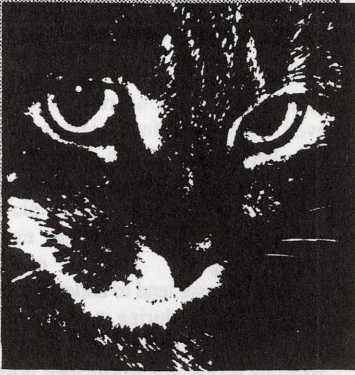


FREE!



No. 785  
Friday 20th November 1987

# Felix

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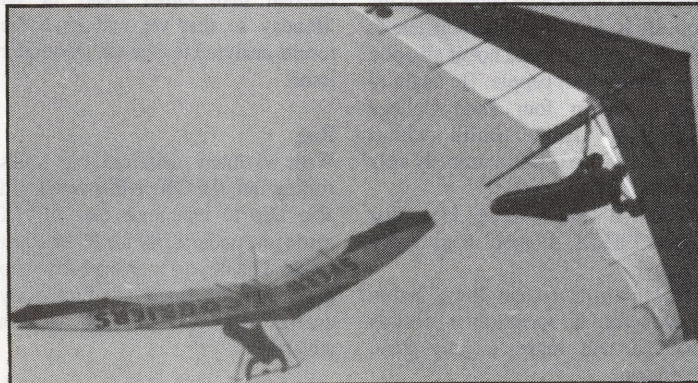
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## Harrier hits Hill in mid-air collision

The Chairman of IC Hang Glider Club, Andrew Hill, was involved in a mid-air collision on Saturday. Mr Hill was flying the HGC's main glider at Devil's Dyke on the South Downs.



He was about 150 feet above the ground and there were around 15 gliders in the air at the time. He had been flying for twenty minutes and a blue glider had come very close to him on two occasions. He said, 'I saw a flash of blue wing above me and then felt a crash on my left wing'.

Mr Hill had to make an emergency landing. The wing cross-tube was badly damaged and will cost approximately £200 to replace. The other glider involved, a Harrier, kept flying after the crash.

Mr Hill said, 'I was a bit shocked. I didn't know what had happened.

Looking back, I'm very angry—he could have killed me.'

He accused the other pilot, Mike Allen of Southern Club, of 'flying like a maniac'. Mr Allen admitted responsibility and agreed to pay repair costs.

A British Hang Gliding Association spokesman explained that all pilots of hang gliders must follow the rules of the Civil Aviation Authority. There is a code of conduct for hang glider pilots. It includes the words 'when two gliders are on converging paths the one on the right has the right of way'.

Two members of the City and Guilds College Motor Club, Clive Hudson and Timo Hannay, were involved in an accident which wrote off their car whilst competing on a club rally last Friday. Mr Hudson was driving down a narrow country road when he encountered a 90° left hand bend which only appeared as a 50° bend on navigator Mr Hannay's map. The car, a Mini Countryman 1300, went onto the grass and crashed into a pile of logs, sustaining considerable damage to the subframe mountings and floorpan. Both occupants were totally unhurt.

C&G Motor Club Captain Jon Stout said that accidents on rallies were rare, with only one occurring in the whole of last year. He stated that all events are run under RAC Motor Sports Association rules with all possible precautions taken. Drivers are fully briefed and cars scrutinized before events and the club is properly insured.

Alan Rose, Union Deputy President, feels that the Union should continue to support 'dangerous' sports such as hang gliding, caving and rallying as long as the clubs are run responsibly. He places the onus of ensuring the safety of club members on themselves.





## editorial

Yesterday evening (Wednesday) the Print Unit suffered another set-back in a long line of machine failures and breakages. The operating handle on our printing press sheared off. This is not bad going for a machine which is just over a year old and made by a company with a reputation for reliable lithos. We could have got depressed, but we didn't. Most of this issue has been printed by an outside contractor and you are reading this issue because of an enormous amount of hard work put in by the FELIX staff to get it ready in time to send it out. I would like to take this opportunity to thank all of them for their help and encouragement, especially Chris Martin, Dominic Strowbridge, Bill Goodwin and Mole(!) who stayed up on Wednesday night to finish off pages.

### St Mary's

Many of you will already have heard that Imperial College will become the Imperial College of Science, Technology and Medicine in August 1988 when we merge with St Mary's Hospital Medical School. We are pleased to announce that St Mary's is now receiving a limited edition of FELIX each week. If anybody who is reading this and going to St Mary's would like to work on FELIX, perhaps as St Mary's correspondent, then get in touch with me on 01-589 5111 ext 3515.

### Ian Howgate

Within these pages is an opinion article on FELIX and the possibility of it being biased against Ian Howgate. I hope you will not find it incestuous that FELIX prints criticism about itself. I find it extremely useful to read and learn by such criticism. While I acknowledge that some of what has been said is true, I cannot agree with the sentiment.

Firstly, FELIX is provided to inform, entertain and *criticise*. This is a phrase I tend to overuse and it came up in my elections speech last year. Ian Howgate does a great deal: some of it good, and some of it bad—

the bad gets criticised. I steer away from the brown tongue treatment in my editorials.

Secondly, FELIX printed the 'irresponsible Ian' news story and Ian refused to speak to our reporters or write for us! We all sat round waiting for Ian to grow up.

Thirdly, the author of the opinion article draws a comparison between the treatment of Ian with that of Carl Burgess, President of IC Union in 1985/6. In that year, the FELIX editorials went on about trivia while Carl was getting away with murder. This did more damage to the Union than telling everybody would have done.

Fourth, Ian puts a lot of work into his job. He was the only one who really wanted to be President this year and he is going out to prove that he was the best choice. Ian is a good President because he cares about his job. He is, however, irresponsible in the things he says and not at all good at working with people. He ought to take a tip or four from College Secretary John Smith about diplomacy. He is also extremely easy to wind up.

Fifth, it's Ian's wacky ideas that made FELIX a good read every Friday!

If Ian learns to calm down, and to think before he speaks then I reckon that he will make a jolly good President.

### The other sabbaticals

Having passed judgement about Ian, I feel that it is only right to give brief views on Alan Rose, Deputy President, and Chas Jackson, Hon Secretary.

Alan, as far as I have heard, has been efficient. He also has the marvellous gift of sounding like he knows what he is talking about. He helped to collate last week's FELIX so he has gained this week's FELIX Sabbatical Gold Star Award.

Chas Jackson, on the other hand, has turned out to be the joke sabbatical. Chas is very good at reading newspapers but I don't think

that is part of the Honorary Secretary's job description. He is not very good at getting council papers ready, insurance dealt with or problems sorted out. Chas, however, is a nice person, which is why I've never mentioned his faults before.

### Drink a Pub Dry

This has to be one of the stupidest ideas for raising money for Rag—it doesn't raise any! Why do they go out to a place which they obviously can't drink dry (this year it was the University of London Union Bar) and spend all the money they've got left. No wonder nobody has enough money to go to the Guilds Carnival.

### Morphy Day

Hiss! Boo! The ICU Executive didn't bother to turn up to Morphy Day on Wednesday—after they told me that FELIX had to make up the fourth man of their boat crew. Our boy, Sports Editor Dominic Strowbridge, went through rigorous training to be selected from the fine athletes that frequent the FELIX Office. I bet we would have won as well!

### Student survey

We have another one of our special FELIX surveys in this week's issue. We have used the same questions as two years ago which should enable us to see how the average IC student has changed. I would be grateful if you could get your answers into the internal mail either today or on Monday so that we will have the results analysed for the 4th December issue.

### Rag

With so many different rag totals rolling into the Office this week, I'd also like to announce that FELIX made just under £200 for IC Rag last week. Thank you to everybody who gave 20p for small ads and diary entries and to all last week's advertisers.

### Bad debts

The Union Print Unit runs to break even. We charge for materials used only because the Union pays all the labour costs. We make no profit on the printing we do for Union clubs and societies. We sometimes even undercharge! Like every organisation, we tend to undergo cash flow problems during parts of the year. These problems are brought about by people *not paying their bills*. We give everybody one month's credit and *only* one month's credit. The following individuals and clubs are bad debtors and will not be able to use the services of FELIX or the Print Unit until they pay up:

Amnesty International  
Nigerian Soc  
Chas Jackson  
CSSA  
Anti-Apartheid  
ConSoc  
Nicky Alison  
Lester Kerschenbaum  
WIST  
SocSoc  
DocSoc  
Selkirk Hall  
ChemSoc  
Nightline  
Yacht Club  
Billiards & Snooker  
RCSU  
RSM

Don't expect to see any diary entries from any of these!

### Finally...

We've run out of sweatshirts for the moment but there are more on order for Christmas.

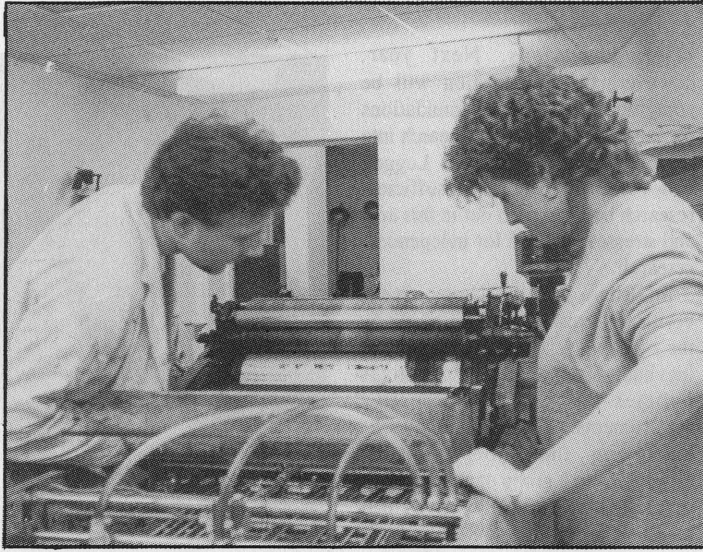
There will be a staff meeting at 1pm today.

<b>Editor-in-chief</b> .....	Judith Hackney
<b>Business Manager</b> .....	Chris Martin
<b>News Editor</b> .....	Andrew Waller
<b>Reviews Editor</b> .....	Ashley Niblock
<b>Features Editor</b> .....	Dave Burns
<b>Clubs Editor</b> .....	Kamala Sen
<b>News Features Editor</b> .....	Bill Goodwin
<b>Sports Editors</b> .....	Dominic Strowbridge and 'Hector' Sullivan
<b>Science Editor</b> .....	Steve Black
<b>Typesetting</b> .....	Rose Atkins
<b>Printing</b> .....	Cresswell Dean Vaughan Judith Hackney Chris Martin

**Contributors:** Pippa Salmon, Rupert Clayton, Martin Cole, Al Birch, Al Roberts, Adrian Bourne, Chris Jones, Andy Bannister, David Jones, Chris Martin, Kamala Sen, Pete Higgs, Dave Burns, Rachel Black, Bill Goodwin, Dave Smedley, Lloyd Ruddock, Thomas Gregg, Keith Lowthian, Steve Kilnurray, Alan Rose, Carol the collator, Martyn Peck, James Papa, PETS, and Bettina.



## Pressing disasters



A minor contretemps with the FELIX printing press on Wednesday evening left FELIX staff distraught and unable to continue printing for the day. The operating lever of the press broke off in the hands of the permanent printer, making it impossible to start the machine. Dean, the printer, said, 'Oh dear, the handle's broken, \*\*\*\*.' Fortunately the press is now back in operation.

## Rock-on Rob

This month's Network, the magazine for the College's academic staff, reprinted the following article from *The Scotsman* of November 26.

An extraordinary event was celebrated last week. A small lunch—rock-hard avacado, fish pie and mousetrap cheese—was given at Imperial College, London, to honour the 14 young graduates who had achieved first class honours degrees in civil engineering.

Network, however, devoted its entire front page to this event which it described as 'a celebratory press lunch...designed to help recruitment of women to the Department'.

Rob Northey, Refectories Manager, who provided the lunch, took exception to the description of the food. He pointed out that monk fish in lobster sauce was served and that 4 or 5 other cheeses were offered along side cheddar. He concedes that some of the avocados served may have been underripe.

## Security warn of Killer danger

College Security have warned organisers of the game 'Killer' that if they don't restrict the game to College, students may be seriously injured. They are concerned that diplomatic police may mistake water pistols for real guns and shoot to protect the embassies which they guard.

'Killer' has also annoyed many residents of College halls and houses and has been banned from several halls already.

Rag Chairman Nigel Baker said yesterday: 'This is the first year that we've run this game so we anticipated a few teething problems which we hope to sort out if the game is run next year.'

## ULU travel



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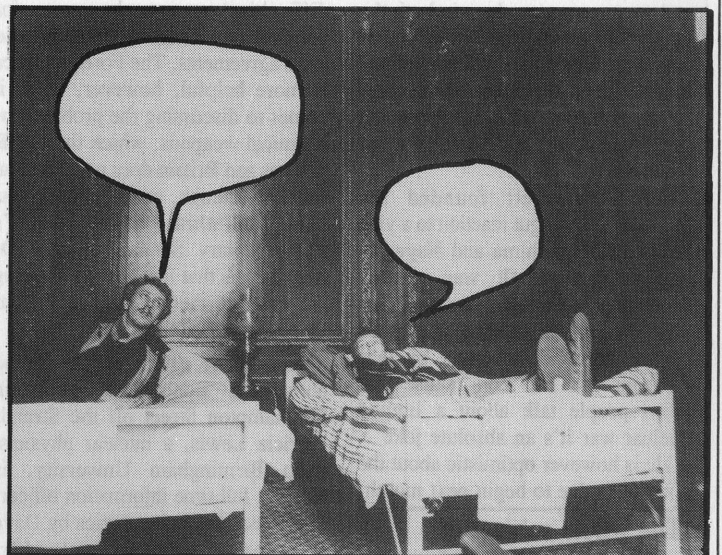
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## Competition



A prize of a FELIX t-shirt to the person who can think of the best words to fit the bubbles on this picture of Union President, Ian Howgate and Hon Sec, Chas Jackson.

Send all entries to Judith, FELIX, Beit Quadrangle.



# Nuclear Daydreams?

## The Fifth Column

This week the Fifth Column takes a look at the impending arms talks due to begin early next month. Will agreement be reached? How will the talks affect the nuclear stockpile? How can technology be used to ensure that both sides play fair. The Verification Information Technology Centre (Vertic) is an organisation which considers these problems in great depth, and operates a key role in advising politicians about arms control. Bill Goodwin went to find out more from the organisation's founder, Dr Jeremy Leggett

The Verification Technology Information Centre, known as Vertic, was founded a year and a half ago by Jeremy Leggett, an earth sciences lecturer at Imperial College. The organisation researches the problems posed by arms verification and keeps a careful check on the latest developments within the arms race—an emotive subject in the light of the

**'It's fear that time is running out that motivates me—time is running out'**

forthcoming arms talks. Since its initiation, Vertic has established a wide range of contacts amongst peace and weapons researchers in both the United States and the Soviet Union which enables it to provide briefings for politicians, the press and members of the public as well as discussion documents for the Ministry of Defence.

Jeremy Leggett founded the organisation as a gut reaction to a visit he paid to Hiroshima and Nagasaki two years ago. 'It was a very depressing experience,' he says, 'until you've seen the effects, you don't realise how destructive nuclear weapons can be. You realise that when people talk about a limited nuclear war it's an absolute joke'.

He is however optimistic about the arms talks due to begin next month,

**'The whole subject of verification is like a fog to the general public'**

when the question of verification will become a major issue. The superpowers have tabled draft treaties which call for the intrusive monitoring of missile production factories, challenge inspections of the sites of suspected violations and on-

site inspectors to witness the destruction of weapons. Vertic's role is to investigate how this can best be carried out. Three working groups have been set up by the organisation to discuss and collate information on satellite remote sensing, seismic monitoring and verification strategies. An independent Oversight and Advisory Committee presides to oversee the work of the committees before their conclusions are released to the public.

Vertic receives a mixed reaction from the Ministry of Defence and those in Government. Dr Leggett believes that civil servants



Dr Lewis

occasionally use 'verification difficulties' as a smoke screen for political unwillingness to enter into arms agreements. The Foreign Office is more helpful, however, when it comes to discussing the problems of chemical weapons, which the USSR possess and Britain does not. Political barriers, though, occur at all levels; 'The sad thing about Vertic's Parliamentary Seminars,' says Dr Leggett, 'is that if a Tory is chairing the meeting then Labour stay clear and vice versa.'

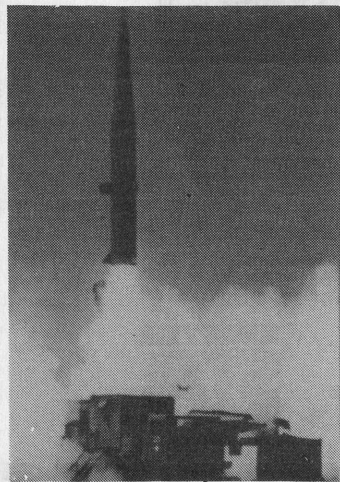
The Vertic office can be found above the 'Bonbon' restaurant in Southampton Street off the Strand. Patricia Lewis, a nuclear physicist from Birmingham University, is Vertic's full-time information officer. She is assisted in her duties by Dave Wooding, a voluntary researcher, formerly a physics student at Imperial. The group is supported financially with a 3 year grant of £80,000 from the Rowntree Trust and Cadbury's.

At present Vertic has the resources to collect and disseminate information and to cover the expenses of arms control experts for lectures and

briefing sessions. Next year, however, the organisation will be applying to a number of foundations for funding for technical research into verification techniques. Dr Leggett believes that there is insufficient research being carried out in this area and stresses the need for independent research.

In Britain and the United States verification research is carried out by the weapons laboratories which inevitably have to operate within the policies of their respective governments. 'This seems a bit like entrusting the supervision of prohibition to a group of alcoholics,' says Dr Leggett. He believes that there is a great scope for universities to carry out work on verification. Information freely available from satellites—such as SPOT and LANDSAT—for example, can reveal new missile silos, but no civilian work is being carried out in this area nor have British scientists been able to find funding to take up the Soviet invitation to install seismic monitoring equipment around their nuclear testing grounds.

Although universities in the United States have departments specialising in arms control and offer verification courses, this is something British universities shy away from. The fact that the Official Secrets Act makes gathering the appropriate information more difficult in this country, and a British tendency to 'leave things to the Government' may go some way to explain their reluctance. Vertic has been able to get around the problem posed by the Secrets Act by making use of experts from the United States; under the American Freedom of Information Act they are able to divulge information which might be regarded as sensitive in the UK.



Dr Leggett

## Historic Deals

For the first time in the history of arms negotiations, the Superpowers are on the verge of signing an accord which will bring about the scrapping of part of the nuclear stockpile. The Intermediate Nuclear Forces (INF) accord, due for discussion on the 7th December calls for the destruction of all ground launched, intermediate missiles, a total of some two thousand warheads. These talks differ from those of previous administrations in one vital respect; both leaders are anxious to reach a settlement. In the following article, the Fifth Column takes a look at the significance and dangers of the INF deal, examines the verification problems it raises and looks towards the deals which are likely to follow in the wake of a successful INF agreement.

On the face of it, the INF deal will result in a reduction of only 4% in the world's nuclear stockpile. In practice, it will lead to the removal of Cruise and other medium range missiles from Europe. If the negotiations proceed as the United States would wish, short range intermediate missiles, with a range of 500 to 2500 km will be dismantled within a year and the longer range missiles with ranges upto 5000 km will go after three years. Both sides have already produced draft treaties which are in close agreement and they are now considering the fine details of the accord. The omens look good for a settlement.

Beyond INF lies the prospect of a Strategic Arms Reduction Treaty (START), but the prospects for agreement are more tenuous. The Soviet Union has put aside its qualms



over the Strategic Defence Initiative (Star Wars) for the INF talks but it is unlikely to be as obliging in the ensuing talks. There is a consensus amongst scientists that SDI will not be feasible, the Soviet Union are worried that a partial defence system might be possible. Under these circumstances they see only one possible role for SDI; to mop up a Soviet counter strike when most of the Soviet missiles have already been destroyed by an American first strike. Nevertheless, it is questionable whether Star Wars, in its present form, will last beyond President Reagan's term of office.

In the wake of September's meeting between Schultz and Schevardnadze, the Superpowers have produced draft START documents calling for across the board Inter Continental Ballistic Missile (ICBM) reductions of 50%. It is likely that the Americans will be looking for specific reductions in the Soviet SS18 stockpile, as these missiles are perceived as a threat to the US Minuteman Silos. Similarly the Soviet Union will be looking for reductions in the Trident II missiles which threaten the SS20 silos.

Before any deals can be signed the problem of verification must be considered. How can one side ensure that the other is not cheating? Inevitably this will mean that both sides will have to cooperate and make concessions, but this is not as unlikely as it would first appear. The route to cooperation has already been paved by the Stockholm Accord, agreed last year between NATO and the Warsaw Pact. The accord calls for either side to provide notification in advance when it conducts military exercises with over 35000 troops, and in this way aims to prevent either side launching a surprise conventional attack on the other.

The Verification Technology Information Centre (VERTIC) has suggested possible verification scenarios for both START and INF. Any agreement must be followed by an exchange of data between the two sides on their missile facilities; the number of missiles, launchers and the capability of the missiles. The data supplied to one side would be checked with intelligence data obtained from photoreconnaissance and eavesdropping on radio

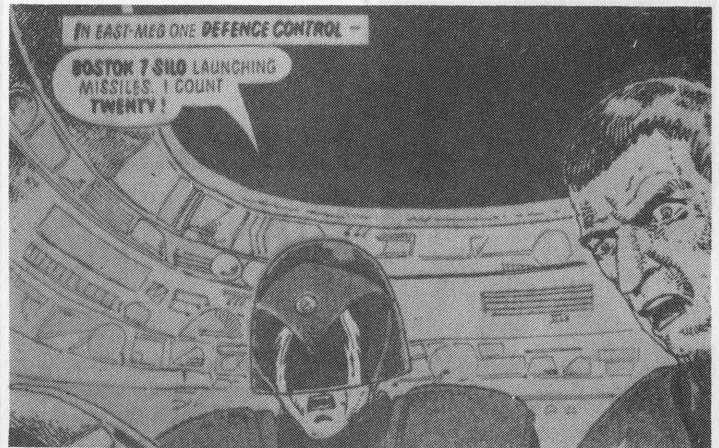
transmissions. Satellite technology will come into play here, for example with the American K series satellites which can have an estimated resolution of upto 50cm per pixel and Signals Intelligence Satellites (SIGINT) which can snoop on the other side's telecommunications. When both sides are satisfied that the data is correct, steps will have to be taken to monitor missile movements. This will require on sight inspections to ensure that all is fair and above board.

The war heads, it is suggested, can be disposed of in purpose built plants operated by the monitored side and supervised by the monitoring side. Here the verifying country would count the number of warheads going into the plant checking to determine whether they were genuine. This can be achieved by passing a neutron beam through the warhead and monitoring the resulting radiation. The fissile material would then be removed, unobserved by the verifying side, before re-emerging to be automatically destroyed. The fissile material could be destroyed in commercial nuclear reactors or alternatively held in safe storage under the auspices of the Atomic Energy Authority or a similar body.

A thorny question which still has to be resolved concerns the fate of mobile missiles such as the Soviet SS25, the American Midgetman, the US Tomahawk cruise missile and its Soviet equivalent, branded the "Tomahawski". According to Vertic, a complete ban on mobile missiles is unlikely. These missiles are problematic because they can be merged into the countryside, and hidden aboard ships and submarines, making it difficult for one side to know precisely how many missiles the other side possesses.

In the past, arms agreements have failed to prevent the escalation of the arms race but have merely pushed it into other directions. For example the SALT 1 treaty stipulated limits on missile launchers, with the result the both sides developed missiles with multiple warheads. Likewise the Threshold Ban Treaty (1974) limited test explosions to 150 kilo tonnes, and both sides began to concentrate on smaller, more accurate missiles.

The deployment of sea-launched cruise missiles may similarly render the INF accord ineffective, unless the superpowers take action. The US Airforce had intended to deploy 464 Tomahawk ground launched cruise missiles by late 1988, and 200 of these have already been deployed. Although these will be dismantled under the INF deal, the American Navy plans to deploy 758 nuclear Tomahawks at sea. This will result in



one third of the US fleet being armed with nuclear missiles, and the situation is made more complex with plans to place 3000 conventional Tomahawks along side them. The Soviets are expected to follow suit this year with the deployment of sea launched cruise missiles of 3000km range. Hence, unless this aspect is taken into account in the START talks, argue Vertic, the INF deal will become merely a codification of the arms race. So far sea launched missiles have been given little discussion.

As mentioned earlier, mobile missiles present particular problems when it comes to verification. The situation is exacerbated by the combination of conventional and nuclear cruise missiles at sea. If limitations are agreed upon, stringent verification methods will be required. One of the requirements will be the continuous monitoring of missile plant perimeters. This could be achieved by installation of tamper proof video cameras at perimeter exits to record the number of missiles leaving the plant. The plants would be monitored by inspectors from the verifying side to ensure that the cameras were not tampered with. Radiation counters would be used to check whether the warheads of the missiles leaving the plant were nuclear or conventional, and the inspectors would have the right to examine any piece of equipment leaving the plant which could possibly hide a missile.

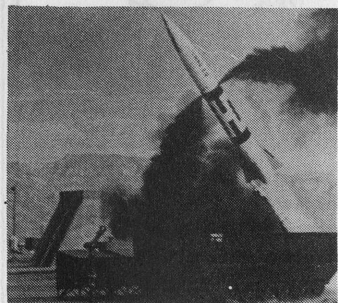
Vertic suggest that a form of electronic tagging might be used to ensure that missiles are not being manufactured in clandestine factories. The technology exists to produce tamper proof electronic tags which would record the batch number and place of manufacture of the missile. These tags would be manufactured by the verifying side and installed by the verified side. During on site inspections the tags would be examined for tampering, and if any missiles were found with inappropriate tags or tags missing

then this would indicate a violation of the arms control agreement.

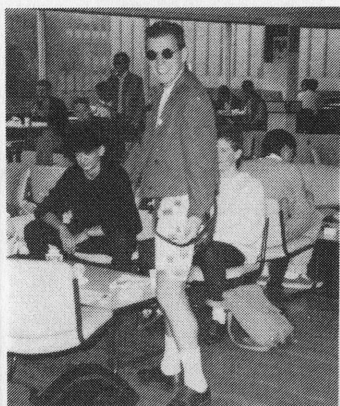
Two types of tags have been considered by the military. Passive tags would act as a unique identifier for a particular missile. One such type would make use of the random patterns of fiber glass in the missile canister. This would be "photographed" by a stereoscopic camera or an acoustic hologram imager. Another type of tag would make use of an unreproducible pattern of fibre-optic cables which would again be photographed. Active tags would consist of a number sequence stored in a microchip to identify each missile. One possibility is a tag which will make use of NAVSTAR satellites to record the position of the missile. The tags would be read at intervals and the recorded position of missiles be compared to photoreconnaissance photographs. If the two do not tally, then this must be a strong indication that a treaty violation must have occurred.

The technology for arms verification does exist, and can be applied to difficult areas such as mobile and sea-launched missiles. Whether or not the superpowers possess the political will to use the technology as a basis for arms reductions remains to be seen. It is important to remember that the INF deal can only represent a first step, on the route to further reductions. If these are not forthcoming then the deal, impressive though it sounds, will not reduce the escalation in nuclear weaponry; it will merely succeed in changing the emphasis of the arms race. Beyond that, a Strategic Arms Reduction Treaty will hinge upon the question of SDI. If this issue is not resolved, the prospects for a genuine reduction in the arms stockpile seem grim.

Thanks to Vertic and Jerry Legget for invaluable help in preparing this article, Reagan and Gorbachov for being good sports, and Judith for not starting the third world war.







## Hello?

When I first accepted the post of Lesbian & Gay Welfare Officer I hoped that I would really be doing something to help gay/lesbian/bisexual people at IC, or at least improve the atmosphere here.

Sadly, the only reaction I have had to my article is that someone called Bruce, in my year, has started blowing me kisses! (If only he was a hunk...).

I don't know if people realise but you can contact me, completely confidentially, through the pigeonholes in the Union Office. I have a pigeonhole (labelled Lesbian & Gay Welfare Officer). So write me a note, saying hi! or just to tell me that you are gay and go to IC. Surely I'm not the only bisexual person here, even if I am the only one who has admitted it.

Anyway, Judith is putting a (very embarrassing) photo of me in this week so now you can all come up to me and say hi! or hurl abuse at me in person!!!

**BYE! James Papa, ME II**

P.S. You didn't realise I was so good looking did you?

## Essential Ents

We have a few rather interesting things coming up in the next couple of weeks all of which are somewhat essential entertainment.

On Thursday November 26 perhaps the best circuit band playing in the London area—*Howlin' Wilf & The Vee Jays* will be playing in the Lounge. Their career started about four years ago busking all the old favourite soul/R 'n' B numbers around Covent Garden, however, such was the response they formed a full band and began playing the club scene. Over the years their following has steadily grown to the extent that packed houses are the norm. The doors open at about 9pm and the band are on stage at 9.30pm for about 45 minutes and then again at 10.45pm for a second set, tickets are only £1 from Norman's, the Union Office or Ents and £1.50 on the door. There should be a late bar and of course there will be a disco as well.

Next up, make sure you watch the *South Bank Show* on Sunday November 22 as the whole programme is dedicated to an amazing band the *Real Sound of Africa* who are Zimbabwe's highest selling act and also just happen to be playing in the Lounge on December 3.

Finally, anyone interested in joining Ents should come to the Ents Office (the room above FELIX) at 1pm any Tuesday where we will all be gathered.

## Computer calculations

Until quite recently the Bookshop carried an impressive stock of slide rules and other paraphernalia. We are currently lookint to modernise this range of computational equipment by entering into the supply of IBM PC Compatible' Computers

The range of machines, which was due to be reviewed this week by the ICU. Microcomputer Society (deadline for copy was Monday—ed), has a number of VERY attractive features.

1. The machines comprise an exceptionally high proportion of components manufactured in Japan and the USA, in relation to those from non-specific areas of the Far East.

2. A wide range of specifications should be available to order, from fully expandable 8MHz twin floppy dirve machines with monochrome

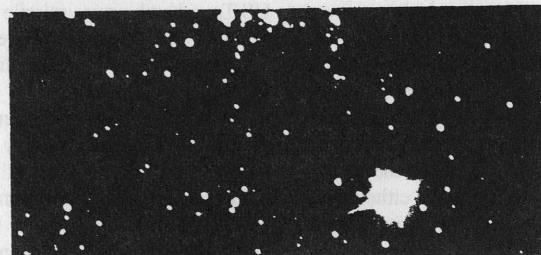
graphics to 'beyond' 15MHz AT's with Super-EGA level graphics.

3. Each system in the range has been engineered to provide a balanced, high performance mix of high quality reliable components eg. NEC, Intel, Toshiba, Misubishi, Miniscribe, Western Digital, Precise (of Japan), and though they are designed to run under PCDOS 3.30 (how compatible can you get?), MSDOS 3.1 (+GW Basic) will be available as an option.

4. The prices compare very favourably with those of other cut-price machines (such as Amstrad) in so far as competing machines are able to offer roughly equivalent specifications.

5. Delivery, subject to ICU approval of the equipment, should commence this month.

## How to be open-minded



(Seeing stars helps)

Astronomy is man's attempt to look outside the confines of his own world.

With the naked eye we can see an expanse of thousands of stars. With a telescope and camera even more detail is revealed but still the insignificance is unfathomable.

Religion is man's attempt to look outside the confines of his own person and that of society to a spiritual dimension which he supposes exists.

The problem he faces here, however, is far greater. There are no instruments available to make measurements on the spiritual world.

Subsequently many people dismiss it as non-existent while others invent their own religion.

However, in Jesus, God gives us an instrument through which we may see the spiritual world. In Jesus we see God himself.

"Anyone who has seen me has seen the Father"



A series of events  
in week eight, Nov 23-28  
organised by Imperial  
College Christian Union

**8**

### ASSISTANT WARDEN, GARDEN HALL

Applications are invited for the post of Assistant Warden of Garden Hall. The Hall has 87 male residents in accommodation varying from single to triple rooms.

The Assistant Warden is fully responsible for the day-to-day running of the Hall in conjunction with the normal pastoral and disciplinary duties and reports to the Warden in nearby Weeks Hall.

Although preference for the post shall be given to academic or post-doctoral staff intending to remain at Imperial College for a period of at least two years, other applications will be considered.

The post requires someone who can combine enthusiasm and initiative with a responsible outlook. The Assistant Warden is aided by a resident Sub Warden.

Rent-free accommodation, ideally suited for a couple is available.

Applications with details of relevant experience and the names of two referees should be sent to Dr K Burnett, Warden, Weeks Hall.

The closing date for applications for this post is December 1st 1987.



## THE BARON

It was a rainy November afternoon in the land of Cheap skate. Derek Dash, the Baron, was preparing to take his wife, Mad Dash, out to dinner to celebrate her birthday. (Her birthday was in April, but she liked to celebrate it regularly). He was about to leave, when Ian Bore, the Baron's chief yes man and editor of the Cheap skate comic, Wetnerk, entered the room, furiously washing his hands with invisible soap.

'Hello Bore', said the Baron. 'How are you getting on with the latest issue of WetNerk?'

'Not very well, I'm afraid, Baron', said Bore. 'The citizens in the Phallix Office are still printing it; I don't think it will be ready for another month'.

'We really must do something about Phallix, you know, Bore', said the Baron. 'Not only does Judith Largeamounts keep on printing anonymous letters, she says nasty things about Mad Dash all the time. And I really can't understand what any of the citizens have to complain about. I have made it clear that anyone who does not like Cheap skate should come and have tea with me to discuss the matter. I don't know why nobody has come to see me yet'.

'Perhaps all the citizens prefer coffee, Baron', said Bore, trying to be helpful as usual.

'Perhaps', agreed the Baron. 'Or perhaps they all think that Cheap skate is a very nice place really'.

At that moment, Arthur Michael, the good-but-good-for-nothing fairy, came into the room.

'Hello, Piggy', said the Baron. 'How are things going in the rent collector's office?'

'Well, we have some good news and some bad news', said Arthur Michael. 'The 'bad' news is that Cheap skate is going to lose 600 places in the Yorrick Gardens dormitories, and so most citizens who have been in Cheap skate for more than a year will have to sleep under benches in Seek Park'. Unable to control himself, Arthur Michael clapped his hands together in glee. 'Ahem...and the good news is that we're going to make sure that all the citizens from far away get a place in the dormitories we have left, and this will mean more money for Cheap skate'. The thought of all this extra money was too much for Arthur Michael and Bore. They were so excited that they broke into song:

Oh, the grand old Baron of Cheap skate  
He had five thousand citizens  
He marched them up to the top of the cliff  
And pushed them off the edge  
Hurray!

'Be quiet, you two', said the Baron. 'But this is indeed good news. Now I will be able to make even more pompous speeches about how marvellous things are in Cheap skate. I think I'll call Whygate, the head citizen, and tell him the good news'.

The phone rang in the citizens' office just as Mrs Jolly Hockey Sticks was zipping up Whygate in his new dress with sequins on it. Alan Ego, the deputy head citizen, was opening letters and filing them. Ego's filing system was very effective. He stamped all the letters with the date, then screwed them up and put them in one of three waste paper baskets, labelled 'Bar', 'Snack Bar', and 'Lesley's Love Letters'. Takeiteasy, the citizen in charge of nothing very much, was asleep under a huge pile of invoices, cheques, and memos.

'You'd better answer the phone, Ian, dearie', said Mrs Jolly Hockey Sticks.

'Answer the phone, Ego!', said Whygate, after a pause.

'Answer the phone, Takeiteasy!', said Ego, without looking up.

After a few seconds, Takeiteasy emerged from beneath the pile of invoices and cheques. He looked around sleepily, and eventually the phone stopped ringing. Looking pleased with himself, Takeiteasy yawned went back to sleep.

'Do you think I look okay, Jolly, dearie?' said Whygate.

'You look lovely, dearie', said Mrs Jolly Hockey Sticks. 'I'm sure you'll go down a storm at the burning concert. Now let's have some sherry!'

'Oh no!', screamed Whygate.

'What's the matter?', said Mrs Jolly Hockey Sticks.

'I think one of my sequins is out of place', wailed Whygate.

'Don't worry, dearie', said Mrs Jolly Hockey Sticks. 'I'm sure it won't matter. You'll be a long way away from all the citizens when you get up on stage tonight. Anyway you're not likely to have your clothes on long enough for anyone to notice. But do remember to be careful with your magic wand. Now don't forget you have to write a letter to John Secretary before you go'.

Mrs Jolly Hockey picked up a notebook and wrote as Whygate dictated.

'Dear John', began Whygate. 'I think it was very sneaky of you to try to get your grubby hands on the money from Gravlington rocks to help pay off the Baron's huge debts. I am going to make sure that you never get even a glimpse of the cash, all of which is going to be invested by myself. You were very lucky that I managed to convince all the citizens that I had brilliantly outmanoeuvred you. If the story had got out that my "three months of intensive research" amounted to asking Mrs Jolly Hockey Sticks where Gravlington was, I would have made things very tough for you. Just remember—don't mess with Ian Whygate!'

'Oh, that sounds very masterful, dearie', said Mrs Jolly Hockey Sticks. 'I'm sure John Secretary will get the message. Shall I send it over right away?'

'Yes please, Jolly, dearie', commanded Whygate. 'I'm going to see to my hair'.

Later in the Baron's castle, John Secretary composed his reply. 'Dear Ian', he wrote, 'thank you so much for your admirable letter. It is so nice to receive correspondence which is so clear and to the point, as well as being so elegantly penned. However, I'm sure that the problem is not worth getting carved-up about'. John Secretary sharpened his carving knife and allowed himself a quiet chuckle as he wrote this. 'I think that this matter would be best solved over dinner sometime. You must come round to my place soon. How about tomorrow night? Kind regards, John'.

'This is impossible', moaned Whygate when he received the letter. 'I'm going out with Mad Dash tomorrow. You'll have to go, Ego!'

'Bog off, Whygate', said Ego. 'I'm going out to get pissed tomorrow'.

'Well in that case Takeiteasy will have to go to dinner with John Secretary', said Whygate, poking the slumbering heap with his magic wand....

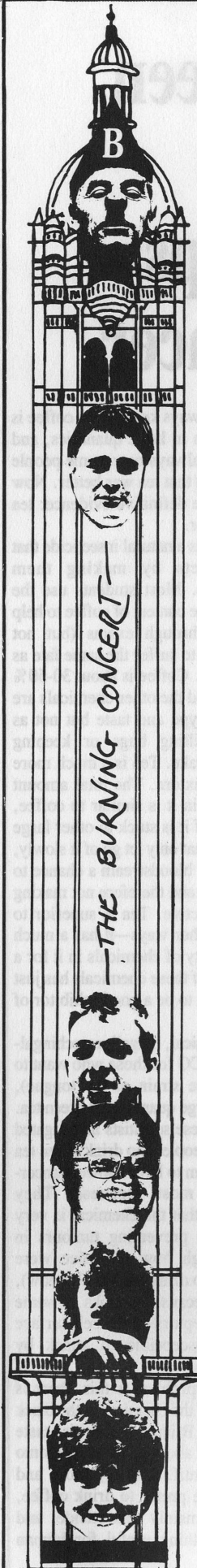
*What is on the menu at John Secretary's tomorrow night?*

*Will Takeiteasy wake up in time to go?*

*Are Bore's hands clean yet?*

*What does Whygate use his magic wand for?*

*Find out in the next episode of 'The Baron of Cheap skate'.*





## The empire strikes back

A lot of scientists think that President Reagan's *Strategic Defence Initiative* is dangerous and unrealistic. There are two good reasons for this: we cannot write and test computer software reliably enough to use in spotting and destroying high speed missiles; and even if we could, the necessary weapons would be just as offensive as the nuclear weapons they are supposed to replace. The whole project often seems just like an excuse to gain a decisive military lead over the USSR (or 'commie bastards' as the proponents of SDI call them).

Those in favour of SDI point out the basic morality of a system that renders nuclear weapons obsolete and removes the present threat of *Mutually Assured Destruction*. Presumably, if they were so driven by moral considerations then they would not have to lie to Congress about the likely success of the programme. Recent evidence suggests they have been doing just this.

The villain of the piece is Edward Teller, the man most often credited with inventing the idea of Star Wars, although a certain religious figure with horns and a forked tail has also been mentioned. He is a very capable scientist and invented, among other things, the Monte Carlo Method, which is an efficient way of doing physical simulations on computers. He is not the most anti-communist person in the USA in the same sense that Ronald Reagan is not the President. One of his frustrated ambitions appears to be to establish a *League of Scientists and Technologists for an Instant Nuclear War*. He claims, of course, to be acting from the highest moral principles.

Teller is the man who has to convince congress that SDI is worth the money. Recently he told them that work on the X-ray lasers, a vital component in missile-screwing weaponry, was proceeding extremely rapidly and that a viable weapon

## UNDER MICRO THE SCOPE



by Steve Black

## Editor's bit—oops!

Part of last week's news story on Chaos got slightly mangled in the typesetting and pasting up. Here is the part of the explanation in a slightly different form (which is easier to follow and less likely to get confused in type).

The do-it-yourself investigation of chaos involves playing with the function:  $f(n) = a \cdot f(n-1) \cdot (1 - f(n-1))$ , where  $n$  is the number of iterations and  $f(n)$  is the value of the function after  $n$  iterations. This is called a *recurrence relation* and defines, from any given starting point, a unique sequence of numbers where each number is calculated from the previous number in the series. Values of  $a$  between 0 and 4 produce the interesting results. Starting values of the function (ie  $f(0)$ ) should be between 0 and 1. If you have a programmable calculator or computer, it is worth following the sequence for several hundred iterations (plot a graph of  $f(n)$  vs  $n$ ) If  $a$  is less than 3, the sequence will rapidly converge on one number. For  $a$  between 3 and about 3.7, the numbers will oscillate between several values. For  $a$  above 3.7 there is no discernable pattern in the numbers: this is true chaos. Each series is an apparently random list of numbers, yet every series is completely determined given the starting number.

I hope to have a more detailed exposition of chaos in a future FELIX. This will include some very pretty diagrams and an explanation of what strange attractors, catastrophe theory and fractal geometry have to do with each other.

I can be contacted via the Chemistry letter racks or on int 4642 if you have any comments or suggestions about this column. Would anyone like to volunteer as a reporter and interview members of staff about their work?

would be ready in a couple of years.

A senior worker, Roy Woodruff, who was director of X-Ray laser work, at the Lawrence Livermore Laboratory, where the experiments are done, complained that Teller's presentation to Congress had ignored all the snags and difficulties of the project. He also complained that the director of the Laboratory had let Teller go ahead knowing that he was telling whopping great fibs. Woodruff is no crypto-commie pinko subversive: he is perfectly happy to make kill-cannons and X-Ray lasers: he just doesn't want to tell lies to Congress about the actual success of his projects.

Woodruff was shunted into a non-job for his complaints. Because the American Official Secrets Act isn't as good as ours, it only took him a year to get a serious hearing for his complaints. Congress are not

investigating the issue, and the principle of the right to dissent appears to have been firmly established. Other workers at the laboratory, while not disagreeing with SDI, are now pointing out that many of Teller's claims are seriously misleading.

Those who oppose Star Wars have always believed that the proponents of it had less than wholesome motives. But, they have always replied that they were acting from the highest moral considerations. If this was true, then they wouldn't have to lie about the likely success of the programme.

Any scientist who cares about science or about the future of the human race, should do his best to prevent science from being hijacked by those who are engaged in fanatical crusades. We will all suffer if they don't.

## Green tea stops cancer

We have always known that coffee is bad for you in large quantities, and there have always been some people who argued that tea was better. Now we have the definitive evidence: tea stops cancer.

Caffeine is a natural insecticide that kills insects by making them hyperactive. Most students use the high caffeine content of coffee to help them get through exams (but not many seem to suffer the same fate as the insects). Coffee is about 30-50% caffeine, and the other chemicals are similar in type and taste but not as good at killing bugs or keeping students awake. Tea is a much more complex mixture. The total amount of caffeine in it is similar to coffee, but much of it is stuck to other large molecules that only let go of it slowly, giving your bloodstream a chance to cope with it and therefore not making you hyperactive. Tea is superior to coffee in other ways—it has a much wider variety of chemicals in it for a start. One of these chemicals has just been shown to be a good inhibitor of cancer.

The chemical, epigallocatechingallate (or EGCG for those who want to avoid severe strain of the tongue), occurs in large quantities in green tea. Some Japanese scientists investigated it because people who drink green tea in Japan seem to have a lower cancer-rate than most Japanese. They discovered that the chemical is very effective in preventing tumours in mice (though how the mice were persuaded to drink tea I don't know), probably because it sticks to some delicate receptors on the cell surface that are susceptible to attack by carcinogens.

The only problem is this, there is very little of the chemical in the black tea drunk in Britain, and British taste buds are not about to be weaned onto the green stuff. Anyway more and more people prefer to drink coffee, which is mainly insecticide and contains nothing useful for human health.



Let me start off with a boring but true-ism Imperial College is fortunate to possess one of the best student publications in the country. It is well laid out, printed in house and contains some well researched features. Few, if any other universities can boast a student publication which is read by the staff as well as the students. For many people FELIX is their only link with the activities of the Union and the only way they can learn of developments taking place in College.

## And now the shocking complaint

FELIX is biased—and not only is it biased, it is biased almost exclusively against the Union President Ian Howgate. The reason for this is that certain key people within the FELIX Office simply do not get on with Mr Howgate. As a result we have slanted news stories, and editorials which slag off Mr Howgate over trivia whilst ignoring the work he has done.

## What a plonker Ian has been this week!

A biased FELIX does provide interesting reading, but it also causes damage to FELIX. Can we blame Mr Howgate for refusing to co-operate with certain members of FELIX on major news stories, such as 'Harlington Gravel'? In the past he has been quoted out of context and the stories he has provided have been slanted against him. Clearly this is also damaging to FELIX. Mr Howgate is not the only source of news, but this year's lack of a regular news editor has made it difficult for people to find the time to pursue news through alternative routes. The problem has been exacerbated with the decision of certain FELIX staff 'moles' not to co-operate with FELIX until the paper starts being less biased against Mr Howgate. You can get round this problem by filling the paper with stories about the happenings within Union committees, but to be honest this makes dull reading.

## A disagreement...

I cannot say that I agree with Ian's decision not to write a weekly piece for the Union page, but I can understand his viewpoint. Why should he co-operate with FELIX when FELIX appears out to get him? An article in the RCS Broadsheet a few weeks ago by a disillusioned fresher illustrates the point. The writer stated that he didn't have a clue what, if anything, the President did with his time and used this, albeit illogically, as a basis for criticising Mr Howgate's effectiveness. If this opinion is representative of most of the students, it is not surprising that the average student shows little

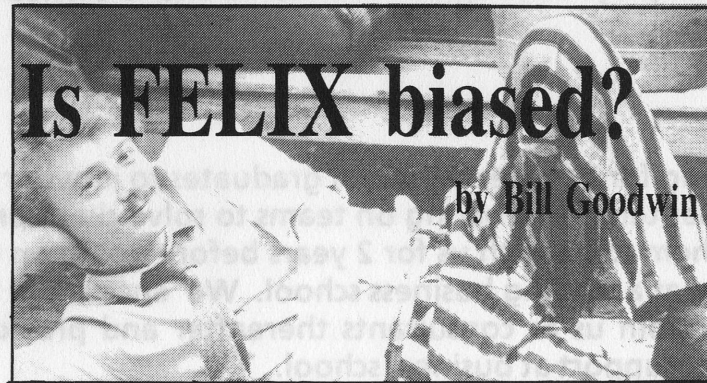
interest in Union affairs. The attitude continually expressed in the pages of FELIX, that Ian is a wally, does little to ease the situation.

## Is FELIX Really Biased?

I have to include this section by means of defence for the slagging off I am going to get in next week's issue. What follows are a few examples which illustrate the point. I hope you will bear with me if the analysis of the stories becomes a bit technical, but this is necessary. I am not out to attack the people who wrote the articles: I have talked to the people

Freshers' Week even better than the best in London.

It is understandable that the writer might mistake "that" for "it", particularly when the interview was played over the phone from IC radio to FELIX, as was the case. However the whole story was slanted. The rest of it devoted a large space to John Noble's response to his alleged slagging off, quoted verbatim. If Ian had been given equal column inches and also quoted verbatim instead of paraphrasing, the story would have become much more representative of the truth.



concerned and they genuinely believe that their articles were unbiased. I am also well aware that the FELIX editor is often under a lot of pressure and does not have time to check everything that appears in FELIX. I am not out to blame individuals. Nevertheless some of the articles which have appeared are below the belt. I do not believe I am alone in this opinion; other Union officers have said much the same thing and even the Rector has commented that FELIX is unfair towards Mr Howgate.

## Irresponsible Ian...

Let's take a story from the Freshers' edition: "Irresponsible Ian Attacks Freshers' Week". According to the story, Ian (speaking in an IC radio interview) had criticised John Noble for organising a poor Freshers' Week. In fact, listening to the tape, it becomes apparent that the opposite was true. Ian had complimented John on the work he had put in and declared the IC Freshers' Week to be one of the best in London, but—here comes the crunch—added that it could be made even better.

In the FELIX news story, Ian is quoted as saying of Freshers week: "it's not good enough". What he actually said (and this is recorded in the radio interview) was, referring to Freshers' Week being the best in London, "that's not good enough". He went on to mention an idea he had which could make Imperial's

## Another subtle example

Issue 782 included a story entitled "Censors' Happy Ending", which covered a motion calling for the ICU handbook editor to have total editorial control. Let me quote a line from the story: "This motion will now be submitted to the next UGM as an amendment to a previous motion which had suffered many amendments put forward by Ian Howgate." Here we have a classic example of an opinion coming across as though it were a fact. The statement that Ian Howgate's amendments were derogatory must be an opinion: Ian Howgate was of the opinion that they were beneficial, the writer that they were not. Who was right?...well, that's a matter of opinion.

## Some more rantings...

Bias against Ian has not been limited to the news pages. In the editorial pages, Mr Howgate has been criticised for not telling anyone about the postgraduate hall before the UGM. Who was he supposed to tell? He told told an Exec meeting on the day he learnt of the proposal and informed the students at the first opportunity—the UGM, which took place a week later. I suppose the real gripe was that he did not inform FELIX, but I have already explained why Ian and FELIX are not on speaking terms.

## Disappointing...

In another editorial, Judith explained

how she had been easy on Ian, and could if she wanted to slag him off a good deal more. I was disappointed; all that emerged were criticisms which were either untrue or totally trivial, some of which I have quoted above. It is the duty of the FELIX editor to criticise the President when he or she is not doing the job properly. Can we assume that, given FELIX's apparent need to invent criticism that Ian might actually be doing a good job? Perish the thought!

## Is it all FELIX's fault?

The last time a Sabbatical was made to look silly in FELIX was during Carl Burgess' presidency. Carl deserved the criticism he got: he was rarely sober and did no work for the Union. Ian, on the other hand, works extremely hard, there is one similarity: both Carl and Ian set themselves up as easy targets.

I think that the way Ian has reacted to bias against him in FELIX is partially responsible for that bias continuing. Ian's reaction was to withdraw from FELIX and offer it no co-operation, to the point where no longer reads the publication. This is a reasonable reaction. People often forget that the Union President is as human as everyone else—how would you feel if you put a hell of a lot of work into the Union, only to have FELIX tear you to pieces every week with stories which were more often than not untrue? It is understandable that Ian is upset, but in this case it would be better if Ian stood his ground. How can FELIX have a chance of being less biased if the President is reluctant to put his side of the story? How can Jo Student learn about the work Ian has put into the Union, if he refuses to write his presidential piece for FELIX? Withdrawing only makes him an easy target for the anti-Howgate faction.

## Conclusion

You may not agree with everything I have said in this article, but (even ignoring the fine details of the argument) it is apparent that there is a problem between Ian Howgate and FELIX and that it is harming both FELIX and the Union. It was necessary to point out the inaccuracies in some of the FELIX news stories, particularly since, as a result of FELIX, many students believe that Ian is incompetent. This is patently untrue. Ian has accomplished more for the Union this term than some Presidents do in a whole year. Hopefully bringing the problem to light will be a first step towards solving it. Both sides need to back down.



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# The FELIX Student Survey

After an absence of two years, FELIX presents its legendary student survey. The results will be published in two weeks with comparisons between this year and 1985. How has the 'average' IC student changed? Please take the time to grab a sheet of paper and answer the questions (truthfully). Send all replies to FELIX through the internal mail (give envelopes to any Department messenger). Your name should not appear anywhere on your answer sheet so no need to fear any repercussions from your boyfriend/girlfriend!

## BACKGROUND

- A**
- How old are you?
  - Did you attend a single-sex school?
  - What year are you?
  - Did you take a year out before university?
  - What do you study?
  - How often do you drink (once a week, twice a week, etc)?
  - Did you realise that the ratio was 6:1 men to women before you applied here?
  - If yes to question 7 above, did this affect your choice to come here and, if so, how?
  - Are you homosexual?
- B**
- Do you belong to a mostly male club (eg rugby club)?
  - Would you describe yourself as chauvenistic?
- C**
- Do you belong to a mostly female club (eg ladies rugby, WIST)?
  - Would you describe yourself as a feminist?

## ACCOMMODATION

- A**
- Do you live in hall/college controlled flats or private accommodation?
  - Would you prefer mixed sex or single-sex halls?
  - Why?
  - Do you feel self-conscious when people of the opposite sex see you in your bathrobe/nightclothes, etc?
- B**
- If you are in an all-male hall, and you choose to be in one, do you now think you chose correctly? Why?
- C**
- Do you think that an all female hall would be a good idea (not for you specifically, but in principle) and why?

## ACADEMIC

- A**
- Would you prefer there to be more women on your course?
  - Do you feel that either sex is more capable of doing your subject (if yes, please specify)?
  - Are you at all uncomfortable about having to compete with the opposite sex? Do you compete with the opposite sex?
- B**
- Do you ever feel that the girls in your class fail to take the subject as seriously as you do?
  - Are you ever conscious of being patronising towards women?
- C**
- Do you feel that some of the boys/male lecturers sometimes patronise you because you are female (if yes, please specify)?
  - Do you ever wonder whether you can really compete in a traditionally male subject?
  - Do you ever feel that the boys in your class fail to take the subject as seriously as you do?

## FRIENDSHIP

- A**
- Do you find it easy to make friends with both sexes (if no, please specify—ie with girls only, boys only, neither, etc)?
  - Do you find it embarrassing to talk about sex and related issues with members of the opposite sex?
  - Are there any subjects which you would not discuss with close friends (not girlfriends or boyfriends) of the opposite sex? If yes, please specify.
  - Would you ever try to pair off your male and female friends?
- B**
- When talking to female acquaintances, is sex often uppermost in your mind?
  - Do you worry that girls will mistake friendliness for sexual advances?
  - Do you usually prefer having 'a drink with the lads', or going out in mixed company?
- C**
- Do you ever feel threatened by the behaviour of the men around you (if yes, please specify)?
  - Do you usually prefer girl talk or talking in mixed company?
  - When talking to male acquaintances, is sex often uppermost in your mind?

## LOVE/SEX

- A**
- Are you looking for a boyfriend/girlfriend at the moment?
  - Are you looking for a purely platonic relationship, or a sexual (or one which may lead to a sexual) relationship?
  - Do you have a boyfriend/girlfriend outside of College?
  - Would you rather have one partner for the foreseeable future, or would you rather have several partners? (Please indicate a, b, c, d or e). Since coming to College, how would you describe your sex life?
  - a. more sexually active.  
b. less sexually active.  
c. no change since coming to College.  
d. no sex life.  
e. other (please specify).
  - Are you more comfortable meeting possible partners in formal situations (lectures, clubs, lab, etc) or at parties and pubs?
- B**
- Do you find girls unapproachable/difficult to meet/intimidating/unfriendly/etc (please specify)?
  - Do women who take advantage of the men because of the ratio make you angry (if yes, please specify how big a proportion of women you think this is)?
  - Is having a girlfriend important to you at this stage?
  - Do you feel that having a girlfriend gives you a 'status'? Is this because of the male/female ratio at IC?
  - Do you feel hurt when a woman lets you down?
  - Do you feel angry when a woman lets you down?
  - Do you feel it is strange if a girl should make a pass at you?
- C**
- Did you think the male/female ratio would improve your love life? Were you disappointed?
  - Do you ever take advantage of the men at College because of the male/female ratio?
  - Do you find that you have more 'passes' made at you because of the ratio? Does this upset/amuse you (please specify)?
  - Do you feel hurt if a man turns you down/doesn't make a pass at you?
  - Do you feel angered if a man turns you down/doesn't make a pass at you?
  - Do you think it is the man's 'job' to make the first move in a relationship?



## Not to be Miss'd for the World!

Last week saw the annual Miss World contest take place in the Royal Albert Hall. How many IC students were actually aware that 78 (supposedly) beautiful girls from all corners of the globe moved into the College vicinity for a few hours? Where were all you budding casanovas?

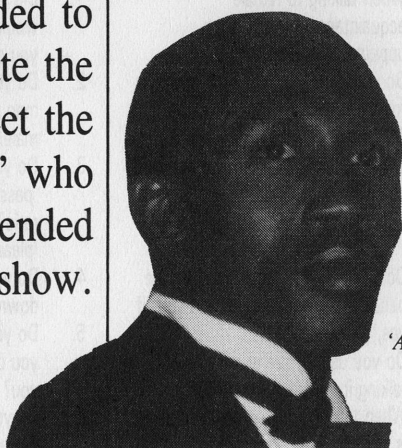
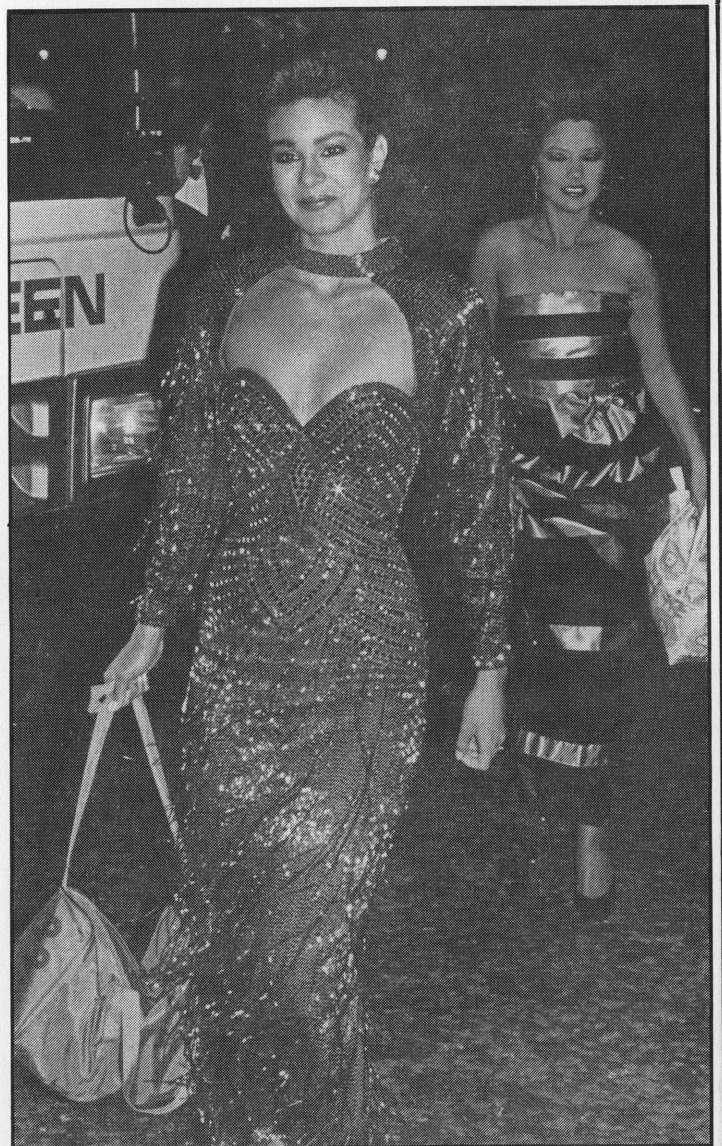
The FELIX P.E.T.S. team decided to investigate the event and meet the 'celebrities' who ran and attended the show.

A night to remember began at 5.30pm, with the P.E.T.S. team trying to obtain official press passes into the 'cattle market'. We were referred to the Press Liaison Officer, Mr Tom Smith at the posh Tara Hotel. After several phone calls to the hotel we were told that the Press Office was closed (conveniently). Undeterred by this massive set back we returned to the Security Office at the Albert Hall to ask, again, if the main in question had arrived. We were told that he was yet to arrive, but as his identity was unknown to us he would be informed of our presence (incidentally his identity is still unknown to us!). We were then asked to leave the warm building by a security officer.

Back outside in the polar conditions three policemen approached us who were out in full force to guard the contestants. For the next hour, as we steadily froze, we chatted to the police on local issues to pass the time. We found that they were pro-IC and also told us that the increasing numbers of law enforcement officers in the area

was due to Christmas and not for possible IRA attacks as we had feared.

The first celebrity to arrive was the arrogant Linford Christie who blatantly ignored us and other freelance photographers. It was nice to see him have to wait for someone for a change and his date arrived an



'Arrogant' Lyn Christie

&

Dick 'head' Astley





# Features

hour late. She was obviously nervous about the night as she dropped her change (29 pence) and hurriedly picked it up.

The next celebrity encountered was Rick Astley (or is it Dick Astley?). We agreed on the latter as his dress sense was offensive and, incidentally, he was noticed by a keen eyed officer of the law to be changing his shoes in the back of his chauffeur-driven black Bentley. An exclusive interview with the chauffeur revealed that Dick Astley had, as we suspected, randic socks.

During the show we noticed that Dick had changed his shirt. So obviously someone had pointed out this blatant clash of clothes, though they couldn't have like him much as he was still every designer's nightmare. His miming to the two songs performed was so atrocious that one was unaware which song he was singing.

Eventually the Miss World contestants turned up in three coach loads. As they were herded past us into the building we spotted talent in **Miss Venezuela** (the definite favourite), **Miss Turkey** (who was left out by the judges), **Miss France** (who had a beautiful all over tan), **Miss Sweden** (cute Cindy Doll look-alike) and **Miss Israel** (a soldier in the Israeli Army). We hasten to add that there were many unattractive girls ranging from **Miss Iceland** (a horse of a woman) to **Miss Belgium** who had several ageing lines around the eyes and mouth. We suspect **Miss Poland's** qualification to the semi-final was purely political. **Miss Lebanon** looked definitely as if she had been dragged off the steeds of war-torn Beirut at gun point. **Miss UK**, yet again, was as attractive as a brick (we have seen better at Imperial College, and **Miss Cook Islands** was (quite frankly) grotesque. **Miss Denmark** who won an award for the 'most fake' smile of the evening, was a sight for sore eyes. Last year's **Miss World**, Gielle Laronde (who was accosted by one of the P.E.T.S. team), earned our gratitude by smiling and waving encouragingly at the reporters.

It was noticed that most of the girls went in smiling, possibly sensing a possible victory. Finally a Red Rolls Royce drew up with Mr and Mrs Morley, the directors of Miss World Enterprises, who acted

as Chairman and prize-giver. They were extremely obliging in posing for our cameras with kind words to accompany it.

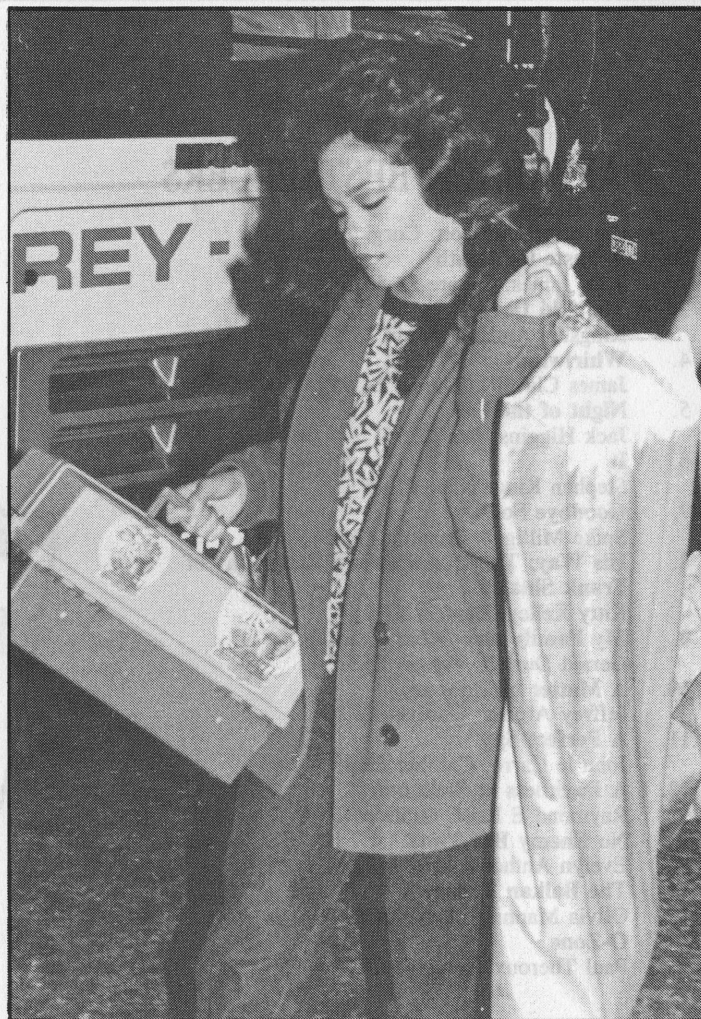
Several more attempts to find Tom Smith proved futile and again the security men could not decide on their story. But who gives a damn about the press any way? They also refused to allow an IRN (used by local independent radio stations including IC) reporter into the building, because he was unable to collect his ticket from inside the building. The IRN journalist advised us to come back at 10pm to push our way through to the main hall where even then we were refused entry to the stage to join or fellow journalists from the world's media to interview the newly-crowned Miss World.

After several attempts to get closer, the management was oblivious to the right of IC to cover such local events. Therefore we rushed back to the artists' exit to see the departing of the 'cattle' from the Albert Hall, sullen and demoralised.

We were fortunate in getting exclusive taped interviews with some of the contestants, but the brain cells between them could not amount to a coherent sentence. Events like this are obviously a field day for the more perverse security officers, one of whom took the opportunity to rub himself repeatedly against the very shocked Miss India. Scandal of the night was revealed when an officer of the law disclosed that Miss America had given him her personal phone number.

The night was marred by an incident involving the P.E.T.S. photographer who, while trying to obtain a photo of Miss World, was viciously pushed by an over-exuberant security man, desperate in his attempt to sit next to Miss World in the Rolls-Royce. This resulted in a minor injury to our photographer but fortunately his camera survived, remaining intact and bringing to you all the pictures of the night you were lucky enough to miss.

P.E.T.S.





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Kitty Kelley. Bantam £3.95
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Jeffrey Archer. Coronet £3.50
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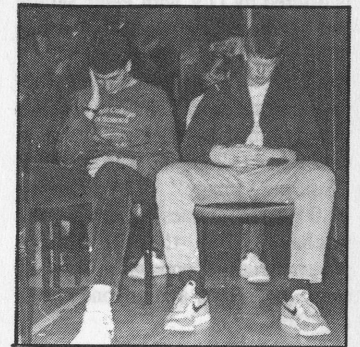
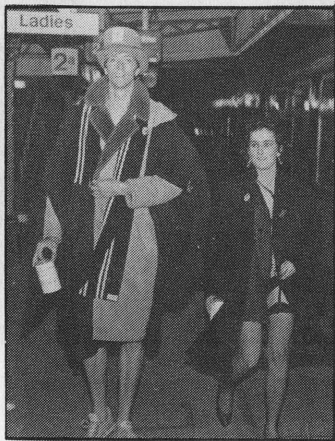
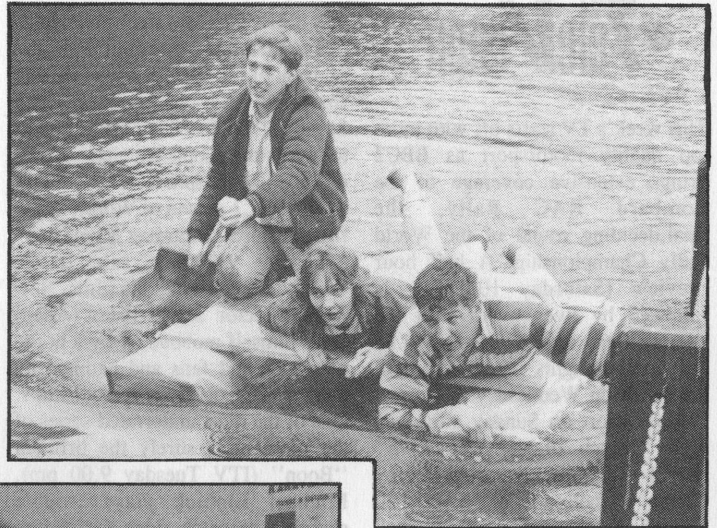
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## RAG Week

Mines President Geoff Parsons & RCSU Vice President Fiona Nicholas using their initiative.

Guilds Exec on their specially designed raft which is remarkably similar to that of RCSU last year.



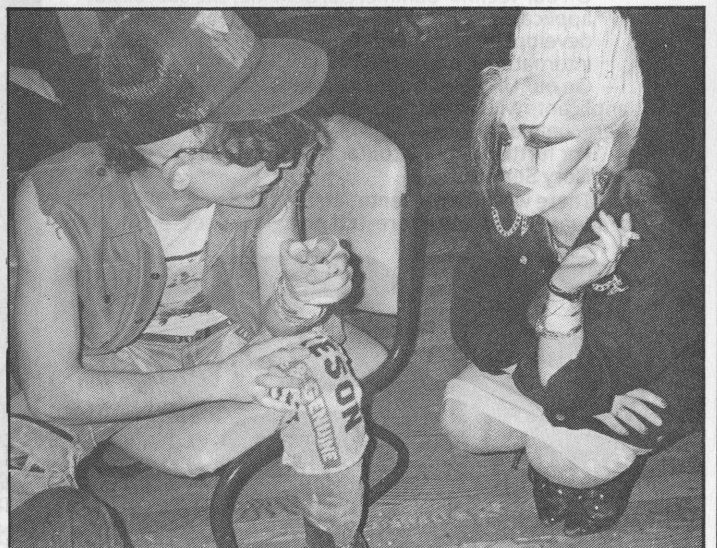
Hypnosis lecture has the same effect as one of Prof Haines'.

Fiona Nicholas shows Rag solidarity with Nige Baker.

Rag Chairman Nige Baker displays how to be dirty at the RSMU Dirty Disco.

Danny Shiu has been dressing up like this for years!

Rag 'n' Drag—Linzi chats up the unsuspecting.





# Previews

## \*TeleVision

This week's TV starts off with more top quality motorsport as BBC2 brings extensive coverage of the Lombard RAC Rally, the final, deciding round of the World Rally Championship. A half hour preview (Saturday 10.20pm) is followed by live coverage of the Weston Park stage ( Sunday 10.35 am) and highlights every night until the finish on Wednesday.

More sport on Sunday afternoon with "Match of the Day Live" (BBC1 3.00pm), featuring Derby County v Chelsea from the Baseball Ground. An alternative to the football is offered by ITV with Peter Sellers and Herbert Lom in the hilarious "The Pink Panther Strikes Again". Ex-inspector Dreyfuss escapes from psychiatric hospital and constructs a vast criminal network in order to exterminate Clouseau. The excellent "Spitting Image" (ITV Sunday 10.00pm) continues to extract the michael from the. Royals, the government, the opposition, stars of stage and screen and anyone else it can think of !

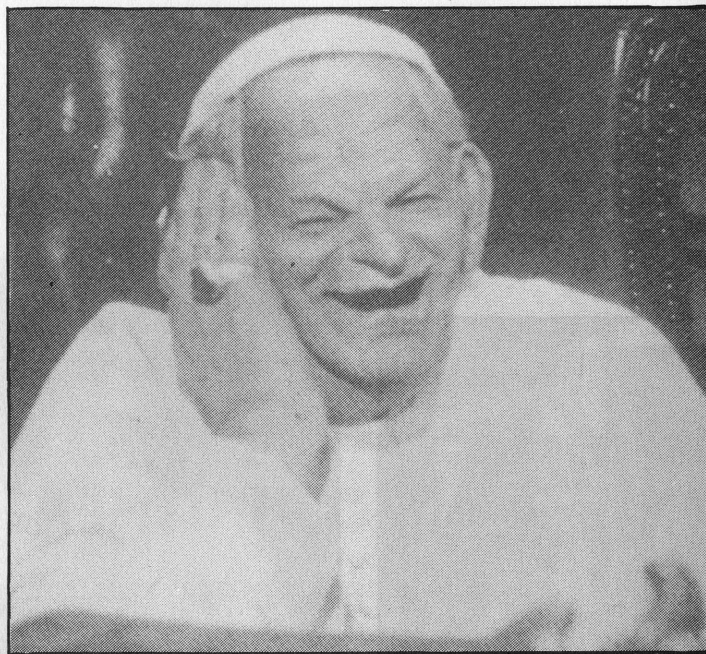
It's nearly 20 years since civil rights demonstrations precipitated the division of Northern Ireland into two sharply divided communities. Open Space (BBC2 Tuesday 7.35 pm) talks to two young people who have grown up in this atmosphere.

The BBC2 season of Woody Allen films features "Stardust Memories" (Tuesday 9.00pm), said to be Woody's favourite of his films. New York director Sandy Bates (Allen) finds himself mobbed by a horde of critics and fans and haunted by memories of previous relationships. One of the most underrated series of the moment is surely the brilliant "Boon" (ITV Tuesday 9.00 pm). Michael Elphick plays trouble shooting despatch rider Ken Boon, who this week helps out when a huge wedding reception brings more than Coaching Inn proprietor Harry Crawford bargains for.

"Cry Freedom: The Inside Story" (BBC1 Tuesday 10.15pm) goes behind the scenes of Sir Richard Attenborough's latest film. It tells the story of exiled South African newspaper editor Donald Woods and his friendship with Steve Biko, the black consciousness leader who died in police custody.

Friday morning sees another episode of "Rainbow" (ITV 11.10 am) when the ever-youthful Zippy, George and Bungle, with the now ancient Geoffrey, Rod, Jane and Freddy, discuss Communication. The annual "Children in Need" appeal is with us once again (BBC1 Friday

7.00pm onwards) when Terry Wogan, Sue Cook and a host of other celebrities introduce and evening of star studded entertainment to raise money for the deprived and handicapped children of the UK. Donations can be made by phone or at any Post Office.



## Graduating in Agriculture, Applied Biological Sciences or Biochemistry in 1988 or 1989?

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- On our UK Sales training scheme, the successful applicants will (after training) take up a position in UK Agrochemicals Sales.

For further details, contact the University Careers Advisory Service.

There will be a presentation for 1988 and 1989 graduates, and any interested postgraduates, on Monday

30th November 1987 at 7.00 pm in the Courtfield Suite, Gloucester Hotel, Harrington Gardens, London SW7 4LH. Refreshments will be available.

Applications should be received by Wednesday 13th January 1988. Preliminary interviews will be held at the Gloucester Hotel on Thursday 21st January 1988.

Those seeking appointments in 1988 should apply (using the Standard Application Form) to:- Ms D L Matthias, ICI Agrochemicals, Fernhurst, Haslemere, Surrey, GU27 3JE.



**Agrochemicals**

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## What's On

### FRIDAY

**Circuit Training** .....12.30pm.  
Union Gym with Cross Country and Athletics Club. Everyone welcome. Free.

**Orienteering** .....12.30pm.  
Brown/Green Committee Room (top floor of Union Building). Arrangements for following Sunday's event.

**Friday Prayer**.....1.00pm.  
The Union Building. See Islamic Society.

**Into the Night** .....7.00pm.  
STOIC will be showing 'Fawly Towers', 'M\*A\*S\*H' (the film), 'Blade Runner', 'A Nightmare on Elm Street'.

**Guilds Carnival**.....8.00pm.  
Union Building. Come to the biggest party of Rag Week. £3.50.

**RCS Darts** .....6.00pm.  
1,000,001 down. Southside. By the end of this 180 should be a doddle!

### SATURDAY

**Shotokan Karate**.....10.00am.  
Southside Gym. Beginners welcome. £1.

**Tang Soodo** .....4.00pm.  
Union Gym. Instructor P W Yap (4th dan black belt) beginners welcome. £1 members.

**60s & 70s Disco** .....8.00pm.  
Union Lounge. Proceeds to Rag. 50p to members, £1.50 others. See Rock Soc.

### SUNDAY

**RCS Darts**.....all day.  
The continuing saga. Keep on throwing!

**Wargames Meeting** .....1.00pm.  
Senior Common Room.

### MONDAY

**RCS Darts** .....early.  
The final act!

**Spenser's Breakfast Show**.....8.00am.  
IC Radio. The most lively start to the week. Includes interviews and quiz.

**Curry Soc**.....12.30pm.  
Weekly meeting. Southside Upper Lounge.

**Artsoc Meeting** .....12.30pm.  
SCR Union. Come to sign up and pay

your money for tickets for forthcoming events, eat biscuits and drink coffee. Free to members (membership £1.50).

**ICCAG Meeting** .....12.30pm.  
Rag Office.

**Circuit Training** .....12.30pm.  
Union Gym. Athletics and Cross-Country.

**Recitation of Holy Qur'an** .....1.00pm.  
9 Prince's Gardens. See Islamic Society.

**Golf Practice**.....5.30pm.  
Union Gym. See Golf Club.

**Concert Band** .....5.45pm.  
Great Hall. The penultimate rehearsal before the concert—all players please!

**Intermediate Ballroom** .....7.00pm.  
JCR. 80p. See Dance Club.

**Shotokan Karate**.....7.00pm.  
Southside Gym. Beginners welcome. £1.

**Beginners Ballroom** .....8.00pm.  
JCR. 80p. See Dance Club.

**Tang Soo Do**.....9.00pm.  
Southside Gym. Instructor P W Yap (4th dan black belt). Beginners welcome. £1.00 members.

**Guilds & RCS Radioshow** .....9.00pm.  
Prizes, good music and all the latest gossip!

### TUESDAY

**Christian Union** .....8.15am.  
Chemistry 231. See Steve Clark, Christian Union.

**ICNAC** .....12.30pm.  
Working in the USA is possible with BUNAC.

**IC CathSoc Mass** .....12.30pm.  
Chemistry 231. Quiet and contemplation between lectures or exams. Food provided (50p). All welcome.

**Boardsailing** .....12.30pm.  
Regular meeting in Southside Lounge to organise trips.

**Audio Soc**.....12.30pm.  
Cheap records & CDs in the UDH.

**Ski Club**.....12.45pm.  
Above Southside Bar, sign up for lessons and recreational skiing.

**Ind Soc Presents**.....1.00pm.  
Chem Eng LT2. Mrs Teresa Brookes from the Industrial Policy Unit of the Stock Exchange.

**Speaker Meeting** .....1.15pm.  
Read Theatre, Sheffield Building. 'The History of Art and the Art of Persuasion' by Professor Christopher Frayling.

**Holy Qur'an Recitation** .....1.30pm.

Prayer Room. See Islamic Society.

**Islamic Circle** .....5.30pm.  
Prayer Room. See Islamic Society.

**Amnesty Meeting** .....5.30pm.  
Brown Committee Room. Everyone welcome.

**Wine Tasting** .....6.00pm.  
Union SCR. Fine wines from California. £2 from Wine Tasting Soc.

**Judo** .....6.30pm.  
Union Gym. Next beginners' course—January.

**The Hunger** .....7.00pm.  
SF Soc shows the 'Hunger'. 50p to members.

**Caving Club Meeting** .....7.00pm.  
Southside Upper Lounge.

**Advanced Ballroom** .....7.00pm.  
JCR. 80p. See Dance Club

**OpSoc Rehearsal** .....7.30pm.  
53 Princes Gate. See OpSoc.

**Beginners Ballroom** .....8.00pm.  
JCR. 80p. See Dance Club.

**Dai Rocking** .....9.00pm.  
IC Radio (99.9kHz). The best in hard rock and not so hard rock music including the featured album every week with David Williams.

### WEDNESDAY

**Explanation of Holy Qur'an** .....1.00pm.  
9 Prince's Gardens. Talk given by Dr Darsh. See Islamic Society.

**IC Gay Okay** .....12.30pm.  
Green Committee Room, Top Floor of the Union Building.

**Ski Club** .....12.30pm.  
Above Southside Bar. Meet for trip to dry ski slope for lessons and recreational skiing. Bring gloves and thick socks.

**Golf Meeting** .....1.00pm.  
Sudbury. Regular weekly meeting.

**Caving Club Meeting** .....1.00pm.  
Union Snack Bar.

**IC SWSS** .....1.00pm.  
Green Committee Room, Union Building. 'The Russian Revolution'.

**Wargames Meeting** .....1.00pm.  
Senior Common Room.

**Beginners Rock n Roll** .....2.00pm.  
UDH. 80p. See Dance Club.

**Shotokan Karate** .....3.00pm.  
Southside Gym. Beginners welcome. £1.

**Advanced Rock n Roll** .....3.00pm.  
UDH. 80p. See Dance Club.

**Guilds Motor Club** .....6.30pm.

Mech Eng 750. All drivers and marshals going to Goodwood on Saturday—attendance is compulsory!

**ULU Meditation** .....7.00pm.  
Room 3A, University of London Union, Malet Street. Traditional breathing meditation. Everyone welcome. No charge.

**Motor Club** .....8.00pm.  
Above Southside Bar. Clubnight and Scalextric championship.

### THURSDAY

**ICYHA Meeting** .....12.30pm.  
Southside Upper Lounge.

**Audio Soc** .....12.30pm.  
Cheap records & CDs in the UDH.

**Socialist Society Meeting** .....12.45pm.  
Brown Committee Room. All welcome.

**Ski Club** .....12.45pm.  
Above Southside Bar.

**SFSOC Library Meeting** .....1.00pm.  
Green Committee Room, Union Building. Members only.

**Lunch-Hour Concert** .....1.30pm.  
The Music Room, 53 Prince's Gate. Elizabeth Turnbull (violin) and Christine Crowshaw (piano). Sonatas by Koczwara, Banrock and Schubert.

**Arabic Classes** .....1.30pm.  
Prayer Room.

**Gliding Club Meeting** .....5.30pm.  
Aero 254. Arrange trial flights, lifts to Lasham, talks and then to the bar.

**Orienteering Training** .....5.30pm.  
Union Gym. Social meeting held from 6.30pm onwards.

**Malt Whisky Tasting** .....6.00pm.  
Union SCR. Tickets available in advance from Wine Tasting Soc on Tuesday. £1.

**Judo** .....6.30pm.  
Union Gym.

**'After Hours'** .....7.00pm.  
Mech Eng 220. IC Film Soc present 'After Hours'. 50p members, £1 others (membership available).

**Gay/Lesbian Group** .....7.30pm.  
ULU Building, Malet Street. Mens group room 3a, womens group room 2e. Meet weekly for speakers and booze.

**'Howlin Wilf'** .....9.00pm.  
& THE VEE JAYS. In the Lounge. £1.50 (£1 advance).

**Soul Express** .....9.00pm.  
IC Radio. Danny & Ken present the best in soul & dance.

**ICCAG Soup Run** .....9.15pm.  
Weeks Hall Basement. See Imperial College Community Action Group (ICCAG).



# Reviews

## DIDN'T YOU KILL MY BROTHER? 15



By  
ALEXEI SAYLE  
DAVID STAFFORD  
PAULINE MELVILLE

Today Britain's most qualified criminal was released from Wandsworth Prison. While serving his sentence he has gained a staggering 428 educational qualifications including 147 'O' Levels, 41 'A' Levels, many City and Guilds certificates, and a HND in Business Studies. He is a hairdresser, has

starring ALEXEI SAYLE  
and BERYL REID, PETER RICHARDSON  
directed by BOB SPIERS  
produced by SIMON WRIGHT  
executive producers PETER RICHARDSON,  
MICHAEL WHITE

Carl Moss, who, along with his brother Sterling pursued a joint reign of terror in North East London gangland in the mid-seventies. They masterminded a string of

sentenced by the notorious Judge Hate to one hundred strokes with the lash, transportation to the colonies and eighty years community service.

### Didn't you kill my brother?

Another *Comic Strip* production made for Channel 4, *Didn't you kill my brother?* is an East-End gangland spoof concerning the notorious Moss—no relation to Kray—twins, Carl and Sterling (both played by Alexei Sayle).

When Carl is released from prison where he was framed for the murder of Eric 'Cheesedish' Sweeny by Sterling, the rivalry between the brothers is renewed. Sterling is the Al Capone of Stepney and Carl the reformed socialist visionary. During his stay in prison Carl gains 428 different educational qualifications including many City and Guilds certificates. He attempts to usurp his brother's bicycle stealing operation by setting up a workers' co-operative with the children Sterling forced to steal bikes.

Carl's idealistic socialism brings him into conflict with the community police led by Sergeant Chipstick (Peter Richardson) and the head of the 'family firm', his mother (Beryl Reid).

Basically, the film is an excuse for Alexei Sayle to do a stand up routine as he stumbles across London meeting old friends. Watch out for the great *Crime* cabaret act by Sterling—Sayle on home ground. His surreal humour is at best hilarious and at worst bizarre—"Where are all the spoons?"

## FILM

Plenty of great situations, such as the community police over-60s reggae club, the obligatory Dr Martens routine, Chinese Takeaway and Architects provide an ideal source for Sayle's observational humour.

This is as good a *Comic Strip* as any, but take a beer just in case.  
A.N.

### Mr Jolly Lives Next Door

Alcoholic incompetents Rik (Rik Mayall) and Ade (Adrian Edmonson) run the Dreamtime Escort Agency. Next door Mr Jolly (Peter Cook) is an axe-wielding psychopath, performing contract killings under the cover of a fluffy toy company.

After taking out a Japanese businessman for a 'good time' which involves visiting the sights of London, two dozen Old English pubs, an illegal drinking club and spending all his money, Rik and Ade's luck changes. Together they accidentally receive £3000 and a note meant for Mr Jolly to 'take out' Nicholas Parsons (himself). By using both their brain cells together they decide to spend all the money on gin. Then they then read the note. By contrived coincidence they end up going out with Nicholas Parsons and trashing his house.

Meanwhile, the notorious Mr Lovebucket (Peter Richardson), supplier of most of London's off-licenses (the others seem to burn down) catch the pair and force them to complete the contract on Parsons, supplying them with a gun, two grenades, a chainsaw and a fluffy rabbit!

This pure slapstick, *Comic Strip* style. Rik and Ade remain alcohol-crazed throughout their escapades and are a perfect double act, throwing up in all the right places. Peter Richardson plays the vicious and quite mad Mr Lovebucket convincingly, and Nicholas Parsons is suitably confused by the whole affair. Ade even has a tattoo to celebrate their meeting, saying "I've been out with Nicholas Parsons" across his forehead and when he looks in a mirror exclaims "Oh no! They put it on backwards!"

Riotously paced and way over the top, *Mr Jolly lives next door* is very funny in the best *Comic Strip* tradition.

(Currently showing as a double bill at the Cannon Baker Street, or available from Palace Video.)  
A.N.



## MUSIC

Live

### Vaselines, Membranes and Pastels

(ULU)

The *Membranes* are punk's revenge on the eighties, they lead you to an after-world where the content of the songs is overshadowed by thrashing guitars and trash drums, the God of this world sung jerkily, his eyes turned towards the ceiling. This, coupled with a sideshow consisting of two gentlemen, a pair of scissors, body paint and cellophane made for an exhilarating and comical set.

Such a performance as this, leads inevitably to a feeling of disappointment on being dropped into the more mundane world of the *Pastels*. Three to four years ago the fresh jangly pop tunes were exciting, surreal in their childlike view of life, but three years on there is little vitality to be found in Steve Pastel's voice which shamefully let down the wall of sound built up by the other members of the band. Starting with their best song, *Baby Honey*, their latest song, *Coming Through* closely followed. *Truck train tractor* stood out slightly mainly because of a few misguided yelps mid-song, but gradually the songs became as one, pausing slightly for sporadic applause. The first support band, the *Vaselines*, with a splattering of feedback still show a glimmer of hope, but their four song set was not really enough to judge them by.

B.D.

Bettina Demby  
Alex Noble

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## SCIENCE FICTION

### Hunger

The Hunger, Tuesday November 24 7.00pm ME 220, 50p members, £1.50 rest of the world Following hot on the heels of the rather cerebral *Scanners* we bring you the inimitable *The Hunger*, the story of a woman who, while researching the ageing process, discovers an evil, immortal woman who is searching for a cure—or replacement—for her ageing lover.

This is the film you all voted for (those present at the relevant library meetings—why weren't the rest of you there?). So I hope you all come, it's a goodie.

This one will start as soon as the last person to turn up before 7pm is seated, so anyone arriving at 7.15pm—don't be too surprised if it's started.

Watch this space for news of a double bill including *Highlander*, also *Star Trek IV* (we hope) and the Christmas sherry, mince pies and library meeting (you hope)!

## CURRY

### Hungry?

Fancy joining the Curry Soc? If you do, you could do worse than come to our meeting on Monday at 12.30pm in the Lounge above Southside Bar. We will be discussing curry recipes and arranging the next Curry Soc outing—so do come along.

Now for a review—*The Delhi Brasserie* in Cromwell Road. On walking through the door, *The Delhi* appears dim and smokey—or atmospheric depending on your point of view. On a Friday night it is usually packed and you may have to wait for a table. The service is slow, typically taking 45 minutes or more to get your meal. The food, however is very good, though the portions are on the small side. The menu is limited to the standard range with a few speciality dishes.

Be warned though *The Delhi Brasserie* is expensive, averaging £10 per meal even with the 10% discount for IC students. Not somewhere you could afford to visit every week.

#### Summary:

Food—v tasty  
Service—friendly but slow  
Surroundings—dim  
Price—expensive

## MOTOR

### Trials and tribulations

The Guilds Motor Club continued their assault on the country lanes of southern England with 'The Five Counties Rally', a 110 mile event from Sandhurst to Marlow on November 13/14 November.

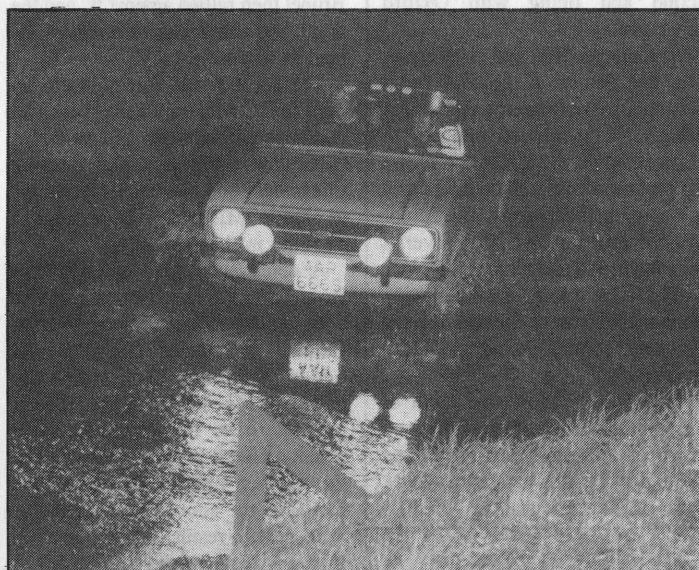
The format of these night navigational rallies is that coded instructions of a section of the route (typically 10 to 20 miles) are given to the navigator who translates this onto the map and then directs the driver around the route. The more experienced the crew, the more obtuse the form of code used. To check that the crews go the right way the organisers place passage control (PC) boards along the roadside which the navigator enters on the routecard.

Yet again the event was dominated from start to finish by Paul Dent/Paul

Brooks-Johnson, the only crew to drive the route totally correctly and only dropping 9 minutes in the process.

The event was also notable for the number of problems suffered by other competitors. The most serious of these affected the Mini of Clive Hudson/Timo Hannay. An electrical fault delayed their start and later on the car suffered considerable damage to the subframe mountings and floorpan when it went straight on at a 90° left-hander and crashed into a pile of logs.

Lee Stanley suffered an exploding clutch on his Marina and the Mini of the Honigman brothers lost its exhaust. Second again were Duncan Royle/Ian Hamill and third were Andy Larkins/Susan Forister.



## FILM

### Nightmares

IC Film Soc presents *After Hours*  
A chance encounter with a girl leads a young yuppie into a nightmare world where everything that can go wrong does. Martin Scorsese, who directed *Color of Money*, times his black humour perfectly, making this a film not to be missed!

Mech Eng 220, Thursday November 26, 7pm, 50p members, £1 non-members (membership available).

Also: Watch out for Film Soc's Tuesday films!!!

## STOIC

### Short night

Student Television of Imperial College presents *Into the Night*  
We haven't got the energy to produce anything similar to last week's extravaganza, so we have altered the times a bit, and made *Into the Night* shorter. We will be on air on Friday November 20 from 7pm until about 1.30am, showing films and music videos. From then on we will be broadcasting at the same time every week, so now you have some great entertainment to look forward to at the end of the week!

## AMNESTY INTERNATIONAL

### Held without trial

Ghassan Najjar has been detained without charge or trial since his arrest in April/May 1980. He is one of a group of engineers, doctors and lawyers arrested following a one-day national strike on March 31 1980 calling for an end to the state of emergency declared in 1962, the abolition of the state security courts and release of all untried detainees.

Ghassan Najjar is currently held in Adra Civil Prison in Damascus. In July 1984 Amnesty International appealed urgently to the Syrian authorities on his behalf after receiving reports that he had been transferred to hospital for urgent treatment earlier that month. According to reports received at the time, he had been beaten up by prison guards in an attempt to force him to abandon a hunger strike he had begun in June 1984 in protest against his continued detention without trial. He was also said to be suffering from a spinal injury.

AI appealed on his behalf again in October 1986 after receiving reports that he was suffering from a fractured spine, a damaged heart muscle (myocardial infarct), a stomach haemorrhage and stomach ulcers. His psychological state was described as very poor and AI remained concerned that his health was continuing to deteriorate in the absence of adequate medical treatment.

Please send courteous letters to urge the authorities to ensure that he be given all necessary medical care and treatment, and to appeal for his immediate and unconditional release. Write to: President of the Republic, Hafez al-Assad, Office of the President, Muhajirin, Presidential Palace, Abu Rummaneh, Al-Rashid Street, Damascus, Syrian Arab Republic.

If you need any help, come to our JCR lunchtime stall on Thursday, or contact Guy Sims or Monique Yeo (both Maths 2).





*The ladies' Novice Crew*

## BOAT

### Heading for home

**Fours Head of the River Race**  
This 3-mile race on the Thames, between Barnes and Putney Bridge produced a good showing from the 9 Imperial College crews in a field of nearly 500 crews.

The top two crews came 6th and 8th overall and 2nd and 3rd in their division of coxless fours only being beaten by the Great Britain crew who came 4th in the World Championships 1987. This was an excellent result for these two crews as they beat the top crews from Oxford, Cambridge and the University of London.

The third crew came in a respectable 33rd, second in their senior A coxless fours division. The fourth crew also obtained a good result coming 61st overall and 3rd in the Senior A coxed fours division,

being pipped by Cambridge by one second and tying with Oxford University.

The Colleges fifth and sixth crews both the Senior A coxless fours division also performed well coming 74th and 101st respectively.

Lower down the Club, the crews also performed well, all coming fairly high up in their divisions. The Senior C coxed four coming 220th overall while the men's and women's Novice coxed fours (both crews having members who have started rowing this year), coming 342nd and 411th respectively.

These results show the depth of rowing in the Club with the top crews up with the international crews and the Novices holding their own against crews of the same status.

## RUGBY

### Confident and rampant

**IC 1st XV 19—Brunel University 3**  
This was always going to be the toughest game in the group, but after three successive victories in the UAU IC were confident of a good win.

Unfortunately the weather was very poor and there were few glimpses of the IC attacking play from previous weeks. The team were well psyched-up and from the kick off the IC forwards drove the opposition back to their own five yard line and from the resulting scrum Andy Taylor charged down and attempted a kick for Rog Hargrove to score the first of three tries.

A few minutes later good kicking from Mike Anderson pinned Brunel in their own 22 and from a scrum ten yards out, a now rampant IC pack drove for a number 8 push over try. Brunel then rallied against IC and the wind, and after swapped penalties, IC lead at half-time 13-3

The second half was going to be hard for IC with only a ten point lead and severe conditions against them.

IC now changed tactics keeping things tight and playing for territory, as Jamie Mills was beginning to dominate in the line outs.

A determined solid defence kept Brunel for the first twenty minutes with great tackling from Adrian Kendell and James Derry, as IC began to claw back into the opposition's half. With fifteen minutes to go IC were awarded a penalty fifteen yards out. And from the number 1 move Rob Hargrove crossed to score his third. A tremendous result for IC leaving Rugby unbeaten in the UAU with 123 points for and 16 against. The man of the match was Tim 'Sniffer' Paul.

## BADMINTON

### Slow shuttles, fast toes

Good performances from all the teams so far have meant that Men's II are sure to qualify for the next stages of UAU while Mens I and Ladies both need a good win over Kent to make absolutely certain. It is particularly good to see the Ladies team doing so well having lost 4 players from the side that have been runners-up in the UAU Championships for the last 2 years. While the present pairs are not as strong as their predecessor they are nevertheless producing the results that count.

In the Hammersmith League, the mixed team has had a good start with 8-1 and 7-2 victories against Whitton and Crescent respectively. The latter match was notable only for the incredibly slow shuttles that were used. Julie and Sean got themselves in a right old mess before they realised that the shuttle could not be killed, and that maybe a 'push' game was a better idea. Bharat and Uta played level doubles as opposed to conventional mixed and Simon and Jo (in her first match) played very well to win 2 of their 3. Jo then spent the rest of the evening being persuaded by one of the Crescent men to play with his big toes!!

At that point we decided to leave.

## HOCKEY

### Spare gears

It has been a disappointing week for IC 1st XI. By far the worst performance was against Brunel on Wednesday. Apart from when the ball came straight at him, stoned goalkeeper Rolf Slatter was totally inanimate. In the outfield, the forward line failed to capitalise on IC's ample possession and the defence of Stonham, Garside, Lewis and Brooking looked hopelessly static against Brunel's fluid team-work.

On Sunday the 1sts turned out against Guilds (alias IC 2nds!) in the first round of the UL Cup. Despite only having nine players, C&G fought all the way with Andy Rogers and Duncan Fitter both scoring sharp goals and attracting the attentions of 1st team skipper Justin Brooking. As one would have expected, however, the 1sts cruised home 8-2 (Paul Skipworth—3), with several gears to spare.

## WATER—POLO

### Penguin flopped

**IC Water-polo 14—Penguins III 4**  
The match started on even terms (0-0); the Penguins surprised IC by opening the scoring. The rest of the quarter was hard-fought, ending 3-3.

After this IC's superior fitness pulled through, and the reserves proved that they were actually very competent (despite André's designer bermuda shorts). IC pulled ahead and generally annihilated the opposition—final score 14-4.

## TEN—PIN BOWLING

### Bowled over

**IC 10—Brunel University 0**  
IC came into their fourth game of the season needing a convincing victory (ie a whitewash!) over Brunel to have any chance of qualifying for the UCTBA quarter-finals.

Any hopes of winning the match seemed to have evaporated when all four squads lost their first games (although the ladies were unlucky to go down 461:460). What followed can only be described as a remarkable Imperial recovery with a simultaneous Brunel collapse—not only did IC recover from their perilous position but all squads went on to win their remaining games convincingly enough for a 10-0 match result.

## SAILING

### Wind problems

This week we set off at a mere leisurely time of 10.30am, to our venue at Queen Mary Sailing Club, against City (some 2 hours after our usual departure time). Cheered by this fact we arrived in good spirit spurred on by the fact that there was a force 5 wind blowing.

City were first out and made a noticeable lead on IC but not being put down IC fought back with some hair raising sailing to regain an overall lead by the end of the day. There had been a few swimming lessons for the crews of a couple of dinghys but most managed to stay upright despite the wind problems.



## ORIENTEERING

### Out of control

Last weekend, enthusiastic orienteers attended events both Saturday and Sunday.

Saturday's event was at Rowney Warren near to Cambridge and organised by Cambridge University Orienteering Club. In the morning there was an 'O' sprint and in the afternoon there was an 'Alcol' event. The 'Alcol' event was 1.5km long and had five controls each with an alcoholic drink which had to be consumed on the spot. A great time was had by all especially those members of the Club who stayed at the first control and drank it dry.

On Sunday, the Club 'tubed' it to Epping Forest and competed in a colour-coded event. Recent rain had made the course 'swampish'—one of the controls being situated in the middle of a marsh. Orienteers had to wade into mud, waist deep to stamp their control cards.

Next weekend is the Churhill Cup at the Forest of Dean. Training as usual on Thursday 5.30pm in the Union Gym.

## CROSS COUNTRY

### Useful leg

The Club has had two more outings since the last report. The first of these was at Guildford (Surrey) where we had a big turnout for the second leg of the London Colleges League. There were good performances all round taking the first team into 6th place (out of 12) in division one, and the second team into 7th place (out of 31) in division 2.

Our second race was also at Guildford where we took part in the Stag Hill Relays, which is renowned for its lack of hills. This may not have been our strongest team but everyone had good personal performances. No official results as yet but the race was won by a guest team from Guildford & Godalming AC boasting at ex-IC runner in Gavin Waterson. The first student team was from Bristol.

Please note a change of venue for the third London Colleges League race. This will not be at Shooters Hill as there are still trees blocking the course. Instead it will be a road race in Battersea Park. Keep your eyes on the notice board for further details.

## FOOTBALL

### Attack, attack!

CHXW II 1—IC II 2

Having stormed through the preliminary round 17-0, IC fancied their chances against Charing Cross.

Early pressure created chances for Neil Vandenbegin, Alan Glass and Guy Phiri, and finally, a superb chip from Rakesh Muthoo bounced down from the bar, and Byron Wood was there to stab the ball home. The second came about 5 minutes later as Guy Phiri skillfully rounded the goalkeeper and slotted the ball into an empty net. Just before half-time, Guy was fouled to give IC a penalty, and a chance to kill the tie. Russ Dark stepped up and confidently blasted the ball over the bar. This inspired CHXW II, and they rallied well in the second half.

Then came the moment people will talk about for years: An IC attack was broken down, leaving Byron Wood and a defender tangled on the floor. As they got up, Byron unleashed a right hook that Mike Tyson would've been proud of—had it hit anyone! The referee saw this and sent Byron off for an early bath. With IC down to 10 men again! CHXW pressurised, and shortly scored past Simon Holden. However, a very disciplined performance kept them out, except for a late disallowed goal, and IC go through to the next round. Thanks to Stuart Miller for vocal support,

IC 1sts 4—LSE 1sts 1

This game was very important; it was a league game and a UAU game. IC started the game well, closing down and chasing everything, although IC were playing against the wind in the first half they had most of the play.

IC conceded a goal, against the run of play, when the mid-field failed to clear the ball and gave it away deep in IC's half which left the defence helpless and an easy goal for LSE. At half-time the score stood at 1-0.

IC started the second half determined not to let the game slip away. They were putting LSE under a lot of pressure and with LSE playing against the wind they were finding it hard to prevent IC from scoring. The first goal came when IC cleared a corner on to which Paul Stott managed to run. Running into the box, he passed the ball across the face of the goal leaving an easy chance for Nigel Collier to score.

LSE were finding it hard to get out of their own half with IC closing them down and the wind making it very difficult to clear the ball. IC's second came when Simon Cole hit the net from 25 yards. Even though IC were having most of the play LSE seemed to have a lot of room when they were coming forward; something that will have to be worked on in the future.

Two more goals were to come; one from Paul Stott and one from Nigel Collier making the final score 4-1.

## CUT THE KRAP

*Cut 'n' Blow Dry £5.00  
Wednesday 10am onwards  
in the Ents Room (above the  
New FELIX Office)*

## —COLLEGE CHRISTMAS DINNER—

Tuesday December 8th 1987

Sherfield Building

7pm Reception—Ante Room, Level 1

7.30pm Dinner—Main Dining Hall, Level 1

*Carols, Disco & Bar Extension*

£11 to students, £13 to staff (including wines)

*Students should apply to Pat in the IC Union Office and Staff should apply to Mrs Finlayson, Room 533, Sherfield Building from 1pm November 16 to 1pm December 2nd*

Dress: Dinner Jacket OR Dark Lounge Suit

## RESULTS

### Football:

Cup 1st Round	
IC II 2.....	1 CHXW II
IC V 4.....	4 CXH II
IC I 4.....	1 LSE I
<b>Hockey:</b>	
IC 1st XI 3.....	0 Sussex Univ 1st
IC 3rd XI 1.....	2 Brunel Univ 3rd
IC I 0.....	6 Brunel I
IC I 0.....	0 Mill Hill
IC I 8.....	2 City & Guilds

### Badminton:

IC Mens 8.....	1 LHMC
IC Mens I 7.....	2 LSE
IC Mens I 8.....	1 Brunel
IC Mens II 9.....	0 LSE
IC Mens II 7.....	2 Brunel
IC Ladies vs LSE.....	w/o
Hammersmith League	
Mixed Division II	
IC 8.....	1 Whitton
IC 7.....	2 Cresent

## RESULTS (contd.)

### Water Polo:

IC 14.....	4 Penguins III
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### Rugby:

IC I 19.....	3 Brunel
IC II 21.....	3 Brunel

## FIXTURES

### Cross Country:

Sat Nov 21: Warwick Relays  
Wed Nov 25: London Colleges League III in Battersea Park

### Football:

Sat Nov 21: IC 1st, 2nd and 3rd IX vs New College  
Wed Nov 25: IC 1st vs UCI

### Hockey:

Sat Nov 21: IC vs 1st Polytechnic, 2nd Polytechnic, 3rd Kodak  
Wed Nov 25: IC vs LSE 1st and W RVC



## VAT not forgotten

Dear Judith,

With reference to the letter that you printed last week under the heading 'Slave Labour', you might like to note that all Summer Lettings Managers, except one, received bonuses of between 86% and 90% of the possible maximum. They also received a wage of £100 per week and free accommodation throughout the Summer Vacation.

The letter reiterated the suggestion that VAT on rents had been miscalculated. This is not true. When the prices were set it was decided that short stays should be charged at a higher rate in recognition of greater overheads and to increase income. Rents for the first four weeks of each stay were increased by between 5.7% and 8.3% while rents for subsequent weeks were increased by between 3.8% and 5.5%.

VAT is chargeable at 15% for the first four weeks and 3% for subsequent weeks. The difference in the inclusive rate charged for the first four weeks and that for subsequent weeks might be thought to be wholly attributable to the different VAT rates. Clearly as a higher rate was being charged for short stays, regardless of VAT, this wasn't the case. Nevertheless, one of the Summer Lettings Managers did the following calculation:

For example: Evelyn Gardens single rooms (inclusive of VAT)

First 4 weeks £45 per week. Subsequent weeks £39. Rent net of 15% VAT based on £45 per week = £39.13.

If the difference really had been attributable to VAT alone, then the rent for the subsequent weeks should have been £39.13 + 3% VAT. It was therefore assumed that there had been a miscalculation.

Of course, the calculation should have been:

£45 net of 15% VAT = £39.13

£39 net of 3% VAT = £37.86

Therefore the residence account benefits by £1.27 per bed per week on short stays. Since we are letting over 700 beds throughout the summer vacation, this adds up to a useful contribution to our efforts to keep down term-time rents.

Yours sincerely,

Michael Arthur, Assistant Secretary.

## Better driving?

Dear Judith,

Daren Austin's article on better driving (FELIX 784), while discussing the appalling standard of driving on Britain's roads today, fails to mention the two underlying problems:

1. Why isn't the 'ordinary' driving test more thorough in its examination of learner drivers? It is scandalous that within minutes of passing the test a driver can, without any experience, join a motorway where other vehicles are travelling at speeds in excess of twice that which the new driver is used to. Learner drivers also need to be taught the principles involved in driving in adverse weather conditions such as fog, ice and snow—and even night-

driving techniques. (How many people know the correct way to drive in icy conditions ie no sudden steering-wheel movements—to avoid wheel spins ?...).

2. Why must the legal age of driving be as low as 17? Why not 21 or 25? It is a sad fact that the under-21 age group is the most likely to have accidents which results in scandalously high premiums for motor insurance. (Example: Last year I was forced to pay £520 to insure a £600 car—and I have a clean driving licence).

This begs the question: Why should a 17-year old need a driving licence?

Yours,

John Berkenhead, Maths 2.

## Bigotry of WLC

Dear Judith,

I'd like to comment on an appalling piece of bigotry written by Dave Thomas in Chi Rho last week.

The article I'm referring to is entitled 'Is Gay OK? Let's Bash Gays' and reflects the personal opinion of someone in the supposedly peace loving West London Chaplaincy.

There has been a lot of spiritual waffle in FELIX recently, most of it disgustingly patronising, but that can only be expected. However the very title of this article is provocative and I think it offends not only gay people at IC.

Homosexuals are referred to as 'sinners' throughout the article, he constantly speaks down to us as if we are the pits of mankind.

Well I should like to inform Mr Thomas that we don't want his sympathy or help and the day we accept it will be the day we lose our last piece of self-integrity. Furthermore I think the few of us who have come out at IC really don't want to 'repent our sins, be released from homosexuality and become normal, heterosexual people'.

I wouldn't try to tell Dave Thomas that through careful, consistent screwing of men, he could be released from his christianity to become a normal gay person!

Incidentally the same rag recently suggested that people choose to be gay. This is another half-baked load of rubbish and if I could choose I wouldn't want it any other way. Indeed discovering you're gay is not an easy thing to come to terms with, and with the present social prejudices that exist, I can't see that one would choose the most difficult option.

Personally I don't mind people having religious views—everyone's entitled to believe in their own set of fairy tales if they wish. However how dare they try to tell people who are different from them that they are destined to the most horrible end if they don't repent.

The pomposity and double standards of the Christian church is quite remarkable on this subject.

Here's a few points that are no dafter than the rubbish you're trying to convince the rest of us of: Was there something odd about Joseph? He was married to Mary for several years and she was still a virgin when impregnated by an angel she wasn't even married to. Jesus hung around with 12 blokes all his life and never took an interest in women. Why is God always portrayed as a white heterosexual male shape with a beard? She might be a black lesbian!

Finally, has Mr Thomas noticed that the Sun recently treated us to the case of the 'gay sex-change monk'—what a lot of sin for you to condemn there.

Al Roberts, DOC 2.

## Small Ads

### ANNOUNCEMENTS

● **Anyone** expecting their Hall fees to be paid by RAFC Cranwell—please call into room 403a Sheffield. ASAP and see Lesley.

● **Join** Grunt-Grunt-Groan-Soc. Auditions held every night, 1am to 8am, room 45 Garden Hall.

● **Subwarden wanted** for Evelyn Gardens. Contact Student Accommodation Office for more details.

● **Lots of** shared rooms available plus 4 & 6 person flats in Hamlet & Lexham. Ring 3602 now.

● **Want to win** a bottle of MacAllan 18 year-old? Then come to a whisky tasting, Thursday 6pm, Union SCR, £1.

### FOR SALE/HIRE & WANTED

● **Having** a Christmas party? Book your disco now to avoid disappointment. For bookings contact Hans Beier on 870 8112.

● **For Sale**—Amstrad PC1512. Mono-monitor, 2 disk-drives, 640k & Turbo Pascal and other software, £450. Contact Anthony Kisky via pigeonholes in room 219 Huxley.

● **For Sale**—B&W TV in very good condition. Phone int 5241, home 603 2923 (ask for Nahy).

● **Party? Party?** Hire the disco with the power to satisfy. Systems up to 4kw sound and 5kw lighting effects. Extensive record collection. Very good student rates. Hans Beier 870 8112.

● **One Whitesnake** ticket for December 29, Wembley Arena for sale. Call Jane on 452 8952 after 7pm £12.

● **Wanted:** One competent lecturer to teach 2nd year electro-magnetism. Apply to Dept of Physics.

### SITUATIONS VACANT

● **Chem Eng 3 Rep.** Apply to S Casey via Chem Eng pigeonholes.

### PERSONAL

● **Bruce**—love you lots! Alex the Greek.

● **St Thomas' Hospital** engagement stakes:  
Dom and Emma 2-1 (on fav)  
Toby and Yvonne 3-2  
Charlie and Big Sue 4-1  
Toby and Sue 7-1  
Toby and anyone 33-1  
Basil got lost in the maternity ward.

● **Level 7**—Lost for words for once, girls??

● **Beware**, always wear slippers when on Level 7. You never know who you might wake up!!!

● **Free** van-bending service. Custom bend your minibus. Apply Andy, Physics



## Small Ads continued

- **Ra-Ra-Ra!!** Heffie huggable again—go for it!
- **Edna, Edna** wherefore art thou Edna, Arnold xxx.
- **Hark!** Who can I hear (wearing a suit) pas de deux above my head.
- **Take your** partners for the level 8 waltz
- **Vous-êtes** né quand? Fay Gl. (Dah Fay Gay).
- **Ho Gia'** mangiato Milano, adesso Phyllis e' la tua volta.
- **Is there life** after Catherine Deneuve?
- **Watch out!** Mark is on the shark this weekend. If you're a tidler at a 21st party on Saturday watch out.
- **You don't** have to be wet to join Bumbly Soc, but it helps.
- **Watch out!** Thumper's about—hic.
- **Bumbly Soc** couldn't fight their way out of a wet dustbin.
- **Blah Blah** Kenya blah blah servants blah blah alarm clocks.
- **Adventurous?** Osmonic? Interesting? If not, join Bumbly Soc and meet dozens just like you.
- **Anyone** want to show Mike what a condom is?
- **Hey Mike** we'll show what a condom is. The Girls 127 HG.
- **Did anyone** find an electric water pistol after the beer festival? If so contact Dave Williams, Physics II.
- **Mad Dan**—I challenge you to a game of Killer. The Caped Avenger.
- **Join** PK's airforce next flight, JCR next beer festival. Occasional practice in EM lectures, Wednesday's standards were not good enough. The Penthouse Club.
- **What's** the difference between rhubarb and a gooseberry? Find out next week.
- **Beware** the Wellington Bomber Sketch. The Penthouse Club.
- **To the** girl in the designer dress—we liked your legs best. Love and kisses from the Penthouse Club (formerly 130 HG).
- **I need** your body, Tina Turner. My legs are nowhere near yours. The Chairman, the Penthouse Club.
- **Dai**—occasional residence is required for membership of the Penthouse Club.
- **Killer** is only a game Mike. You don't need a doctor to sign the death certificate. The Penthouse Club.
- **Angeles**—tenias razon, te quiero mucho mas de 10 que yo creia.

## LOST &amp; FOUND

- **Lost** during beer festival—Dunn & Co cloth cap. Probably too small for you. If found please return to P Kendall, Physics 2—REWARD.

## Bad taste letter

Dear Judith,

May I congratulate you on a highly amusing issue of FELIX last week. The letter entitled 'In the ear of the beholder' was second to none in its 'politeness' and sense of good fun; Ray Bradbury would, no doubt, have agreed with Mr Cholesterol's fatty acidic comments.

Broadsheet tries to amuse as many of its readers as possible in order to stop them feeling 'pissed off'; if this does not work for you Mr Cholesterol, I'm sorry, there is no accounting for taste. Maybe you should have written to Broadsheet in order to display your great command of the English Language, no matter, apathy rules, OK?

While I'm putting pen to paper, I'd like to say a little about the idea of Norman's selling condoms. Is Norman serious? Are Imperial College students now expected to restrict their sexual activities to lunchtime and early evening, and will the current ICU policy concerning sex in the Union Building have to be changed? One last question; does this herald the world's first ever tandoori condom?

Yours, in bad CCU taste and polysaturatedly,

Dave Smedley, RCS Broadsheet Editor 87/88.

## Wharfdale

Dear Judith,

In reply to Simon Cholerton's letter (FELIX No 784). I have provided a little illustration which will hopefully show that my English is not as degenerate as he would have us believe. Take it away Wharfdale...



Yours sincerely,

Noel P Curry, Chem III.

P.S. I'd rather be 'pissed off' than pissed on.

## Opinionated

Dear Judith,

In last week's FELIX, Hugh MacKenzie laid down something of a challenge; to answer the question—'How come a woman can choose to end the life of her child simply because it is still in her womb?'. I would like to take up that challenge.

OK, so what makes me different from all the rest of the uninformed and opinionated dross who spout forth voluminous quantities of rhetoric on what you should and shouldn't do? Well, firstly I have 'been there' for someone

who has had to make the decision and secondly I have taken the trouble to talk to those people who have the majority of the burden to bare—women!

I assume that the objection being raised is, not to all abortions whether they be for physical or psychological reasons but to those abortions on the grounds of 'unwanted complications'. So what constitutes an 'unwanted complication'? Poverty, illegitimacy, ambition, possible handicap, you name it, there are loads of reasons all of them very important to the individuals concerned—and I think that this is the key fact that everyone seems to be overlooking. There is always a danger that in laying down the law for the majority, the needs of the individual are ignored, but in a matter such as this, the needs of the individual are overwhelmingly important. No responsible woman takes the decision lightly, they always suffer great agonies before deciding either way—so who are we to say that we know better! We can answer for ourselves (possibly) but God help us all if we lose that freedom of choice.

And then there is the question of the exact point, during a pregnancy, at which 'cell division' becomes child growth. This is the pivot about which morality questions must revolve. I would argue that this point occurs when the developing foetus 'thinks' for the first time. We all know of hypnotic regression back to the foetal stage, but how far back does that memory go? Until this is answered the debate will continue—I hope it is answered soon so that a definite date can be given for the beginning of life.

Steve Mercer, Physics III.

## Threats?

A letter received by FELIX earlier this week for the special attention of the Guilds President, Dave Tyler.

Dear Dave,

If the attendance figures at the Carnival aren't what you would have liked them to be, it's probably because no one knows there actually is a Carnival. In an interview with STOIC (and we still have it on videotape if you feel like quibbling, so if I were you I'd keep my mouth shut) you said that it would be impossible to move around Imperial College without seeing publicity for this Carnival. Well, I've been moving around College quite a bit, and I'll be buggered if I can see one tiny speck of publicity. Actually, that's not quite true. I have seen two posters. One was hanging off the wall in the Union Building by a solitary piece of blue tack, and the other looked as if a bird had gone to the toilet on it. A bit prophetic, perchance?

Don't you have anything better to do except 'phoning us up and ranting insane and utterly meaningless threats? I seem to recall that this isn't our first brush with you. Didn't you once threaten to take away all our funds? We all had a good laugh over that one, I can tell you.

Having said all these nasty things, I would like to end on a somewhat more sympathetic note. Brain cells are very valuable things, and since you're so short in that department, why don't you just abandon your attempts at rational thought altogether?

And another thing; right after your first nasty 'phonecall, you rang again asking for a video cassette player! A bit two faced, don't you think? Anyway the answer is 'get sodded, Tyler'. This being written on Tuesday evening, and I hope that you still haven't found a VCR!

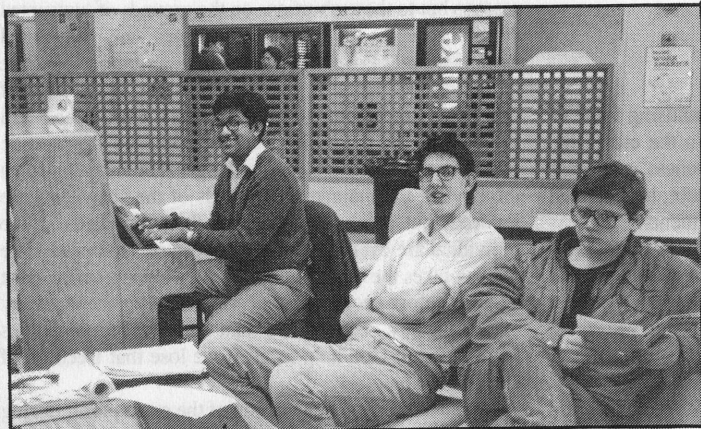
Yours sincerely,

Charles Robin, STOIC Hon Sec.

P.S. Dave, you're not nice. That's why no one likes you.



## Chas Brereton during the last hours of his 40 hour piano playing marathon



## Elected

Thomas Anwell of the Department of Civil Engineering has been elected London Regional organiser for the National Students Industrial Society at their conference in Brighton recently.

## Planned

A plan to redevelop the Gloucester Road tube station has been passed by the Kensington and Chelsea Council's town planning committee. The plans include shopping facilities, offices and a residential area.

## Yummie!

'It's going to be wonderful'

So commented Norman Jardine, the Union Snackbar Manager, on how Norman's is going to receive a boost from next Wednesday in the evenings when an adventurous new menu is introduced. In addition to the existing dish of the day, pies and salads, now omelettes and toasted sandwiches will be served.

Customers will be able to choose from a variety of fillings, and the omelettes and toasted sandwiches will be cooked to order. To minimise queues, a new ordering system based on cloakroom tickets is being introduced.

## Rag Week

### Exec Initiative

The Royal School of Mines Executive fours boat crew won the Morphy Oar on Wednesday. The result was later disputed because the team only included one member of the Executive whereas both the Royal College of Science Union and City & Guilds Union had all three members of their executives in each team.

### Morphy Day

Rag Chairman Nigel Baker was left stranded in Ashford, Kent when ICU Honorary Secretary Chas Jackson and Chris Davies stole their minibus during the Exec Initiative Test earlier this week.

## Brainless

Guilds President Dave Tyler has threatened STOIC, the student television service, with damage to their equipment if they broadcast tonight.

STOIC started regular Friday broadcasts with an all-nighter last week, which attracted over 150 people. Dave Tyler has expressed his worry that attendance of the Guilds Carnival will drop if STOIC choose to broadcast at the same time. He has also threatened to fine the Society.

## Ladder missing

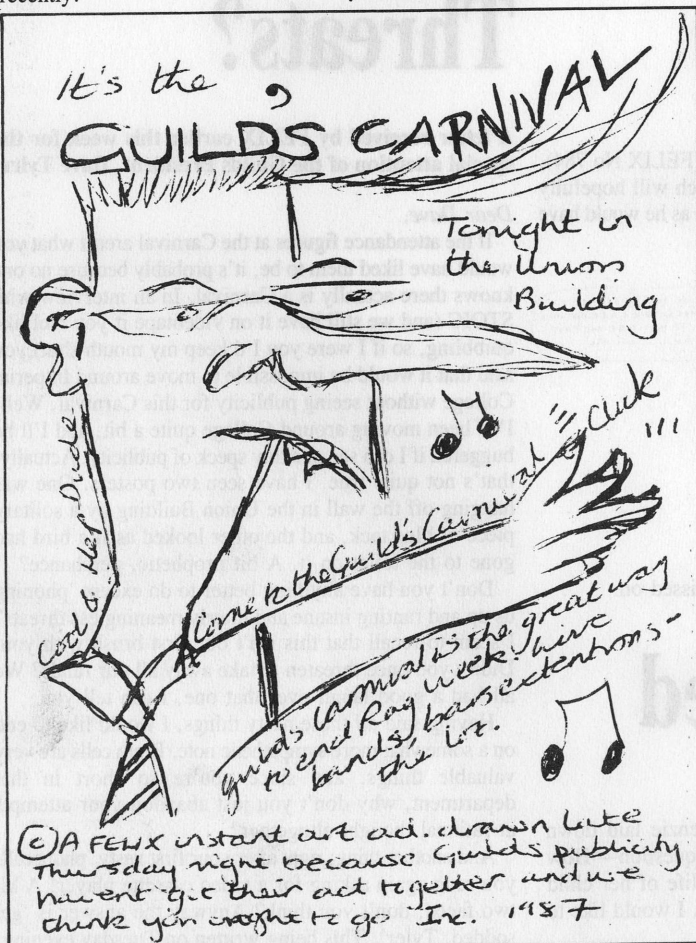
Dramatic Society's ladder has been abducted from the Union Lower Lounge by members of the ICU Executive and Guilds Union. They have been told that they will only get it back when they pay £20 to the Guild's swear box. If they don't pay, Guilds have threatened to sell the ladder for scrap.

DramSoc lighting director Dave Isherwood has slammed the disappearance as stupid and lighting may be affected at tonight's Guilds Carnival.

## Trying to break the record



Members of the Jewish Society have been persuading students to join their letter writing campaign in the JCR. They are trying to break the world letter writing record by writing 7,500 letters to one man in one day. They have chosen Michael Stolar who is a Soviet Jew and who has been declared a 'non-person' by the Soviet authorities.



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