedicated commitment to their club and their sport by the many students who have been members of these prestigious clubs.

These clubs are as willing as any other to take their fair share of the necessary cuts in proposed spending, but removing funding and hence closing these clubs would leave substantial gaps in the activities available to students, making IC an even less attractive university for potential students.

An active member of the caving club would expect to spend in the region of £700 per annum on maintenance and purchase of necessary equipment, and term-time and vacation activities. Eight members of the caving club will be spending at least £700 this summer on an expedition to Canadian Rockies. To us this represents a serious financial commitment to our sport and withdrawal of Union funds would increase this burden out of all proportion and would undoubtedly put the sport

of caving beyond the reach of new College members. This would mark the end of a quarter of a century of caving at Imperial College.

For these reasons we feel these proposals are totally unreasonable and unacceptable, we hope UFC will see sense on this issue.

Yours Sincerely
Neil Pattinson, Richard Colcott, Dave Wilson

Balloon Defended

Dear Ed,
Imperial is one of only three colleges in Britain with a hot air balloon club. If Union Finance Committee have their way today there may only be two university balloon clubs next year.

At the RCC general meeting last week we were told of a crazy UFC policy to cease funding 'two or three' high spending clubs next year. There is a £15,000 shortfall in Union's grant next year!! Five RCC clubs (balloon one of them) have been put on a 'hit list' by UFC and we have had the grand total of eight days notice to justify our existence and stop this ridiculous UFC policy being approved. Why couldn't the clubs have been told earlier of the problems facing union in order to find a solution?

UFC have it in their minds that by denying activities such as mountaineering, canoeing, ballooning, caving etc, to students this financial problem will be solved. Only in the short term will it have any effect. By cutting a grant to any club the Union is stabbing itself in the back. College will see the Union's defeatist attitude as an opportunity to cut the Union grant in following years.

The clubs singled out for closure are amongst the most prestigious in College. Balloon club has existed for ten years, a relatively young club, and in that time many members have given valuable time to build the club to its present thriving state.

Balloon club is a fantastic advertisement for Union and for College. We have been INVITED to four balloon meets this summer, one of which is the Bristol Fiesta regularly attracting more than 100,000 people each year. We project a

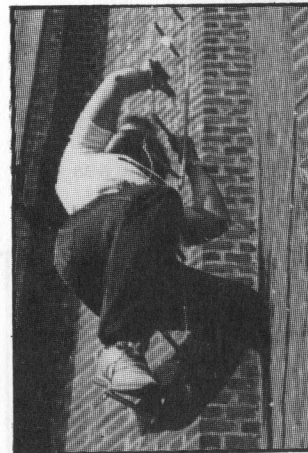
fine image of College, all over the country, unlike other 'elements' in College.

Our prestigious RCC clubs should not be forced to close. This policy is yet another sign of the decay of IC Union.

Mike Carpenter
Chairman Balloon Club

Mountaineering Defended

Sir,
At the recent Recreational Clubs Committee meeting (15th May) the five largest spending clubs per head (Balloon, Canoe, Caving, Gliding and Mountaineering) were asked to provide written justification for their expenditure. It appears that UFC is to consider axing the grants given to these clubs in order to rectify next year's Union budget deficit. This would be an



Mountaineering: under threat

effective kiss-of-death for those societies involved. Mountaineering has provided such a list of reasons for justifying our existence. I am sure these points are mirrored by the other threatened clubs. To prevent the disappearance of these points in to a web of Union intrigue and mindless bureaucracy, they are outlined below

1 One of the Union's primary aims is to give college students the opportunity of participating in activities in which they have not had, or will not have a chance to partake. The cessation of official club activities would not prevent previously active mountaineers from climbing but it would stunt the ambitions of many aspirant climbers, who had been assured of the presence of a mountaineering club by various union and college publications.

2 The Mountaineering Club is perhaps the oldest university climbing club in Britain with a 60 year history. During the period an excellent expedition record has been established. In the past two years the club has added major new routes in S America and S Africa.

These achievements have done much to project our college's image abroad. To stop such endeavour in an act of Dickensian penny-pinching would be tragic.

3 Our club is arguably the most experienced and active college mountaineering organisation in London. We have 25 Union members and about 15 non-union members (generally former student) who engage in activities ranging from Himalayan mountaineering to bouldering. Our commitment to the sport is high, an average member of the club probably spends about £600 per year of his own money on climbing. To say that these people could be accommodated in other college clubs is naive. An all encompassing outdoor club would be unmanageable and unsatisfying for a majority of its members.

4 The forthcoming installation of college's new £8,000 climbing wall seems an inappropriate time to propose the disbanding of one of the club's who are pledged to help maintain this facility.

5 As the outdoor clubs provide the bulk of the Union's transit van income (and manpower for running the RCC), I hope that UFC has not overlooked the possibility of stabbing itself in the back.

Thus I feel that to totally axe certain clubs is unfair, the load should be shared, we are more than willing to help, but we will not sit back as the death sentence is passed (with only 8 days between arrest and execution). Are certain Union notables to take on the guise of trigger-happy despots while the clubs and societies peer down the gun barrel? Whose turn would it be next year when another deficit appears? How long before the Union pushes it self over the abyss and ceases to serve any of its members other than a drunken clique?

Yours
Mark Dixon (Chem 3)
(The last?) ICMC President

(continued on page 10)

Small Ads

ANNOUNCEMENTS

●**Nell and Denise** wishing you both a very happy engagement party see you there! Best wishes Jim, Dave and friends.

●**UROP Summer vacation work on microwaves** in the college EE Dept. There is an excellent opportunity for a second year student to carry out a project in microwaves in the EE Dept. for 6-10 weeks in the summer vacation with payment at £70pw through a UROP bursary (tax-free). The project will use modern sophisticated measurement equipment and will involve writing and using software to process the results. Anyone who feels this field could be of interest to him/her could learn a great deal from the project. Interested students should apply to: Mr P R Masons, Room 1003, EE Dept (Ext 5191).

●**Last Chance!** Buy your raffle tickets now for the raffle for a guaranteed place in hall. Draw at 1.00pm Beit Quad Tickets from Union Office till 12.55pm.

●**For the first time this summer**, the Queens Tower will be opened to the public. Visitors will be given guided tours of the tower. As a result there are some interesting and unusual jobs going. We are hoping to set up a small team to run the scheme

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which will cover all the work involved. This will include manning a ticket kiosk/shop, and acting as tour guides, as well as dealing with money received for tickets and other sales and keeping the tower looking presentable. Wages will be £95 per week. There are also some jobs available working in the College gardens at the same rate. Application forms are available from the messenger's desk, level 1 Sherfield Building. If you have any queries please contact Michael Arthur, Room 537 Sherfield Building Ext 3017.

●**Finished exams?** Get fit and have fun-casual basketball. Mondays 5.30pm in Volley ball court.

●**Rag Meeting Today** 12.45pm Green Committee Room top floor of Union Building. All CCU reps to attend please and Rag Comm to decide on provisional Rag Week events/timings. Could all next year's CCU reps please attend also?

●**Fed up with revising?** Basket ball, Mondays 5.30pm at Volleyball court, will take you mind off it!

ACCOMMODATION

●**To let** 2 single rooms in shared flat from early July to Mid/late September-2 mins walk from High St. Kensington Tube, share kitchen and

Bathroom. Rent £38.33pw and bills. Ring Adrian 937 9231.

●**Large room** in a flat in East Putney; available from July and August. One person £38pw incl two people £28pw incl Phone 789 0817 for details.

FOR SALE

●**Twin tub Washing Machine** £20 Tel Anna Internal 3647

●**Gents Racing cycle** 5 gears, good working order, bargain at £50. Contact W G Morley Chem 3 or phone 385 8842.

PERSONAL

●**Robert Newton** is alive and well and living in Holdsworth's.

●**Steve Turtle** is feeling chesty-hit who is 'chesty'?

●**Come on Matthew**, get those legs shaved!

●**What a smell**, it's Martin Belle!

●**Andy Mason** is a boring fart.

●**How to solve** the union's funding problems, exhibit Dave Kingston as the world's largest plonker.

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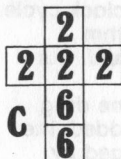
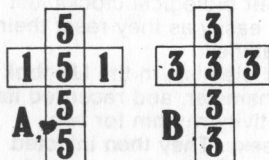
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Even dumber

There was a mistake in last week's puzzle; as set, it was impossible - sorry! The problem was to get three students, Dumb, Dumber, and Dumbest, down from the Queen's tower using a rope and pulley with a 30Kg rock as a counterweight. The weights of the students are 84Kg, 72Kg, and 36Kg respectively (not as stated last week). No climbing or pulling of ropes is allowed; the weight difference between the ends of the rope is all that can cause movement, and it mustn't be more than 6Kg or the students will come down to fast. The only other restriction is that no more than two people, or one person and the rock, can hold onto one end of the rope at a time. Answers, as usual, to the FELIX office by 1.00pm Wednesday.

Dodgey Dice-solution

This is one of those problems where mathematics defies intuition. Surely if on average dice A beats dice B, and on average dice B beats dice C, then Dice A must beat dice C. Wrong. Consider the following:



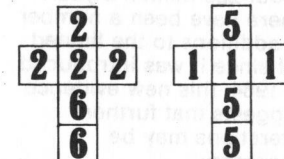
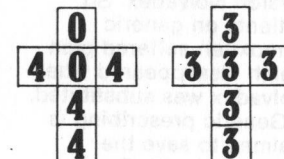
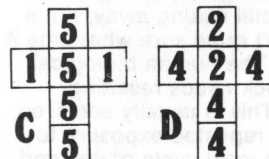
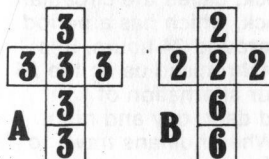
MEGABRAIN

Dice A beats B with odds 2:1, B beats C 2:1, but C beats A 5:4.

In the problem I asked you to invent four dice with this property. The only solution was entered by J Smith and D Chu, both Computer PG's.

A beats B 2:1
B beats C 5:4
C beats D 2:1
C beats A 2:1

Well done. If you include the value zero then it is possible to have all the odds at 2:1



Limited List Undesirable

Pharmacists at ICI, writing in the *Lancet*, suggest that the government's 'limited list' may be causing unexpected—and undesirable—effects. Under the limited list, or generic prescribing, general practitioners may only prescribe drugs by a general name, rather than by trade name, and then only from an approved list of drugs.

The studies were performed using the ICI drug Inderal, and its generic equivalent propranolol (used to forestall attacks of angina pectoris, a severe pain due to shortage of oxygen in the heart).

The ICI study shows the incidence of side-effects among patients using the generic drug is much higher than with Inderal. Two possible reasons for this difference are suggested:

- that the way the generic drug is formulated is more likely to cause side effects; or
- that the problem is not associated with any specific formulation but with a consequence of generic prescribing, namely, that patients may receive a variety of different products depending on what the chemist has in stock. It may be, they suggest, that repeated changes in the drug formula cause increased side effects.

Another report from doctors at Guy's hospital, published in the *British Medical Journal*, has shown that a breast cancer drug Tamoxifen may be less effective than the ICI version Nolvadex. Six patients on generic Tamoxifen suffered pain which disappeared when Nolvadex was substituted.

Generic prescribing is claimed to save the National Health Service about £25 million a year. There have been a number of additions to the limited list since it was introduced in 1984: this new evidence suggests that further alterations may be necessary.

Prof Pushpa At IC

On 16th May Prof Pushpa M Bhargava, Director of the Centre for Cellular and Molecular Biology Hyderabad and presently a

having a grasp of all the main areas in Biology. He set up the research institute at Hyderabad in 1979 and at present it employs 100

The Week In Science

Time Out Meets Tomorrow's World

visiting fellow to St Clare's Hall Cambridge, gave a lecture on 'Seminal Plasmin—A Potent Antimicrobial And Transcription Inhibitory Protein Which May Be Nature's Own Antifertility Agent'.

Prof Bhargava is an exceptional biologist

students scientists, probably being the largest research institute of its type in India (see *Nature* March 1984).

Prof Bhargava has published many articles in *Nature* on the subject of seminal plasmin.

His lecture dealt with the various properties of

seminalplasmin and their applications this being presented as a chronology of his research on the subject. The 2 key areas are

1 Its antimicrobial properties although this does not appear to be its major role.

2 It is a natural contraceptive There are 2 forms of seminal plasma and the relative concentration of the two seems to determine whether fertilization will occur or not. In humans and many domestic animals the fertilization rate is about 30%. The possibility of this research is that this fertilization rate could be increased and this would have major effects on artificial insemination of farm animals and for *in vitro* fertilization in humans (test tube babies).

This lecture showed the importance and need for pure research and that a lot of important research occurs outside the bastions of western universities.

Pill For Jet Lag



Recent research in the US suggests that benzodiazepine sleeping tablets may be of use in coping with jet lag.

Many of the functions of the human body are periodic: the body has a clock, called the circadian clock, which has a period of around 24 hours. It is synchronised using the 24 hour alternation of light and dark, day and night.

When humans travel to different time zones, the clock gets out of phase—it is still ticking away, but it isn't quite sure what time it is. The human biological clock needs resetting.

This is usually achieved by repeated exposure to the local cycle of day and

night—after a few cycles the brain accepts the shift in phase, and jet lag has passed.

The benzodiazepine drug may allow people to reset their biological clocks just as easily as they reset their watches.

Scientists in the US took a hamster, and recorded its activity rhythm for two weeks. They then injected the animal with a neutral substance at any one of eight equally spaced times in its circadian clock cycle. The activity rhythm continued as usual. But if 2.5mg of the benzodiazepine drug triazolam was added, the clock was changed by about an hour. The

hamsters bedtime—and all its other regular functions such as wheel-running activity—were immediately put back one hour, or advanced one hour. (The direction of the effect depended on the time of day when the drug was administered.) What is more, the size of the phase shift could be easily controlled, the scientists discovered, by altering the dose of Triazolam.

The implications for jet travellers are obvious.

The drug is thought to work by potentiating the action of the neurotransmitters gamma-aminobutyric acid, a widely distributed transmitter in the central nervous system

New Standard For TV

A Japanese suggestion to adopt a 1125-line standard television picture was put to the International Radio Consultative Committee this month. This would be a significant improvement on the 625-line system we use in the UK. The Committee has decided that the high definition system should not be adopted as standard there is no way of transmitting the signals; and no TV sets to receive them?

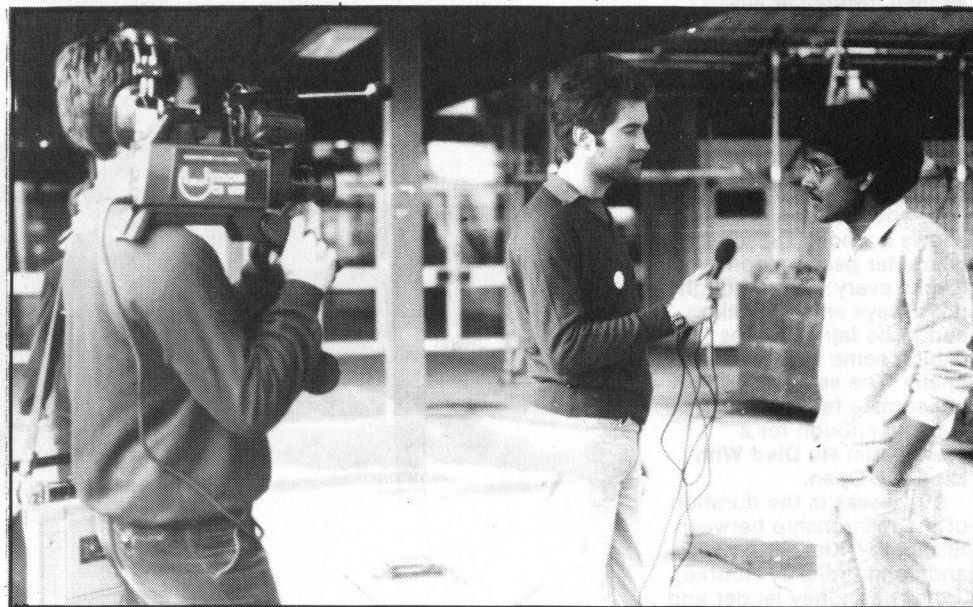
The proposed new standard works on 60 Hertz, or cycles a second. Unfortunately the electricity supply in Europe—and three-quarters of the world—works on 50 Hz.

Secondly, existing terrestrial transmitters could not cope with the high bandwidth required for the high-definition signal. A fundamental law of communication is Hartley's law, which states that the more information you want to send in a given time, the higher your bandwidth has got to be.

Existing TV bands are already crammed with visions, sound, colour and teletext information, and the new system would necessitate the use of direct broadcasting satellites.

But the main worry about adoption of the standard is economic rather than

technical—the European TV industry does not want to accept a standard that will guarantee the Japanese a monopoly in the market. The Europeans are also working on new systems of their own. Adopting the Japanese standard would render all current TV sets and recording apparatus obsolete.



Despite the problems, the high-definition system does have a lot going for it. It allows twice as many scanning lines, and more than four times as many pictures elements, as standard systems. This

results in a dramatically improved picture quality. The system permits ten times more colour information to be transmitted for each of the primary colours, giving much better colour hues and saturation on the screen. The new system would also have a 'Cinemascope' type screen with a width to height ratio of 5:3, compared with the present 4:3. The system would also allow stereo sound.

Like many technological advances, high-definition TV comes partly from spin-

offs from the computer industry: very fast microprocessor chips allow much easier manipulation of the video signal. There have also been advances in TV camera technology. High-definition TV is already being used to make programmes and record them. After editing, the images are transferred to 1-inch video tape for ordinary broadcasting on 625 lines.

The transmission of 1125-line signals to viewer's homes is still some way off, though research is under way in Japan to produce sets to receive the pictures.

How TV Works

TV cameras scan much in the same way as your eye is reading these lines: they scan from left to right, with rapid flyback between lines, combined with a slower vertical movement down the page. This is achieved in a cathode ray tube by applying a high-frequency time base horizontally, and a lower-frequency time base vertically. A spot traces out lines on the screen, and the intensity of the spot varies from point to point to make up a picture.

To cover all the picture elements, several hundred lines must be produced on the screen. In Britain the standard is 625 lines, and the complete picture is scanned 25 times a second. Now 25 pictures a second is a low enough frequency to cause visible flicker. To avoid this, the scene is actually scanned 50 times a second, first the odd lines only, and then the even lines. Although the picture frequency is really only 25 Hz, the time base applied vertically is 50 Hz—the frequency of the domestic electricity supply in most of the world except the US and Japan.

This division of the picture into odd and even lines is called **interlacing**, and each scan, of half the complete picture, is called a **field**.

Imperial College Women's Club

SUMMER DANCE

on Thursday, 12th June
at 170 Queen's Gate
7.30pm-11pm

Music by the Brunel Academic
All-Stars

Food provided by club members
Dress: Dinner Jacket or Lounge
Suit

Tickets from Mrs T Shaw, Min
Res Eng (or phone 560-1782)
Price £6 per person (incl. 1
glass of wine).

FELIX

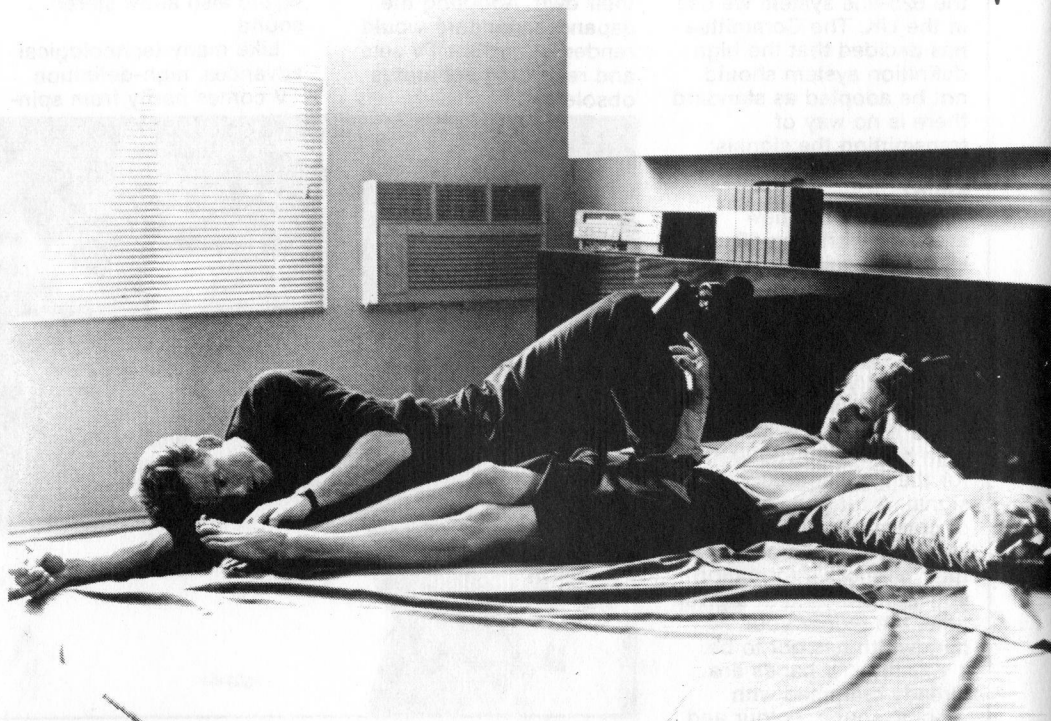
REVIEWS

Beautiful Baby.

This week's theme is women. Because films are largely written and made by men they often portray women, rarely the key characters in films anyway, in terms of stereotypes and all too frequently a misguided, misogynistic view this is. Two films released this week neatly illustrate common perceptions of women in film. The first, *9½ weeks*, shows a wholly subservient character performing her lover's every whim, though not always entirely willing, and to be fair she does exhibit some independence finally. The second concerns a femme fatale, suitably enough for a French film *He Died With His Eyes Open*.

9½ weeks is the duration of the relationship between Elizabeth, (Kim Basinger), and John, (Mickey Rourke). John is a money lender and his whole attitude is that of a calm, controlled man used to being very much in command, so much so that his relationships with women are sadistic, not that he subjects them to physical pain particularly, but that he humiliates them. His first sentences to Elizabeth are an ominous portent, whilst in an Italian restaurant he tells her of some of the Mafia killings that happened in the seat she is sitting. He enjoys provoking fear in his lovers and evidently confuses fear and sexual excitement (although they both have similar physical manifestation).

Because there is something in the relationship that Elizabeth wants she has to accept everything else that goes with it. Although she is a smart businesswoman who is too cultivated and too busy for most men, she finds herself intrigued by John. Slowly she lets him take more and more control over her, even in public, until the point where she has to decide between her self-destructive fantasies and maintaining her grip on reality.



The film is very good at showing the desires of the characters, showing both John's ability to control, and why he chose Elizabeth; how he knew she'd respond to him, "I saw myself in you" and Elizabeth's interest in power and it's symbols, for example using the

work, friends, previous relationships and by only learning about John through what he tells her the film itself tends to linger on the body of Ms Basinger and is very much from a male point of view, and this dichotomy prevents the film from becoming fully involving.

teller about himself and his childhood and tearfully confesses, 'I never counted on loving you so much', to which she replies, almost as hurt, 'It wouldn't be over until one of us said stop. You wouldn't say it'.

Both Mick Rarke and Kim Basinger have infectious smiles but, all credit to both the acting and the casting, Mickey Rarke's is that of a naughty little boy lost with a certain impending evil danger about it, where as Kim Basinger's smile is submissive and kissable, the sort that male fantasies are made of.

The director Adrian Lyne has a evident passion for films, 'I want to make films that linger, that audiences care about', and as with his previous film, *Flashdance* he shows an a liking for music which in this film is omnipresent, but not obtrusive. He also, along with cinematographer Peter Biziou has produced a film that looks wonderful, but I can't help feeling that there's something vaguely obscene about unpleasant activities beautifully portrayed. **Jim Clayden.**

**'Take off your dress.
May I blindfold you?'**
'What if I don't want you to?'
'You can ask me to leave.'
'I don't want you to leave.'

telephone as a device to emphasise the distance and solution of these two characters and also as a symbol of power and control. When Elizabeth is left alone in John's apartment, she looks around. Not unreasonable, but he then phones to find out if she's been a 'nosey parker' and reprimands her for so doing.

Whilst the story is told from Elizabeth's point of view, by revealing something about her life,

Although it has moments of great sexuality, passion and humour as well as unpleasantness, there is a certain detachment that prevents the audience from experiencing all the emotions that it should from this. Further, their attitude to John's sexual deviance is a little ambivalent, not to say ambiguous.

The ending however is very poignant, when he realises that Elizabeth is leaving him John begins to

La Cage is a music, light and costume extravaganza, entertaining with a visual display that makes the Lloyd-Webber musicals seem tacky by comparison. Arthur Laurents, the Director, who's written work includes **West Side Story** and **The Turning Point**, has recreated the stuff that the dream movies of the 50's were made of. If showbiz razzle is desired then **La Cage** will fulfil your every desire.

The story is plain enough, involving the love of man for man, George for Albin (Dennis Quilley, George Hearn) and it's effect on the love of man for woman, Jean-Michel for Jacqueline (Jonathan Morris, Wendy Roe). Centered around a Gay Riviera club, Jean, George's son, falls in love with the daughter of a reactionary politician. When the time comes for future in-laws to be introduced, Jean is adamant that his fiance's parents should not meet the two men who have raised him; his thoughtless attitude results in a multitude of problems for George who must explain to Albin why after twenty years he is required to leave his home; eventually Albin is ousted for a 'real' woman. However, at the last minute, total chaos results when she fails to turn up for the parental encounter. Albin initially saves the day by posing as Jean's mother, until inevitably he is found out by Jacqueline's father. Not surprisingly, as might be expected from any musical, all the problems encountered are worked

out by the finale, and those who deserve to live happily ever after, do!

'Our baby is getting married! Where did we go wrong...Snakes live man and woman together, Cats live man and woman together, **we** are humans!'

Quilley and Hearn are polished and understated, and avoid the pitfalls of stereotyping the characters they play. Particularly memorable is the moment where George tries to teach Albin how to be 'straight', although it seems that George's efforts are fated

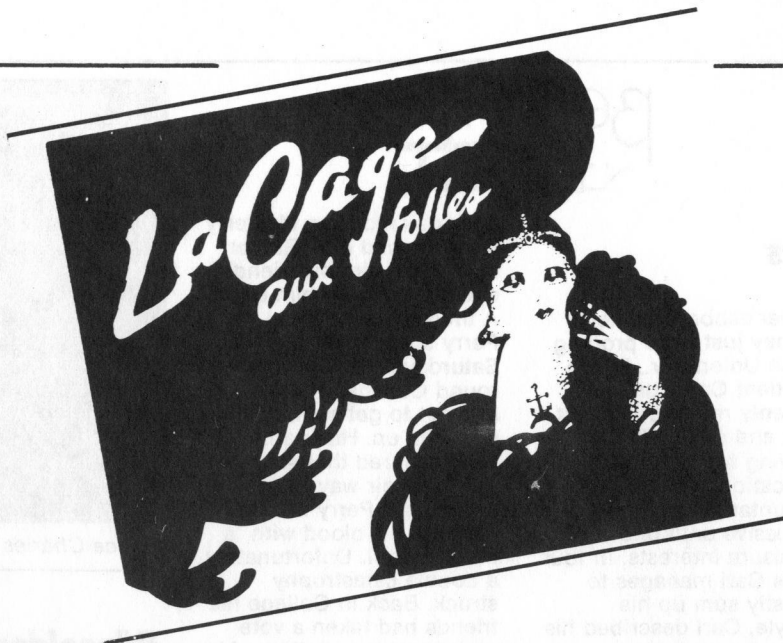
from the start!

The supporting role of 'Les Cagelles' (The Chorus) links the scenarios together with grace, and the entire 'Line' exude talent and energy. The question of their true gender is left until the finale!

La Cage is not a classic musical in the sense of **West Side Story** or **42nd Street**, the musical numbers are not of the same calibre. However, the costumes and sets are magnificent, and they must be seen since a description would undoubtedly not do

them justice. No expense is spared.

Although billed in some publications as a heterosexual love story, **La Cage** presents two middle aged people who have spend twenty years of their lives together. The core of this amusing musical is their love for each other. This does much to present a more positive image of a community that is constantly put down by the media. **La Cage** is a celebration of their emancipation.



Lovely Boys.

Simon Lewis goes to the London Palladium's screaming success.

Astounding Sounds.

Pete Wilson plays with the Yuppies new toys.

An Invitation to Windham Hill
(distributed by A&M)

I listened to it on my Walkman while going 'round Sainsburys. It was great; I felt like I was in a movie, and, at any moment I would crash my trolley into the girl of my dreams. Our eyes would meet and we'd have a whirlwind romance before one of us dying of cancer. And all the

time **An Invitation to Windham Hill** plays in the background. I didn't crash my trolley into anyone, but then how much can you expect from an LP?

Windham Hill began modestly in 1976, an artist owned record label releasing instrumental music which does not fit easily into the jazz, rock or folk categories. In 1976 one record was released in a pressing of 300. In 1985

Windham Hill realised sales in excess of one million.

An Invitation to Windham Hill is a collection of ten titles from seven of the artists currently on Windham Hill. Michael Hedges, who recently supported Suzanne Vega in London, deserves a mention for his 'unusual' guitar technique. According to Capital Radio he is going to be big in the UK. Also worth a mention is

Mark Isham and William Adverman, who started the label in the first place.

It is perhaps not fair to try to pick out high points of this album, as it is consistently good, consistently virtuoso. I hope we shall hear more of Windham Hill in this country in the future.

reviews

BELOW the BELT

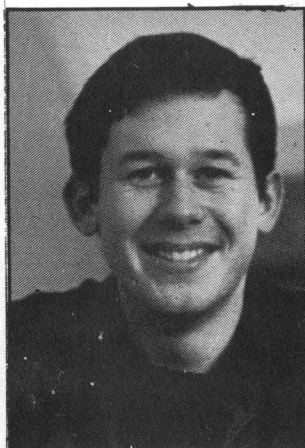
Jobs

Former sabbaticals never die they just keep proping up the Union Bar... Union President Carl Burgess suddenly realised this last week and decided to start applying for jobs. Carl's application to a well known accountancy firm looked impressive until one read his leisure interests. In four words Carl manages to honestly sum up his lifestyle, Carl described his leisure interests as drinking, womanising, curries and cinema.

Pissed

Failed RCSU presidential candidate Guy Perry spent rather more time at Silwood Ball than he had planned. When the ball ended on the

Saturday morning Mr Perry was 'crashed out'. Rather than wake him his friends decided to leave him there. A tired and emotional Mr Perry spent most of Saturday afternoon ringing round College in an attempt to get someone to pick him up. Having finally been assured that someone was on their way to pick him up, Mr Perry decided to dilute his blood with a little alcohol. Unfortunately a double catastrophe struck. Back in College his friends had taken a vote and decided to 'tell him his not worth the petrol it'd cost'. Back at Silwood Mr Perry's attempts to get pissed were failing because he'd drunk most of a bottle of Grenadine before realising that it is non-alcoholic syrup. Eventually Mr Perry had to go begging the money to enable him to catch the last train back to College.



Prince Charles



Dave Jones

Düsseldorf

Hugh Southey and Dave Jones' trip to Düsseldorf appears to have been quite a freebie. The more observant Union hacks will have noticed that the cards sent to places like the Union Office had pictures of Mönchengladbach rather

than Düsseldorf (Mönchengladbach is half an hour from Düsseldorf by train). They also returned with tales of a massive piss up in Düsseldorf on Saturday night when Dave Jones was propositioned by an eighteen year old but couldn't work out what was going on as he didn't speak German (weak excuse) and Dave was accused of looking like Prince Charles by some German students.

LETTERS

(continued from page 4)

A Transport Officer Writes...

Dear Hugh,
At the Recreational Clubs Committee (RCC) meeting on Thursday 15th May, plans were revealed for Union Finance Committee (UFC) to suspend grants to several high spending clubs next year. Clubs named were Balloon, Canoe, Caving, Gliding and Mountaineering. This action is designed to save the Union £12,000; however, the removal of finance from these clubs is synonymous with killing them off, since it becomes impossible to operate and to attract and train new members without adequate finance.

This action will, in addition to leading to the rapid demise of some of the most active, successful and prestigious clubs, and have other undesirable results.

1 Four of the five RCC

clubs named (Mountaineering, Caving, Canoe and Balloon) are the major users of the transport system. The removal of funds to these clubs would lead to the loss of over fifty termtime weekends of use; about two months of Easter and Christmas vacation usage and up to four months of summer vacation hirings. This would represent a loss of revenue to the union of the order of £7000 to £8000. The Union can only offer it cheap hire rates on the basis of heavy usage of vehicles, and not allowing them to spend most of their time in the parking lot. Such a reduction in revenue and demand for vehicles would lead to a sharp reduction in the fleet size to one or perhaps and the most two vehicles.

This would result in a large reduction in vehicle availability to both weekend and midweek users and would inevitably lead to much more expensive charges to other users (£40 for a single day plus 15p/mile for outside hire compared with £18/day plus 5p/km for ICU vans).

This would inevitably lead to much greater costs of many other Union clubs and is undesirable. Further, the opportunities for tours to the continent would be reduced as outside hire firms rarely allow their vehicles to travel abroad.

Many users would find themselves unable to obtain transport at short notice. The implicit usefulness of a Union transport fleet in uncharged services such as transporting goods, members of the executive and council to Silwood etc would be greatly reduced.

If this abhorrent policy of saving money by axing clubs is adopted, budget short falls, on the same basis, would kill off other large transport users in later years and quickly lead to the Union being unable to run any vehicle. Thus this short-sighted policy would lead to a massive loss of utility to the whole Union.

Further, RCC have traditionally provided people to help maintain the transport system, since for historical reasons vehicles originally belonged to RCC and not to ICU. This proposed UFC policy could easily lead to no people being prepared to run the transport system in a reduced form.

2 It would lead to a lower number of applicants to IC

because of the resultant poorer club structure. Many people in the past have been swung in their decision to come to IC by its superb club structure. 3 It would change the ethic of a student Union away from its acknowledged role of providing students with the opportunity of acquiring useful skills in new sports, recreations and pastimes. All of the clubs threatened make an excellent contribution to training people in new sports that they would otherwise have been unable to try. This range of opportunity must be preserved and not killed off because certain Union officials decide to take action against societies who are not well represented in the bureaucratic circles of the Union. It would be a much more honourable and responsible choice to distribute the expenditure reductions across the board and allow all activities to continue.

Don't let the UFC destroy your Union — oppose the move to take away finance from any club.

Yours faithfully

JJ Hasniç

ICU Transport Officer

1985-1987

RCC Transport Officer

1985-1986

Mountaineering Club Vice-President 1986-1987

Where's It All Gone

Yup, it's that time again. You look at your bank balance, then work out how much money you have spent this term and think 'where has it all gone?', External Affairs Officer Gren Manuel conducted our very own IC Union survey last term, and using the results of this and that wonderful CDC computer has found the answer. All is revealed in his personal commentary.



A few weeks ago I commented on a survey made by the University of London on income and expenditure of students in the whole of the University. Now its time to narrow the field down a little and present the results of the survey done on students at IC.

About 500 forms were sent out, that's to 10% of College. I got about 100 back (thanks to those who returned them, to those who didn't: don't complain that IC Union doesn't care what you think).



Rent: Rents averaged £27.33 per week. For many of these figures I computed separate data for home UGs—this is not because home UGs are more important than other students but to enable some objective assessment to be made of the Government grant. Home UGs living away from home averaged £29.33 per week. The London UG grant includes £21 for rent. In



Government policy: who cares?

fact only eight people were living in accommodation costing less than £25/week. Although the figure is meant for guidance only, it is clearly too little. In fact only the availability of cheap College accommodation, in particular in Evelyn Gardens, prevents this figure from being a lot higher. In the private sector £30 is the usual rate, with many paying more. That should keep the Housing Benefit people busy (incidentally I've just received my Xmas HB—is this a record?)



Other Spending: Mr/Ms normal student spends £14.40 on food (which, according to my calculations will buy 3 burgers per day from the Union Snack Bar). Therefore food and rent for the home UG make up nearly £45 out of a £60 grant per week, with clothes, entertainments and travel yet to come.

Entertainments averaged £10.40 (which includes sports etc as well as the more obvious beer and fags).

Spending on clothes averages £3.20 a week (although a look at any group at IC students makes this figure seem impossibly high), and on textbooks is £1.80/week.

Travel is more tricky. Many walk or cycle of course and so incur no travel costs above shoe leather or the occasional new set of tyres. The average cost of travel is £2.55. For the 39% of home UGs who incur travel costs the typical amount thrown down the drain is £6.08. Some of you may remember that once upon a time home students could claim travel costs above £50/year from their LEA. This was replaced two years ago with a flat once only increase in the grant of £110. Since then grants have risen 5%, while fares (in London) rose by more than this in last January's increase.

The flat increase in the grant was fairly small anyway, but the excuse of 'reducing administration costs' no longer carries any weight. As was predicted at the time the government just wanted to save some cash by cutting the standard of living of students.



Benefit: It is interesting that of those eligible (home students) about half claim housing benefit). The Government is attempting to change the rules regarding HB (translation: make you poorer) at the moment, with those not living in College accommodation losing about £150 in a year on average it will be interesting to see if pretence at fairness lasts for as long.

There was quite a bit of other info gleaned from the forms about IC Union's priorities etc but you're all dying to finish this piece and get on to the film reviews section, so I'll stop.

Needless to say that the whole point of the survey was to try and get IC Union more responsive to its members preferences, and more able to represent their interests. If anyone has any questions on the results then please seek me out (please someone ask me something) or I will be only too pleased to send anyone who wants one (staff or students) a summary of the results.

EUROTRAIN

RAIL TRAVEL FOR UNDER 26's

LOW COST

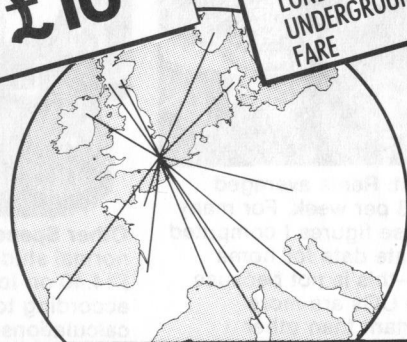
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IN 23 COUNTRIES

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at your local student travel office.



LONDON STUDENT TRAVEL

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TELEPHONE 01-730 3402



BOAT CLUB

Ghent Tour Successes

Crews from Imperial beat international standard opposition from France, Germany, Belgium and Britain, to bring back a gold, silver and two bronze medals. This is a remarkable result and is unprecedented in the club's history

The whole tour started out more disastrously. To make the ferry to Dunkirk we needed to be at the boat club by six thirty in the morning. When the coach arrived we were surprised to find that it had metamorphosed from the luxury coach with video, toilet and reclining seats that was promised to a scrawny 'Fortune Travel' coach, with no amenities and quarter sized seats. Naturally we totally believe the drivers story that the promised coach had been 'vandalised'.

It was raining in Belgium when we arrived and the radioactive drizzle hardly stopped—but that didn't stop us all from being

suntanned—thanks Uncle Gorbachev.

Lightweight Coxless four
The members of the lightweight coxless four had considerable difficulty making the weight. Their first weigh in revealed that they needed to lose three kilograms, before averaging under 70kg. After a run in extra kit they managed to sweat off the surplus, but were by this time looking horribly emaciated. After such trauma the crew were delighted to pick up the gold medal on Saturday-beating crews from Germany and Holland. The second day's racing brought them a further bronze medal.

Coxed Four
By contrast to the

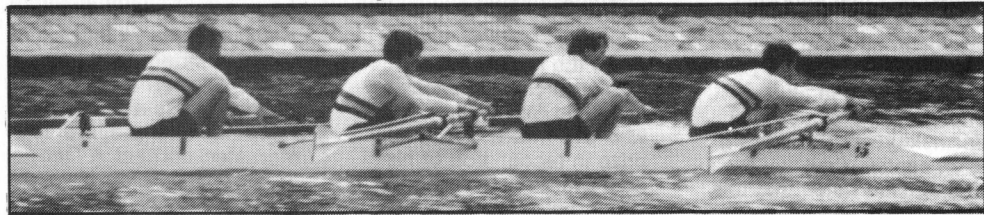
lightweights, the heavyweight coxed four believed that their performance was marred by their requirement to race early heats before breakfast. I don't think its quite so simple: the continental breakfasts with which we were provided were so unappetising that only Vince 'Dustybin' Roper was able to manage two, and even he is suspected of ulterior motives. As is often the case with Vince there may have been a woman involved. Despite their severe breakfast deficiency the coxed four still managed convincingly to win their heat and gained a silver medal losing only to a crew from the German national squad. As with the lightweights they also won a bronze on the second day.

Heavyweight Coxless Four
The problem with the coxless boats is their erratic steering and it was a tragic case of bad steering

that spoiled the medal hopes of the heavyweight coxless four, and that found them attempting to row on dry land.

Eight
The second eight, if nothing else, made a positive contribution to international detente. They suffered a series of disasters leaving them two men short at Ghent and so were forced to recruit from the pool of international oarsmen, who had finished competing for th day. They were very lucky to find a Dutchman, who being unable to speak English, was unaware quite what was required of him and after the race was unable to voice his opinions of their rowing. This as it turns out was a good thing, because the eight didn't exactly win.

The tour was enjoyable and worthwhile. It was pleasing to see none of the drunkenness associated with British sports fans abroad.



ATHLETICS

London Colleges Championship Victory

No mistakes on selection were made this year by the Athletics Secretary in sending a virtually full Imperial squad to London Colleges Athletics champs at Motspur Park on Tuesday and Wednesday the 29th and 30th April. The overall performance was exceptional and everyone in the squad pulled their weight.

For the ladies, Imoni Akpofure came third in 100/200m finals (13.6/28.8) finished 6th in the 100m hurdles final and jumped 1.40m in the high jump for 5th and good points-the first six in each event scoring. Louise McKeown came 6th in the ladies 800m and Jane Murphy threw the discus nearly

18m for 5th. In the ladies 300m Kate Spence ran particularly well in rapidly diminishing light for second place. Jo Savage yet again proved invaluable for the ladies with a 1.50m second place in the high jump, 4th in the 100 hurdles final and 6th in the shot.

The mens' team was by far the strongest for years. Although a couple of people were injured. In the sprints we again had a display of the Nehinda law of motion and training, namely the less training you appear to do the faster you go with a valiant attempt at the 'sprint double'-1st in 100m (11.2s), 2nd in 200m(22.8s). Bryan Gamblin was deprived of medals in the 800m (1:57.9), 1500m (4.13.8) and 2000m steeplechase (6:29.8) coming second each time to UK 5000m man Mark Scrutton as was Gavin Waterson in 3000m (2nd: 9:07). Doing a good supporting role to these men were Mike Jones (6th, 400m), Trevor Shaw (4th, 1500m) and captain Jon Lea (3rd in both 2000 s/c and 3000m). Pete Sedders carved a new niche for himself in the 110m hurdles

which he won whilst doing his usual sterling work in the field with a 2nd in both Discus (31.28m) and Hammer, 4th in the Javelin injuring himself in the process, and a win of 10,66m in the shot. Chris Owen supported well in the Hammer with a third. In the 2000m Walk Chris Wheedon walked away with it (*sorry Ed*) and John Pope did the secretaries job getting good points for third place. The triple jump proved quite strong this year with R Johnson gaining only 4th for a jump of 12.56m which has been known to win the championship before. UK Ranked Long Jumper Denzil Nicholson showed his class leaping over a metre further than his nearest rival with a jump of 7.13 metres.

Finally, the team was complete with a guy who is probably closer than anyone else will be to human powered flight in this country for a long time. Geoff Parsons, UK indoor and outdoor record holder who only recently improved his outdoor best by 1cm to 2.27m at Crystal Palace scissored over 2.00m, casually leapt 2.20m to set

a Motspur Park ground record and made a good attempt at 2.27m on a relatively poor run up surface. To add to this, he jumped 13.76m in the triple jump for a clear second and finished 4th in the 100m.

Many thanks are due to everyone who took part—every single person was invaluable. Good luck for the you-know-whats and see you next year!
John Pope
Athletics Sec

Results

Ladies 14 teams

1. Guy's 48
2. St Thomas's 41.5
3. Goldsmiths 33
4. Imperial 28

Men 17 teams

1. Imperial 105
2. St Thomas's 63
3. Goldsmiths 55
4. Guy's 45

Overall 19 teams

1. Imperial 133
2. St Thomas's 104.5
3. Guy's 92
4. Goldsmiths 88

What's On



Today

1800h

53, Princes Gate (Music Room)
Prayer and Fellowship
 organised by the Christian Union.

Saturday

1000h

Concert Hall
 Opsoc set building.

Sunday

1000h

Concert Hall
 Opsoc set building.

Monday

1930h

53 Princes Gate (Music Room)
 Opsoc principals rehearsal.

SWIMMING AND WATER-POLO

Annual Report

At the AGM held on Wednesday 14th one of the most important points noted was that although competitive success had not been frequent in the last season there had been a notable rise in club morale which bodes well for next year. The retiring club captain Paul Richardson noted that this was evidenced by a larger core of members who attended training sessions regularly, unlike the previous season at which point it was thought the club would fold.

The most notable swim of the year was recorded by Dave Brocklebank in the ULU championships when he lowered the university record to 72.45 for the 100m breaststroke. One other notable result was Imperial's eighth place in the UAU Mens Long Course Championship held at Blackpool. Our outstanding event was the 4x100m relay in which Ian Riddle, Dave Brocklebank, Rob Eastman and Graeme Johnston came sixth overall, beating arch rivals Loughborough. This result was enough to relegate a stronger UCL team into tenth place in the entire event which was eminently satisfying for our five man team. Due to the lack of swimming competition no colours were awarded.

The water-polo team were the most active side of the club this season, reaching the finals of the UAU championships and finishing fifth in the country with a depleted side. Throughout the university season as well as the

Middlesex League we have shown that we have the talent to succeed if not the finishing touches or consistency that is required. Next year should prove the testing ground with several players leaving including Rob Eastman who was awarded a special prize in recognition of his help with the team and the gaining of his first English International Cap. The new captain, Dave Wall, noted that club confidence was rising and this coupled with a good season would pay dividends in the long run.

To emphasize this point the water-polo team thrashed the national Royal Navy side 13-7 last Friday proving to all critics that the club as a whole is in the ascendent and looking forward to a very prosperous new academic season. Early on the writing was on the wall for the Navy side as Imperial pulled away steadily leading 6-2 at half time from goals by Rob Eastman, Steve Davis and Paul Richardson. Although the navy tried to consolidate serious holes in their defence were consistently being punished by Johnston and Williams with the finishing power of the Spooner twins overwhelming the visitors in the second half.

The following colours were awarded to the water-polo team:-
Half Colours Jim Crowder,
Full Colours Steve Davis, Paul Richardson, Dave Brocklebank, Graeme Johnston, Rob Eastman, Nigel Williams.

STAFF CRICKET

Here It Is Jim!

IC staff cricket club (ICSCC) began their defence of the Mid-Kent County Championship with a narrow win over Bridon at Barnehurst. ICSCC elected to bat but high winds and lack of match practice contributed to a disastrous batting collapse which found them at 21 for 6. Only an excellent 87 run partnership between K Buckley and A Dengel saved the innings. Bridon threatened to overtake IC easily after a brisk start, but accurate bowling by J Baben and the fielding of C Gordon off M Masento retrieved the match. Bridon's innings was closed when R Blench, a name to watch in the future, uprooted Maitlands middle stump in a race against deepening gloom leaving ICSCC winners by 14 runs. ICSCC is open to all staff and postgrads at IC and welcomes new players. If interested contact A Dengel int 4637

ICSCC 143 (K Buckley 59, A Dengel 41, Collier 5-27) Bridon 129 (Mace 34, J Baden 4-12, M Masento 3-32)

CYCLING

Revision And Punctures

Most of Cycling club are currently busy revising for exams, but never-the-less two members competed in a 25 mile TT last Saturday, in an event organised by Southend and Country Wheelers, at Witham, Essex. In overcast conditions, but on mainly dry roads, Wayne Morley achieved a time of 1 hour, 5 mins and 57 secs, beating his personal best by almost three minutes. Matthew Whitaker punctured just after the start and so produced a time of 1-17-04. The event was won by D Bedford of Wigmore CC in a time of 1-0-28. Scott Heyhoe and Peter Hartigan were also in action last Saturday, competing in a 49 mile road race at Hedgeley. In appalling conditions however, both riders were forced to retire early.

CHRISTIAN UNION

In On The Action

As Christians we believe that God has told us to get involved in what's going on around us. So, this term we've spending our Friday evening meetings looking at 'mission'—what Christians can and should do in a practical way. We began by considering the general call God has made that we should be working for him. Then we had a speaker from TEAR fund—an international agency for relief and development. Then someone spoke on the problems of inner cities in Britain and what can be done. Last week our speaker was from an organisation who work in evangelization behind the iron curtain.

WINE TASTING

Plonk!

Although the Society has finished this season of tastings, I am hoping to run a few more tastings this term and through summer on a smaller, more informal basis. Numbers will be strictly limited to 20 as there is invariably only one bottle of each wine available. These tastings will not be subsidised and because the wines on show will be in the £5-£120 range the cost will be around £4 unless otherwise stated. Tickets will be sold in advance as there is a limit on numbers and they will be available from me in Biochem rm 103. They can be reserved for 24 hours, in advance, by phoning ext 4114.

If this ticket system doesn't work an alternative approach will be adopted, but it is necessary to have exact numbers.

The Programme is as follows;

June 3rd Fine Italian Wines (guaranteed no methanol) Including 2 x '71 Barolo '58 Barolo etc.

June 10th St Emilion and Pomerol range of vintages from 2 chateaux incl 1985 cask samples.

June 17th Chateau Chasse Spleen Vintages 1976-1983 plus 1970 do not miss.

Mark Masento

'The rhythm of Jazz is against the normal psychological needs of man'.

HOW TO DISTINGUISH DECADENT SONGS—The Peoples Music Press, Peking, China

Capital IDEAS

Something odd is happening to my bathtub. I mean its clean and everything, Flash took care of that, and the soap is still in the soapholder that my aunt gave me when I went camping in Boliva, and as far as I can remember the hot tap is still on the left and the cold one still judders when you in turn it on, but the overflow; the overflow plays a saxophone. I thought it was my downstairs lodger at first. I went down and asked him whether he could turn it down a bit, but he said his toaster plays the trumpet. It can't be the rats in the attic; they only like Wagnerian operas. Its not only the bath, either; my razor whistles Miles Davis tunes and my toothbrush is starting to do syncopated rim-shot riffs on the edge of the tooth-mug where my neighbour washes his brace in Steradent. I caught them all tap-dancing in the basin this morning. I told them all that if they didn't behave I chuck them all out and wash in the kitchen. I don't think they got the message though. Have you ever tried reasoning with a toothbrush?

Maybe I'm just not getting enough sleep. With the Fourth Annual Saxophone Festival at the Bloomsbury Theatre all this week I've getting to bed quite late. Only two days to go though. Little can beat the collected plumbing of the Loose Tubes, playing with the Sean Bergin Trio tonight at 8.00pm Five hard and fast horns pitch battle with a receptive audience, showering them with hot and cold running riffs. Bring your lufer. Saturday is Charles Austin Day. A talented flautist as well as saxophone player, he takes part in an improvisation masterclass with John Surman in the afternoon, and teams up with the New Orchestra at 8.00pm featuring the much acclaimed keyboard work of Django Bates. Seats at £3.50 (concession). Bathtubs not admitted.

If you hated Absolute Beginners as much as I did, you'll be as pleased as a porcelain punchbowl to know that Moontwist are trapped in the basement of the Rock Garden tonight, and won't be allowed out until three in the morning, when all decent minded people are safely tucked up bed. This jive-based collection of youths, led by the sort-of-dulcet tones of Ruth Rodgers-Wright, tucked away a nice little earner with 'Sight and Sound' earlier this year, (now conveniently lost somewhere down the back of my bookcase). Nice groundwork, it must be said, but they do go on so.

To be sure, I shan't be short of a light catching the night bus home on Monday night either. The Terence Higgins Trust are holding a candlelit vigil for victims of AIDS, gathering in Trafalgar Square. A staggering 1.7 million people are carriers of the AIDS virus; upwards of 10 to 15 percent of these will probably develop the disease. The death rate is about 100%. Bring care, concern and a candle.

Frighteningly close to the Cornflake shop lies the Paramount City cabaret, Great Windmill Street. Billed as 'The Alternative Variety Show', the line up for this week is as follows: Richard Digance on Thursday and Friday; Richard Digance over the weekend and starting the week (as you mean to go on), the amazing Richard Digance will be your host every night until Wednesday, joined by Arthur Smith (of Channel 4 fame) to take the edge off a bit. Hot, sweaty, pricey and as alternative as my bathtub.



2% Cut For IC

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pressure will be taken off the Universities in future, however they would have to suffer this year.

Maurice Shock, Chairman of the Committee of Vice-Chancellors and Principals, in reply to the UGC letter, expressed his concern about the latest round of cuts. University grants have, he said, declined by 20% in real terms since 1980 and cuts could reach a total of 30% by the end of the decade. This roughly concurs with the prediction of the Rector, Professor Eric Ash, of a 10% cut for IC over the next five years, as there is now no reason to expect that IC will get any special treatment from the GUC. Mr Shock also felt that a more longterm approach to Higher Education should be taken by the Government. For the present, however, he summed up the situation by saying, 'no university is going to be better off next year'.

Hammers Slammed

Workmen in Falmouth Keogh Hall have been banned from hammering and structural drilling until the end of the exams. The ban follows a sit in by residents of the hall in the office of Peter Hallworth. Residents of the hall have been complaining about noise disrupting their revision for several weeks. They decided to sit in when they believed their complaints were being ignored. Mr Hallworth told FELIX though that he had not realised that students were being disrupted. He said he had written at Easter to the hall wardens and housekeepers telling them that he would stop any work that was disturbing work. He regretted that a breakdown in communications had meant that students had failed to contact him directly. Any students who are disturbed should contact Mr Hallworth on 3605.



Members of next year's Guilds Exec show what they're made of during last weeks trouserless boatrace.

Racist Ban 'Misguided'

Sir Keith Joseph has attacked the 'no-platform for racists' policy adopted by many student unions. In a letter to NUS President Phil Woolas, Sir Keith condemns racism and facism. He argues, though, that the policy of some student unions to deny speaking rights to invited speakers who have been branded as racist is 'wrong,

misguided and harmful'. He appealed to students to protect freedom of speech before lasting damage was done to their institutions and to the country's political life. A motion that would have resulted in ULU adopting such a policy was defeated at a recent meeting of the General Union Council.

Room Raffle

Imperial College Charity Rag are making the draw for the guaranteed place in hall today. The winner will receive a place in the hall of his/her choice as long as he/she satisfies the eligibility rules. Tickets will still be available from the Union Office before the draw, which will take place at 1.00pm in Beit Quad.

Rumours say that not many tickets have been sold, so anyone wishing to make a 'bulk' buy of tickets will stand a good chance of winning.

Sir Keith Goes

Sir Keith Joseph has been replaced as Education Secretary by Mr Kenneth Baker, the former Environment Minister. Mr Baker is a noted wet in the cabinet who has a reputation as a skillful communicator. It's understood that he has been given the post of Education Secretary in an attempt to improve the public's view of the government's education policy.

Star Wars Petition

The International Peace Communication and Coordination Centre has launched an international petition against Star Wars. The IPCC, which represents peace groups throughout the world will present the petition to NATO at the end of May. The group feels that the testing of missile defences will violate the Anti-Bolistic Missile and Partial Test Ban Treaties, leading to a breakdown in arms control.

Hey Big Spender

High spending Union clubs have been asked to justify their spending at an emergency meeting of the Union Finance Committee on Friday evening. The Union needs to cut £14000 from clubs' budgets for next year and it has been suggested that certain high spending clubs should be completely cut. The clubs under threat are Balloon, Canoe, Caving, Mountaineering, Gliding, Boat, Yacht and STOIC.

Help For Sport Aid

Sport Aid need marshals for the Race Against Time that's being held in Hyde Park, on Sunday. Marshals should meet at the Serpentine Restaurant in Hyde Park at 9.30am. Further details are available from Dave Kingston in the Union Office.

QT Open

The Queens Tower is to be opened to tourists this summer. The College is encouraging tourists visiting the museums to view London from the tower. Students will be employed to run the scheme. Anyone interested in applying for a job should read the Small Ads for details.

Healthy Eating

A new self-service salad bar has opened in the main Sheffield dining room. Business is said to be doing well at present and students who have tried the service are impressed by the quality of the food.

New Rents

The rents for next session were announced yesterday:

<i>BEIT</i>	
Basement	£19.00
Old Hostel	£25.30
New Hostel	£28.00
<i>GARDEN AND RAYLEIGH HOUSE</i>	
Single	£24.30
Double	£16.90
Triple	£13.20
<i>LINSTEAD</i>	
Single	£31.00
Double	£21.50
<i>MONTPELIER</i>	
Upgraded single	£28.00
Non-upgraded single	£25.80
Double	£19.00
<i>SOUTHSIDE</i>	
All rooms	£30.00
<i>WEEKS</i>	
All rooms	£32.10
<i>WILLIS JACKSON, SOUTHWELL and HOLBEIN</i>	
Single	£24.30
Double	£16.90
Triple	£13.20
<i>BERNARD SUNLEY and MINING</i>	
Single	£22.70
Double	£15.30
Triple	£11.60
<i>ROBERT PRYOR HOUSE</i>	
Single	£28.40
Double	£21.60