



FELIX

Founded 1949

The Newspaper of Imperial College Union

SHOT FIRED IN COLLEGE!

Armed gang grab £26 000

Armed robbers stole a sum of money reported to be as much as £26000 from outside the College branch of the Nat West Bank on the morning of Monday 17 September.

Two Security Express men were held up as they were making their regular Monday morning delivery to the bank. The two gunmen, one wearing what appeared to be a policeman's uniform, fought with the guards as they were about to enter the corridor leading from the rear of the Sheffield building to the bank.

A shot was fired by one of the gunmen who then made off with the cash. One of the guards gave chase while the other alerted bank officials who phoned for the police.

The gunmen split up after the shot was fired. One ran around the back of the Lyon Playfair Library towards 170 Queensgate while the other ran through the corridor in the basement of Sheffield.

A student eye-witness who was on the Walkway at the time of the incident also gave chase. He ran through the Huxley Building, hoping to intercept the robbers in Queensgate. They had already made their get-a-way, however, possibly by means of a waiting car.

The robbers were described as 1) white, apparent age 40/42, stocky build, 5'11/6', black hair, straight moustache, dressed as a policeman. 2) white, apparent age 30/35, dark clothing, white crash helmet.

Anyone who saw either of the two men above, or who saw anything suspicious, should contact Chief Security Officer, Geoffrey Reeves.

Crime rate plummets - police say

The crime-rate at College is falling, according to a recent report by the local police.

Only 66 bicycles were stolen from within the College last session, a drop from 102 in 1982-83. Local police see this as vindication of their cycle coding policy, where owners have their postcode and house number stamped on their bicycle frame. Many people are unable to give the frame number of a bike after it is stolen, so the coding gives an easily remembered number.

Free cycle coding sessions will be held this year on the ground floor of the Sheffield Building throughout the first week of term, from 9.00am to 5.00pm (Tuesday 12 noon to 5.00pm).

The new policeman for the College, PC Andy Bennie, can be contacted through the Union Office, the Security Office, or by phone at Gerald Road Police Station on 434 6533.

Micros missing

Micro computers' worth around £8,000 have been stolen from the College during the summer vacation.

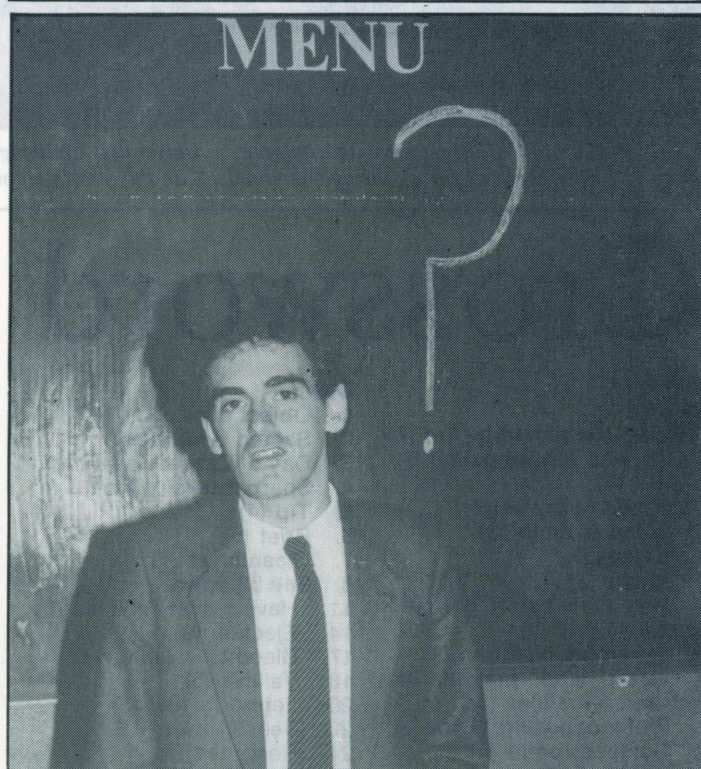
A total of ten machines, all either BBCs or Apples, have been reported stolen, mainly from the Chemical Engineering and Aeronautics Building.

'The first theft occurred in late July when three micros were stolen', said Mr J Boroughs, Security Officer.

'Five more went during August, and two during September.'

Most of the missing micros were situated in laboratories. It is thought by administrators in the building that the thefts occurred either soon after 5.30pm or in the early hours of the morning.

The number of thefts, and the apparent ease with which they were executed, highlights the problems with security on the campus. The whole question is currently under revision by senior College officials. One course open to them is to secure high-risk areas with a new, improved 'Assa' lock that has recently come on the market.



Norman Jardine, the new Union Catering Manager, was confident last week that the Union Snack Bar would open today, on schedule.

The small refectory in the Union Building was run by the College until the Union's successful take-over bid in August this year.

The snack bar, open from 10.00am to 3.00pm, plans to sell a selection of cold and hot food including salads, pies, quiches, filled sandwiches, soup, and deserts such as cheesecake and gateaux. This is in contrast to the traditional 'meat and two veg' meal available from the College refectories.

The snack-bar will also provide cold drinks and freshly-filtered coffee. Mr Jardine, pictured left, was appointed by the Union on September 1 to establish the new snack-bar. He comes to Imperial College after doing a post-graduate catering course at Sunderland Polytechnic.

University Challenge



The last College team to compete in University Challenge, pictured above, got as far as the quarter-finals. Can this year's team do better?

Granada TV has invited Imperial College to take part in University Challenge.

We last took part during 1981/2 session when the team pictured won three consecutive rounds of the competition to reach the quarter-finals.

The Union is now looking for four students (undergrads or postgrads) to represent IC. Why not try your hand at the questions below? Dead easy, aren't they?? All of them have been used on the real programme. If you think you would like to represent IC in University Challenge, then come along to the Senior Common Room (in the Union building) on Monday 8 October at 1.00pm. A short paper of typical questions has been prepared that should take you around 30 minutes to do. This will be used as the first step in the selection process.

The best ten or so students emerging from this test will be invited to battle it out, face to face, and televised by STOIC, so that we end up with four students to make up the team plus a fifth, travelling reserve.

Model Questions

1. What is the name of either of the two old men in the theatre box in the Muppet Show?
2. In what year was Julius Caesar assassinated?
3. Of what small town did Patrick Bronte become the rector in 1820?
4. What is the name of the French village almost all of whose inhabitants were massacred in 1944 by the Germans?
5. Where is the Sylvan Fissure?

Crossword

Crossword

ACROSS

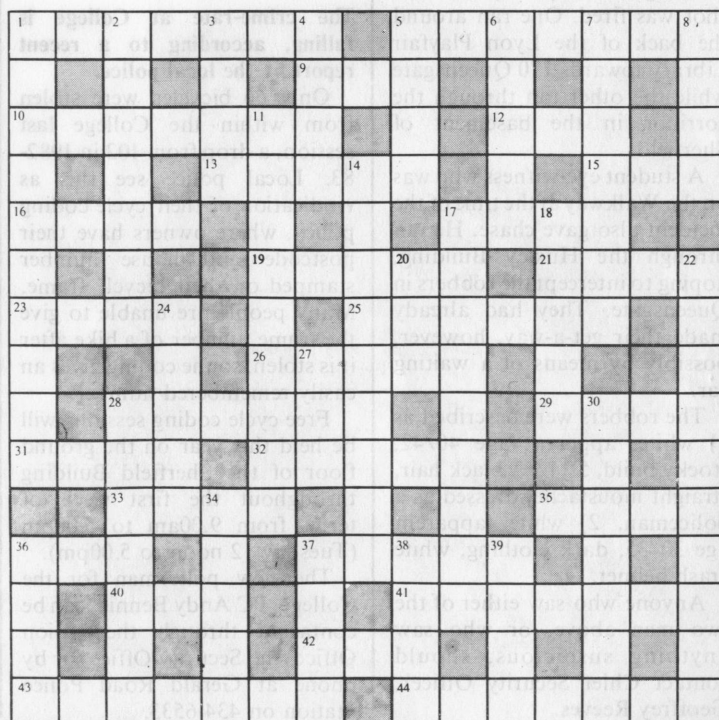
1. Being consumed by fire (7)
5. One who throws balls (7)
9. Fuss (3)
10. Songs of praise (7)
12. Scrap of cloth (3)
13. Great (5)
15. Anger (3)
16. Male party before one gets knotted (4)
17. Venerable historian (4)
19. Actor who played the musician on the tiles (5)
21. Prefix opposing words (4)
23. Compass point (4)
25. Impotent (6)
26. Criminal (5)
28. Tracks (6)
29. Heavy breath (4)
31. Spot (4)
32. Increase (5)
33. Made backwards (4)
35. Is twice a goddess (4)
36. Life's double helix (3)
37. Bury (5)
40. Cut off (3)
41. Worship (7)
42. Resistance unit (3)
43. Grade (7)
44. Greek letter (7)

Down

1. Object of support (10)
2. Sacred traditions (7)
3. Day of Caesar's warning (4)
4. Sharp intake of breath (4)
5. Tip (4)
6. Brief (5)
7. Cleanliness (7)
8. See 36 down
11. Having many shapes (9)
14. Ejection (9)
17. Bleed tank (anag) (9)
18. Valleys (5)
20. Lennon's wife (3)
22. See 36 down
24. Recorded (5)
27. Age (3)
28. Halt! ET's (anag) (7)
30. Put in (7)
34. Disgust (5)
36. (& 8 & 22). Who needs a base rave?! (anag) (4,4,2,1,3-4)
37. Image (4)
38. Safe (4)
39. Grooves (4)

Bring your completed £5 prize crossword to the FELIX office by 1.00pm Wednesday 10 October.

PINOCCHIO



GLC final fling

A competition to encourage London's students to find ways of turning swords into ploughshares — and possibly even to market them — was launched by the Greater London Council today.

Aimed at engineering, science and technology students, the competition calls for ideas for developing civil uses for military technologies. Students submitting the most promising ideas will be given between £200 and £500 for their departments to spend on equipment to enable them to develop their projects.

The final selection will be made next autumn. The first prize will include £250 in cash and the possibility of development and marketing support from the Greater London Enterprise Board — the GLC's job creation agency.

Michael Ward, who chairs the GLC's Industry and Employment Committee, said last week: 'Converting the extremely sophisticated technology of the arms industry to peaceful social

uses makes economic sense for London. Our economy is unhealthily dependent on the defence industries — with over 88,000 people employed in them. Now many of these jobs are at risk. Over the past 20 years defence spending has gone up by 20 per cent but at the same time the number of jobs has gone down by 25 per cent.

Defence jobs are threatened by new technology, rationalisation and privatisation — like the selling of the Royal Ordnance factories in Enfield. Current estimates say 200,000 jobs will be lost in this country by 1987. Arms conversion could protect the people in these jobs and lead companies to produce life enhancing not life destroying products'.

Details of the competition can be obtained from the Greater London Conversion Council, South Bank House, Black Prince Road, London SE1 7SJ, or by telephoning 01 633 6495. Outline submissions should be submitted by November 30.

Alice in Wonderland

The computer language ALICE, developed by Dr John Darlington at Imperial College has been selected by the Alvey Directorate as their Compiler Target language (CTL).

A CTL is an intermediate code which acts as an interface between hardware and software. To take advantage of super-fast 'parallel processing' all languages used will compile down to this single intermediate code. In turn, all novel architecture under development in the programme will run code generated from the CTL. This should mean that all the software developed will run on all the machines.

The Alvey directorate was set up in 1983 to fund and co-ordinate British research into developing the so-called 'fifth generation' of computers.

News up-date

New Hall

A new Hall of Residence has been proposed by College, and plans are being drawn up for a building on top of the Sports Centre in Princes Gardens. The provision of a new building has become necessary because College has been unable to find a suitable existing building to buy. The new Hall is expected to provide high quality accommodation for 150 students, mainly postgraduates. The study bedrooms may contain toilets and showers en suite, or flatlets may be provided.

New Chair

Professor Norman Franklin, FRS, OBE, CBE has been appointed to a new chair of Nuclear Engineering in Chem Eng. Professor Franklin was, until recently, head of the National Nuclear Corporation. He has been a lecturer at Leeds University and the Managing Director and Chief Executive of UKAEA.

The new chair is being jointly funded by BNFL, UKAEA and the CEBG. Professor Franklin is 60.

New Tutor

Dr L S Kershenbaum has been appointed to the post of Senior Tutor, taking over from Dr R W Smith. He will take up his new post for four years from October 1.

Nutbeem

Super-messenger Jack Nutbeem retired last week after 20 years at Imperial College. Jack was a familiar sight all over the College, and was well-liked by staff and students alike.

Mickey Davies

The former College Secretary, Mr M J (Mickey) Davies CMG, OBE, MA died on the 8 of July, after a long illness. Born in South Africa, in 1918 he was a student in Cape Town and Oxford. After a long and distinguished career in Her Majesty's Overseas Civil Service, he became College Secretary in 1962, and steered the College through a period of intense development and expansion. He was made an Honorary Fellow on his retirement in 1979.

Mickey Davies was a popular and talented administrator and his loss will be felt with regret by his friends and colleagues at Imperial.

He leaves a widow and three children.

Search to replace Quirk

The Vice-Chancellor of the University of London, Professor Randolph Quirk, is to retire on August 31 1985 when he will have reached normal retirement age. The Vice-Chancellor is academic and administrative head of the University.

The search for a new Vice-Chancellor has already begun, with the establishment of a special Senate Committee which will consider recommendations from members of the University.

Those wishing to suggest a name or names for consideration should write by Monday 22 October to the Secretary of the Committee, Mr P Taylor, Clerk of the Senate, Senate House, Malet Street, WC1. Communications should be marked "Personal."

Sabbatical successes

All four sabbatical Union Officers were successful in their exams this year. President Ian Bull got a 2.1 in Mechanical Engineering, Deputy President Dave Parry got a 3rd in Physics and Honorary Secretary Eric Darbyshire got a 2.2 in Physics. David Rowe, the FELIX Editor, got a 2.2 in Chemistry.

Last year's officers have all found employment except for the

former Hon Sec Sean Davis who still has a year-of his Physics course to complete.

Former President Gaynor Lewis has a job with Lloyds Bank in the city and Christine Teller, last year's Deputy President, is working for Chartered Accountants Arthur Anderson. The FELIX Editor, Pallab Ghosh has gone into journalism.

Lehman's point of view

Professor Manny Lehman, until recently Head of Computing at Imperial College, was summoned to NATO last month to speak on reliability in software engineering applied to defence systems.

This follows concern in the West that more than 80 American defence firms were sold millions of potentially faulty

micro chips. This has re-inforced popular suspicions that a war could be started by computer error.

Professor Lehman, one of Britain's most eminent software engineers, takes the view that a nuclear holocaust is more likely to occur due to computer error rather than human intention.

Alpha not good enough

A recent Science and Engineering Research Council report entitled 'Support of Research Grants' has highlighted the increasing inability of the Council to fund all of its highest priority research projects.

The SERC is one of the quasi-governmental bodies responsible for funding postgraduates in the UK and it is the Research Council that Imperial has most dealings with. Academics submit research project proposals to the Council in the hope that they will be accepted for funding. The Council grades the projects according to their likely contribution to the subject, their long term industrial applicability and relevance to industrial needs. Those projects graded 'alpha' are the highest priority projects and it is these which are suffering.

For the science board the number of unfunded 'alpha' projects has increased from fifteen (1.4% of the total) in 1977/8 to 274 (26.3% of the total) in 1982/3. In Engineering the decline has been more sudden with all 'alpha' graded projects funded in 1977/8 but in 1982/3 149 (27.8% of the total) went unfunded.

The report indicates that this funding shortfall has resulted in many older academics stopping research work and in younger intellectuals leaving the UK for Europe and America in order to obtain research funding. It is concluded that unless all 'alpha' projects can be funded the instability of higher education in Britain will be lost resulting, in a reduction in the quality of trained manpower in science and engineering.

Professor G Bull of Metallurgy and Materials Science acted as one of the consultants to the report's Steering Group.

PG Tips

First of all, may I, on behalf of the Postgraduate Group, welcome all new PG's starting at Imperial College this week. By now you've no doubt heard a thousand times how wonderful IC is, it's all true!!! Be you MSc or PhD, I hope you have a happy and successful stay.

As you will soon find out IC has an unusually high proportion of PGs about 30% at present, rising to 40% over the next few years. Unfortunately, what with the pressure of work and a diversity of outside commitments, a large number never see the College outside of working hours. This is a great pity as the College and particularly the Students Union has many facilities to offer.

From some of the best College Sports Clubs in Britain to a wide range of recreational and social activities. I urge you to get involved.

The biggest independent group in College however is the Postgraduate Group, you are all automatically members. I hope you will involve yourselves and help organise its activities. We can only provide events if we get support. Our first General Meeting will be at 4.00pm in the Holland (along the walkway towards the Huxley building) on Tuesday 2 October. This will be followed later by a disco at 8.00pm with a cheap bar. Tickets will be free but limited in numbers. I suggest you attend the meeting if you want to guarantee getting in as there will be very few tickets on the door.

As Chairman of the PG group I sit on the Graduate Studies Committee and IC Council and we also have a representative on the Safety Council. So if you have any complaints or suggestions about your course, working conditions, or the running of the Students Union, please drop me a note via the IC Union Office or the Subwardens Flat, Falmouth Hall. I shall see what I can do!

This year we have an exceptionally strong Postgraduate Committee. Who will give you as much support as you give them. We'd like a busy year.

Chris Hendy
PG Chairman 1984/85

Silwood Sports

1st annual PG-Silwood Sports Day

The first annual Silwood Park—South Ken postgrad sports day took the form of a 13—a—side cricket match; that is the South Ken captain took 13 'players' and informed the Silwood skipper once it was too late to do. The date was the first cloudy Friday of September, the venue: Silwood Park, Sunningdale; transport: minibus. The journey was rapid, with only one stop—on a roundabout, to avoid a car which had right of way. It was still early morning without a Silwood soul stirring as practice started and lunch was taken until it was time to start. Being impoverished postgrads, there was no coin to toss with, so the Silwood skipper, covering his watch, asked our captain whether the second hand was closer to the six or twelve. He must have pondered for half a minute before guessing correctly, to field first—a sensible decision since Silwood were still missing men, and since he was providing the new ball and knew how it was likely to swing in such conditions. Too right, 23 wickets were bowled—but it certainly fooled the opening batsmen and exhausted the signalling umpire who would still have to bat. So despite the potential penetration of the strike bowlers, quick bowling changes were made, with the skipper himself coming on to bowl. By the fourth ball of the over the non-striker was falling asleep, mesmerised by the flight of the gently lobbed ball, and by the whistle as the leather spun wicketwards

through the air he rested on his bat while his partner, at last making contact with the ball, dashed up the wicket attempting a quick run. Reliable Smith returned the ball to the wicketkeeper, a simple run-out, and first blood to South Ken

Progress was slow against tight bowling, with Barnett, the leg-spinner and yarn-spinner, keeping one end wider control, and Rynbeck taking the next two wickets to fall. A couple of hookers were soon together in the middle, but with a fielder placed square just beneath the horizon, Barnett knew how to tempt them; and before long Smith and Jones were beneath mistimed shots. Jaynes, Islam and the skipper then took control of the situation, and brilliant captaincy brought the run-rate to a standstill—by constantly moving fielders around and forgetting about bowling the ball. And when the bat-flinging final overs arrived, Baggs behind the stumps bagged two stumpings off Graham, with the home finishing on 136, Larter swinging his bat, and scoring 15 in 24 balls, and Day having a good afternoon with 29.

At tea, South Ken were 23 without loss, although Collins went soon after: but Jones and Chew punished anything short, hitting high over the rabbit-droppings on either side of the wicket. The all-rounder, Ellison, who was imported for the match (recognise that name?) replaced Larter after a spell of six overs of left-arm lobs, after he had taken a wicket in the 5th and the 6th; with Le Mesurier bowling a good length, at 53 for 3 Silwood were in a healthy position. But wait—isn't that Ian-Botham-give-it-a-wallopp-Richard striding to the wicket. In three steps he's out there, hits a six off his third ball, and South Ken are whirlwinding to victory.....

When the rain began, play continued. When the sky blackened, and the heavens opened, and the wicket keeper couldn't see the ball, Richard hit another six. But at that, the fielders ran for cover, still 40 runs needed in 20 overs.

Jones by now out, but still punishing anything short, sent the captain to the minibus to collect a few bottles of beer to help pass the time. The umpires made an inspection and decided it was fit for play, and shortly afterwards the rain relented, the sun shone, casting long shadows. A few, fielding slips occurred as not even Adams' pace bowling could stem the flow of runs, and South Ken duly won at, 6.20pm.

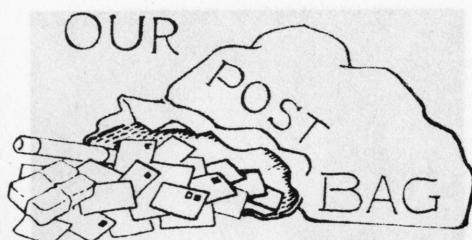
Drinks followed, until about 10.15, and Warwick Road was sighted at 11.30. The petrol-station 'mastermind' card gave the answer 'Colin Cowdrey', and the empties were taken away by Dave's girlfriend who teaches in an infants school, she thought the children might like them. Final thanks go to Jeremy Rudd, their captain, and to Chris Hendy who couldn't turn up.

Silwood 136 (Extra 29, Adams, 29 Day 21, Barnett 3-24, Rynbeck 2-14, Islam 2-17, Graham 2-28)

South Ken 137-5 (Jones 30, Chew 37, Richard 44 not out; Larter 2-29, Le Mesurier 2-29)

South Ken won by lots of wickets.

Pat Pocock, Physics Dept



Marxist claptrap

Dear Sir,

I was shocked and dismayed to find that the Union is presently seeking to press upon students literature and other paraphernalia which extol the virtues of the Marxist-controlled Greater London Council. To subject students, including first years, overseas students and those of a nervous disposition innocently visiting the Union Office to get their Union card, to the sight of the External Affairs Officer dancing around festooned with 'I love Red Ken' badges, stickers and balloons is enough to put them off ever coming near the Union building again. No doubt they will also get the impression that Union General Meetings will be taken up with similar time-wasting issues of no direct relevance to students, and so not bother to turn up.

Yours sincerely
J Martin Taylor
Chem Eng PG

Here we go again

Dear Sir,

On Monday 1st October at each of the Freshers' UGMs a motion will be proposed that tries to encourage students to think about the issue of equality in their Unions. These motions, if not stopped by the Union Presidents, will probably be shouted down, or ridiculed.

Freshers will soon discover that the College they have joined is full of political and philosophical apathy, that their student leaders lack initiative and any political drive. At a College where nuclear weapons, apartheid, sexism, pornography, animal rights, human nature are far more than just theoretical ideas in an abstract argument. Where students are faced with these issues in their studies, research, future jobs and social life we are told naively that this Union is non-political.

Over this academic year there will be a campaign to change the attitudes of students at Imperial, to get them to apply their reason and thought outside their academic fields.

We do not aim to create a left-wing or a right-wing Union, we want it simply to be one that is intellectually active and aware.

Yours sincerely,
Michael P Newman

Sorry state

Dear Sir,

During the last twelve months two serious (and potentially very dangerous) accidents have occurred within my department.

The first accident involved a cylinder head on an oxygen cylinder releasing a jet of flame out of the back plate. The head was effectively destroyed and so as an interim measure the metal gas distribution manifold was replaced by lengths of rubber tubing. It was possible that the gas cylinder or its contents were at fault and so the cylinder was kept in order that it could be sent away for analysis. All this was ten months ago and the rubber tubing is still there—as for the gas cylinder it stands in a corner gathering dust.

In the second accident, a glass vessel exploded with appreciable force whilst being worked on by a glassblower. I believe that when College officials were investigating the event their whole attitude was blasé and, rather than leave the case open for further investigation, they preferred to laugh it off as a joke saying that it seemed like they had a mystery.

If this is the attitude of College to incidents involving employees—incidents where sight, hearing, even life itself could have been lost—how would they react to ones involving students?

I strongly suspect that double standards would come into play and, bearing in mind that students are second class citizens at IC, I shudder to think which way they would fall.

Finally let me say that in no way is the departmental safety committee to blame for any of the above—I believe that it is wholly the indolence and attitude of certain Staff in Sherfield that have caused this sorry state of affairs.

Yours sincerely,
Hugh Stiles
Chem Eng PG

Optimism

Dear Sir,

Congratulations on your first issue of term!

I hope that FELIX will differ this year from issues of previous years in that it will be free from hypocritical errors.

Yours sincerely,
Lancelot Wake
Chem Eng 3

Space filler

Dear Sir,

It has always been a source of interest to me as to how it is that the last letter in the page always takes up exactly the right amount of

FELIX

The financial question

It would be reassuring if Ian Bull, Union President, were to make a categorical statement at Thursday's UGM that Clubs' and Societies' finances will not suffer as a result of an oversight by last year's sabbatical officers.

Contrary to Union By-Law 6, (which states 'the finance of the Union shall be administered by the Council which shall allocate grants to the sub-Committees and authorise other Union expenditure') the financial estimates for this year, which should have been presented to last year's Council in May, have not been put forward. This is probably due to an oversight by Christine Teller, last year's Deputy President. Consequently the finances of every Club and Society in the Union are now in question. This reflects badly on last year's sabbatical officers and last year's Union Council.

Such an oversight is symptomatic of a disregard for proper financial procedures; something that the College will be quick to point out and take advantage of when the Union negotiates its annual subvention.

If the President does not give such an assurance it can only be assumed that he is willing to misuse his position as the most important man in the Union Office to oversee the perpetration of financial misdemeanours which will work to the detriment of both Union Clubs and Societies and the Union—that is to say us—as a whole.

To ignore this oversight in the hope that it will go away would be an ostrich-like abdication of his Presidential position.

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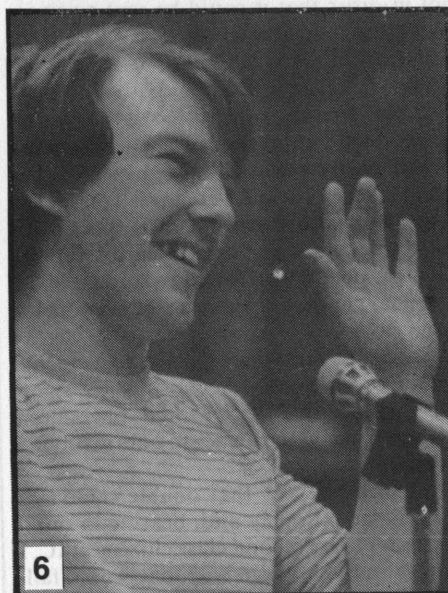
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Felix Photo File

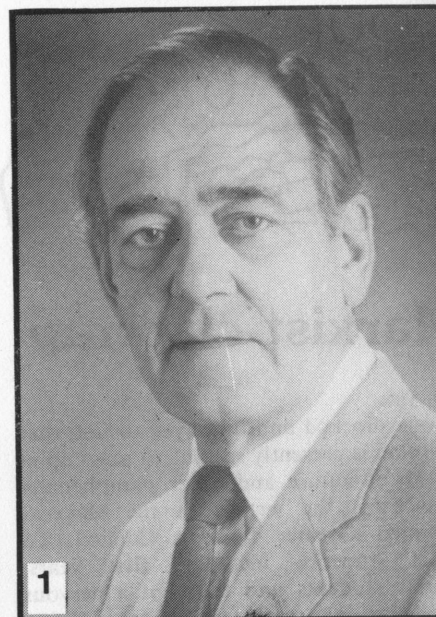
Among the hordes of new faces to which you will be exposed in your first week at Imperial, there are a few that belong to people who are more important (or think that they are more important) than the others. Here, then, is FELIX's guide to such big-shots, big-heads and busy-bodies. (It's up to you to decide which is which!)



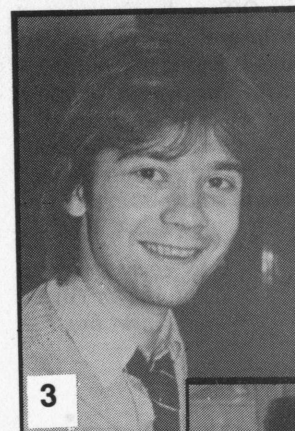
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8

KEY

1. Lord Brian Flowers, Rector of Imperial College. The Rector is academic and administrative head of the College, and probably spoke to you at the Freshers' Reception. He was a Physics don at Manchester. Brian is the SDP's spokesman on Education in the House of Lords, and is Chairman of the Committee of Vice-Chancellors and Principals.

2. Ian Bull, President of Imperial College Union. Like Deputy President and Hon Sec, Ian was elected last term to represent us for 1984-85. Authoritarian, impulsive, pig-headed and ugly, likes to show who's in charge. Fond of Guinness, and last year's president.

3. Dave Parry, Deputy President of IC Union. Dave is in charge of finance, fixtures, furniture and fittings, and occasionally turns his hand to females, felony and photography. Fond of beer.

4. Eric Darbyshire (with an 'a'), Honorary Secretary of IC Union. Eric takes care of insurance, transport and operating the toy printing machine in the Union Office (when he remembers to put any paper in it). Fond of beer.

5. Lester Kershenbaum, Senior College Tutor. Lester has recently taken over this job, but has been Senior Tutor in Chemical Engineering for some time, so he knows what he's talking about.

6. Sean Davis, UGM Chairman. Sean is Chairman of the Union General Meeting (UGM), the sovereign body of the Union. A UGM chairman requires a distinct voice and a clear style of delivery. Unfortunately Sean has neither of these, but he does have a good knowledge of the Constitution.

7. Kathy Tait, Union Receptionist. Kathy is the first line of defence in the Union Office. She is the one who will help you, in the first instance, if you come to the Union with a question. If she doesn't know the answer then she'll almost certainly be able to find someone who does.

8. Don Adlington, Student Counsellor. Don is the man to see if you have any problems. He is the student counsellor and his office is at 15 Princes Gardens. The strictest confidence is guaranteed.

There's a lot more for students at the sign of the Black Horse

We know that as a student you have a fixed amount of money to live on. You need the most efficient means of handling your money.

Of course, a Lloyds Bank current account gives you a cheque book. And when you pay in your first LEA or SED grant cheque, you will get a Cheque Card to guarantee your cheques for payments to the value of £50. You will also receive a free Cashpoint card. This lets you draw up to £100

a day (if your account can stand it) from any of 1550 Cashpoint machines, many on or near college campuses. You'll also get regular statements, so you know exactly where you stand, and help and advice on money problems when you need it.

While you are a full-time student we'll run your current account completely free of normal bank charges, as long as you stay in credit.

And if you are interested in a Deed of Covenant, we can help with that too.

Call in and find out more – our staff are always keen to help.

SPECIAL OFFERS FOR NEW STUDENTS

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**Offers available to first-year, full-time students until 31st October, 1984.*

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[SABBATICALS

BULL!

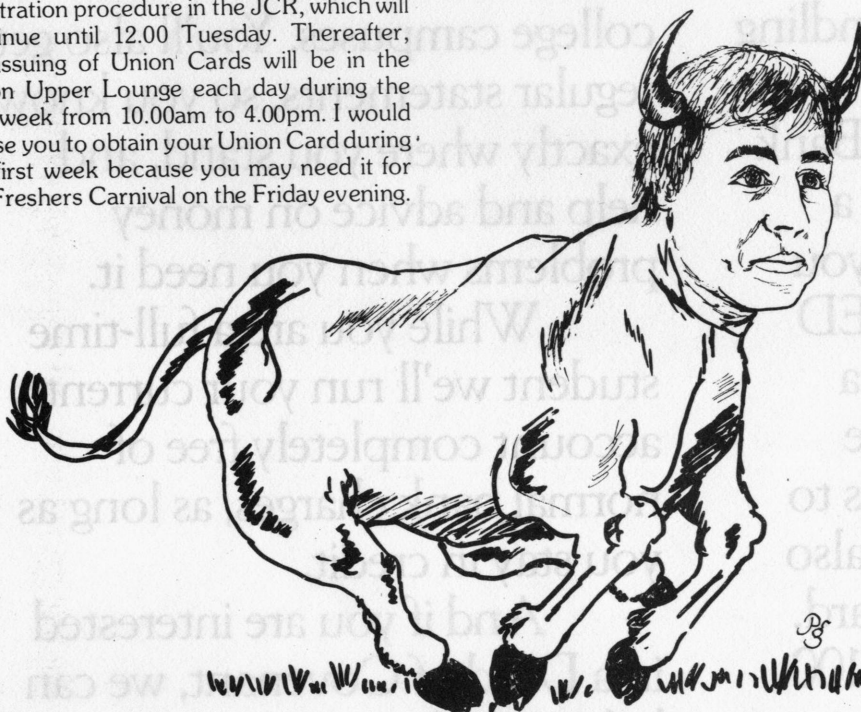
Hello and welcome, or welcome back, whatever the case may be. The FELIX editor has very kindly allowed us some space in his latest work of art to pass on a few items of interest for this week.

Crash Pad

If anyone should be in the unfortunate position of having nowhere to stay, there is a "Crash Pad" in the Union Upper Lounge. Just bring along a sleeping bag and we'll provide a floor.

Registration, Grant cheques and Union Cards

Elsewhere you will find details of the registration procedure in the JCR, which will continue until 12.00 Tuesday. Thereafter, the issuing of Union Cards will be in the Union Upper Lounge each day during the first week from 10.00am to 4.00pm. I would advise you to obtain your Union Card during the first week because you may need it for the Freshers Carnival on the Friday evening.



Registration and issuing of Grant cheques will continue on Level 3 in Sherfield from 2.00pm until 5.00pm on Tuesday, and 9.30am to 5.00pm each day thereafter. A word of warning. You must register and obtain a registration slip first of all because no Union Card or Grant cheque will be issued without a registration slip. You will also require 2 passport photos (black/white or colour)

In addition, there will be a collection during registration for the World University Service. WUS is an educational charity and has a special concern for academic freedom and human rights within the educational sphere. The money raised will be donated to the central World University Scholarship fund, so please give generously.

UGM Thursday 1.00pm Great Hall

The Union General Meeting is your opportunity to make sure that the Union is doing or does what you want it to, so please come along. The President of the University of London Union, Delyth Morgan, will be

coming along to talk to you about ULU and related activities. Since you are also a member of ULU, this will be a good opportunity to find out more about ULU.

Students Union

The Union receptionist, Kathy Tait, has recently started with us and we hope that she enjoys her time at ICU. If you have any queries about the Union or anything else, don't hesitate to ask her. We would also like to welcome Rosemary Ivor-Jones, FELIX receptionist and typesetter, and Norman Jardine, Catering Manager for the Union snack bar.

Please be patient if they don't have an immediate answer to your query — it does take a while to get use to a new job and place of work.

Darbyshire dithers

Parking Permits

This year the Union has been allocated 178 parking spaces of which 4 are used by our minibuses, thus there are 174 to distribute amongst the student body. Application forms are available from the Union Office and must be returned by 5.30pm on Friday. Successful applicants will be listed in the following week's FELIX.

Insurance

If you are resident in an Imperial College Hall or House you should have already seen a summary of the insurance policy, if not they are available from the Union Office. If you want to take out extra cover or if you don't understand it come and see me (Eric Darbyshire) and I'll try to help. N B Bicycles are not insured on this policy.

Parry prevaricates

Freshers Fair

Tomorrow afternoon in the Union Building and Sherfield it's Freshers Fair. All clubs and societies should have stalls — if you can't find yours on the map or list then find me in the Union Office. Clubs are not allowed to take any money off you for subscriptions. All they may do is take your name and department so as to contact you later.

Refectory

The Union has now taken over the refectory in Beit. This should (hopefully) be open from 10.00am to 3.00pm each week-day. Elsewhere in this issue you should find more about it; but if you have any suggestions or criticisms then either tell Norman, the manager, or me in the Union Office. We hope you use this outlet well and the only way we can satisfy you is by letting you have a say in what we serve so please do so.

Bookshop and Sports Shop

The four Unions jointly run and own the bookshop and sports shop on the Sherfield walkway; we try to provide the cheapest quality paper and stationery along with all the books you will need in the bookshop. The manager, Roy Hicks, is always open to suggestions about stock for both the shops. The sports shop is the place to go for all your clothing and sporting needs and is open from 10.00am to 4.00pm Monday to Friday.

STA

Just inside the JCR is an office belonging to Student Travel, Australia. This company specialises in cheap student travel by both air and land. They can book you on flights overseas or coaches to destinations in the UK or Europe. The staff are mainly ex-students and so can help you with all the hassles one encounters.

Theft

This college is in a high rate petty crime area. With over seven thousand people on this campus it is not worth leaving anything around unattended whether it be in a lab, a changing room or the Union office, because it will undoubtedly disappear.

All this week in the Sherfield Ante-room (opposite the messengers desk on the ground floor) the Met Police will be stamping bicycles with the owners' post-code. It's free so just take your bike along to give them a better chance of giving it back to you when it gets nicked.

Games Machines

The video and pinball machines in the Union go wrong occasionally so if you loose your money or a bit is broken then tell us so we can have it repaired, otherwise a lot of people will get annoyed because they've been ripped off as well.

FRESHERS' FAIR

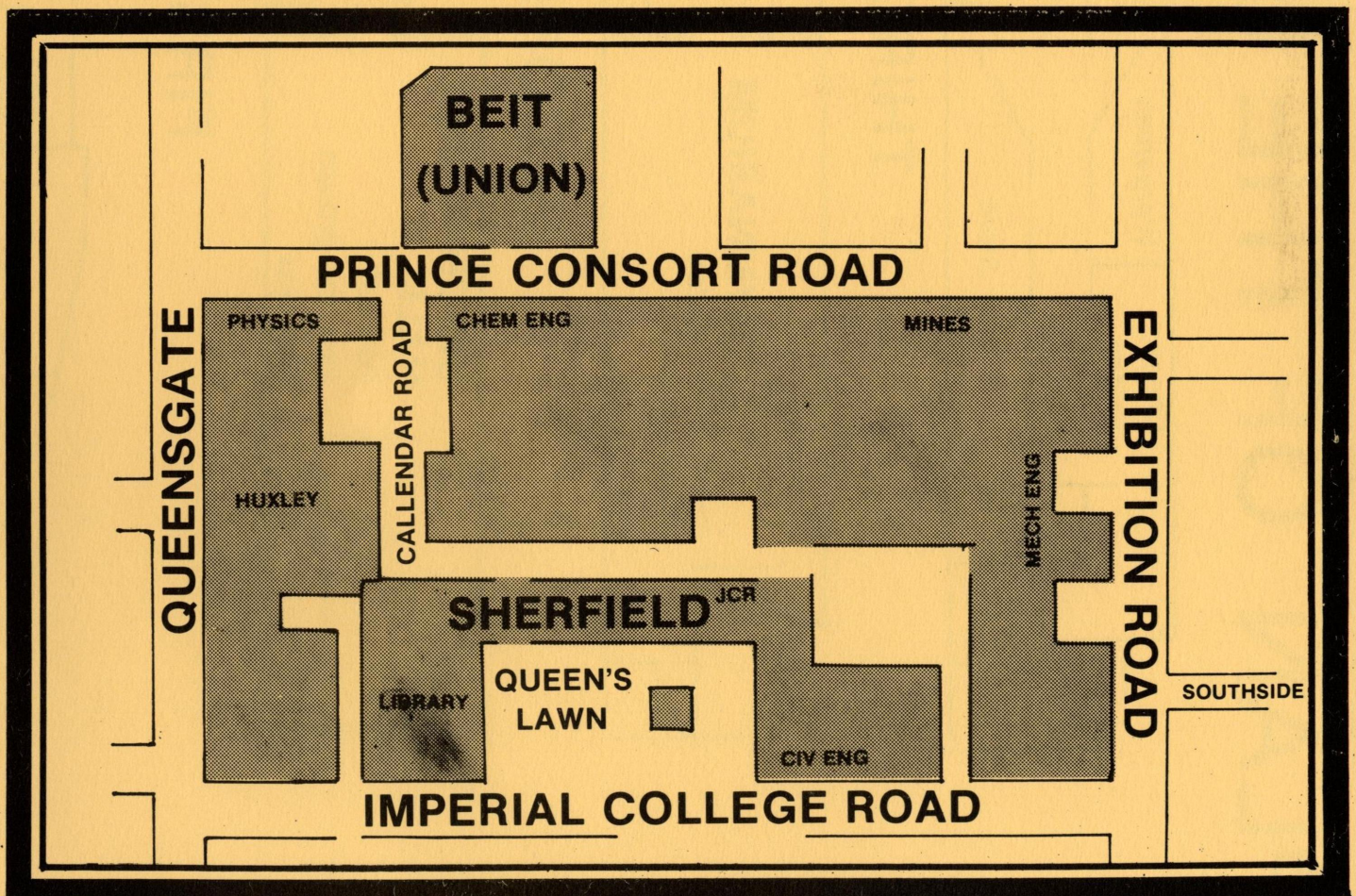
FRESHERS' FAIR '84

—Tuesday 2 October 2.00pm—

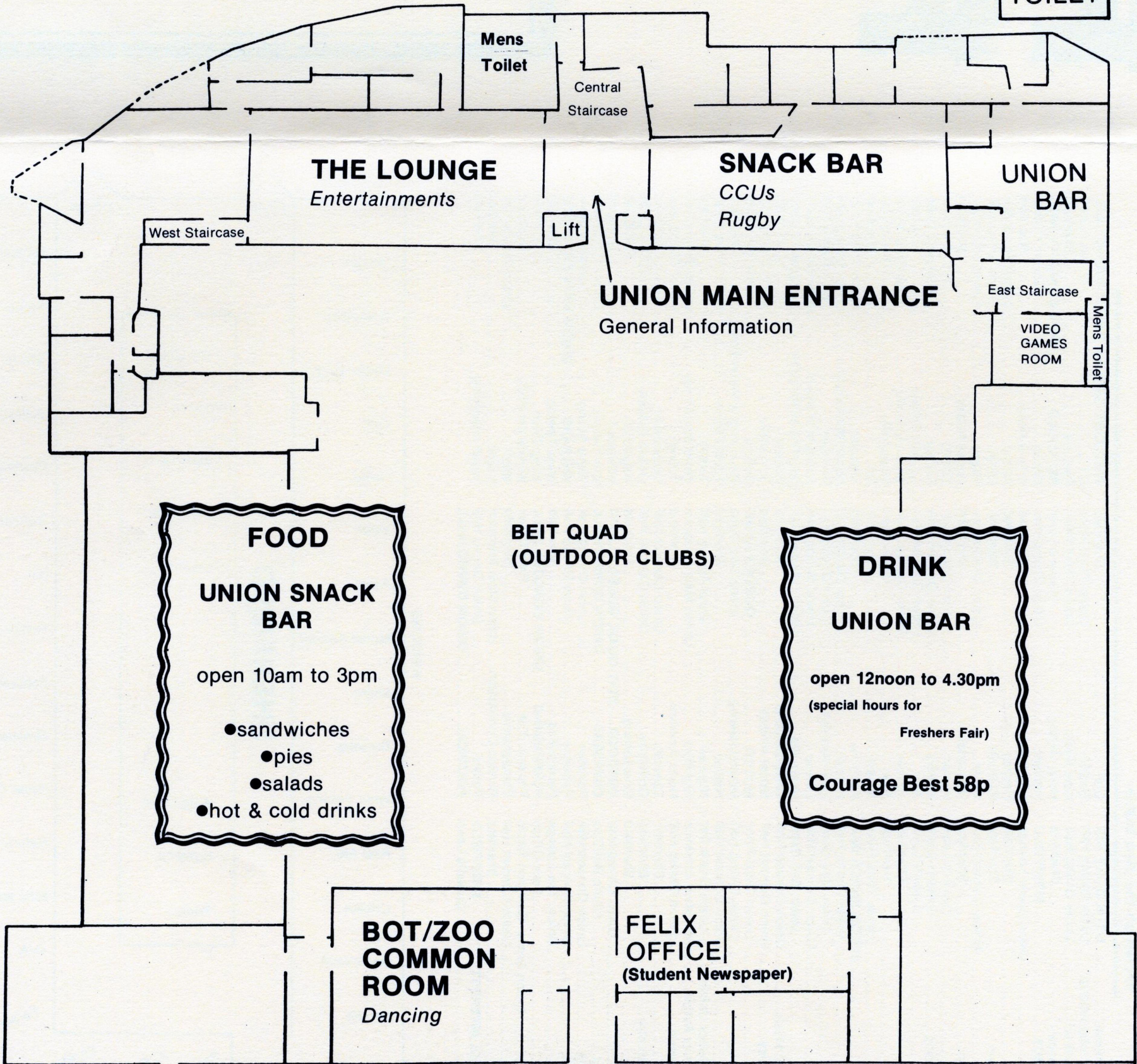
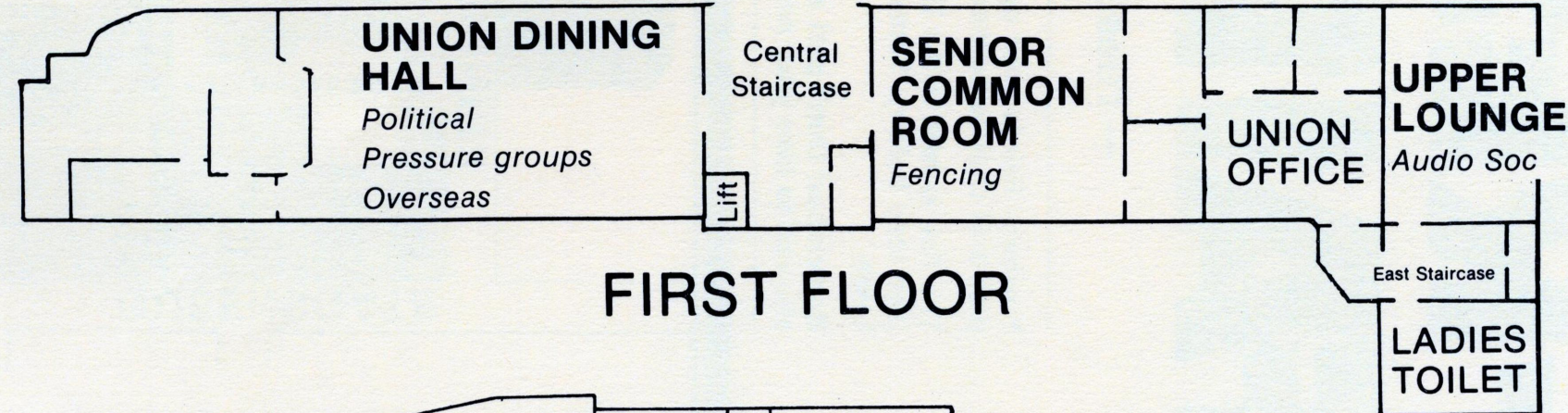
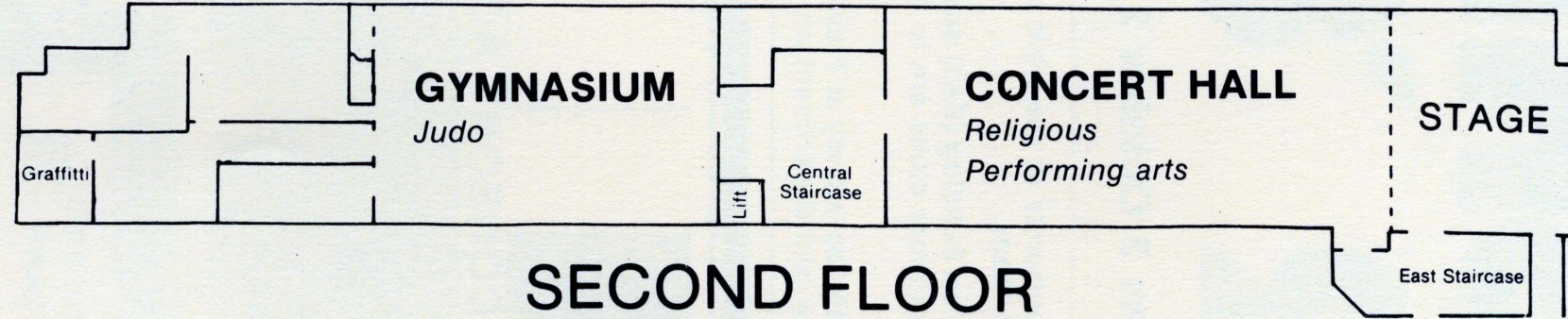
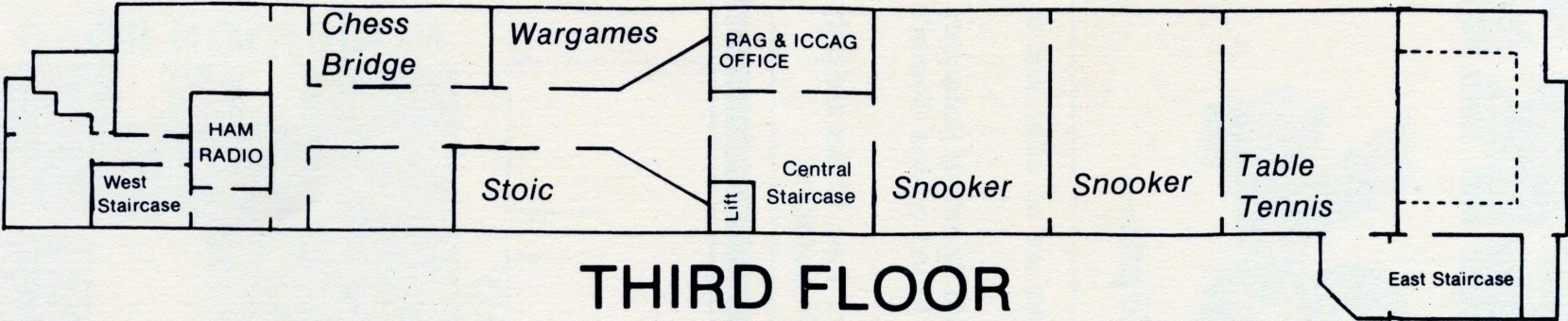
Freshers' Fair is your opportunity to see what clubs are on offer, and to pick and choose between them.

The Fair is held in the Union Building (Beit) and the Sherfield Refectory (see map below). Some outdoor clubs are to be found on the Queen's Lawn.

Remember! Don't part with any money at Freshers' Fair. Clubs are only allowed to take your name and department on this occasion.



PLAN OF THE UNION BUILDING



PRINCE CONSORT ROAD

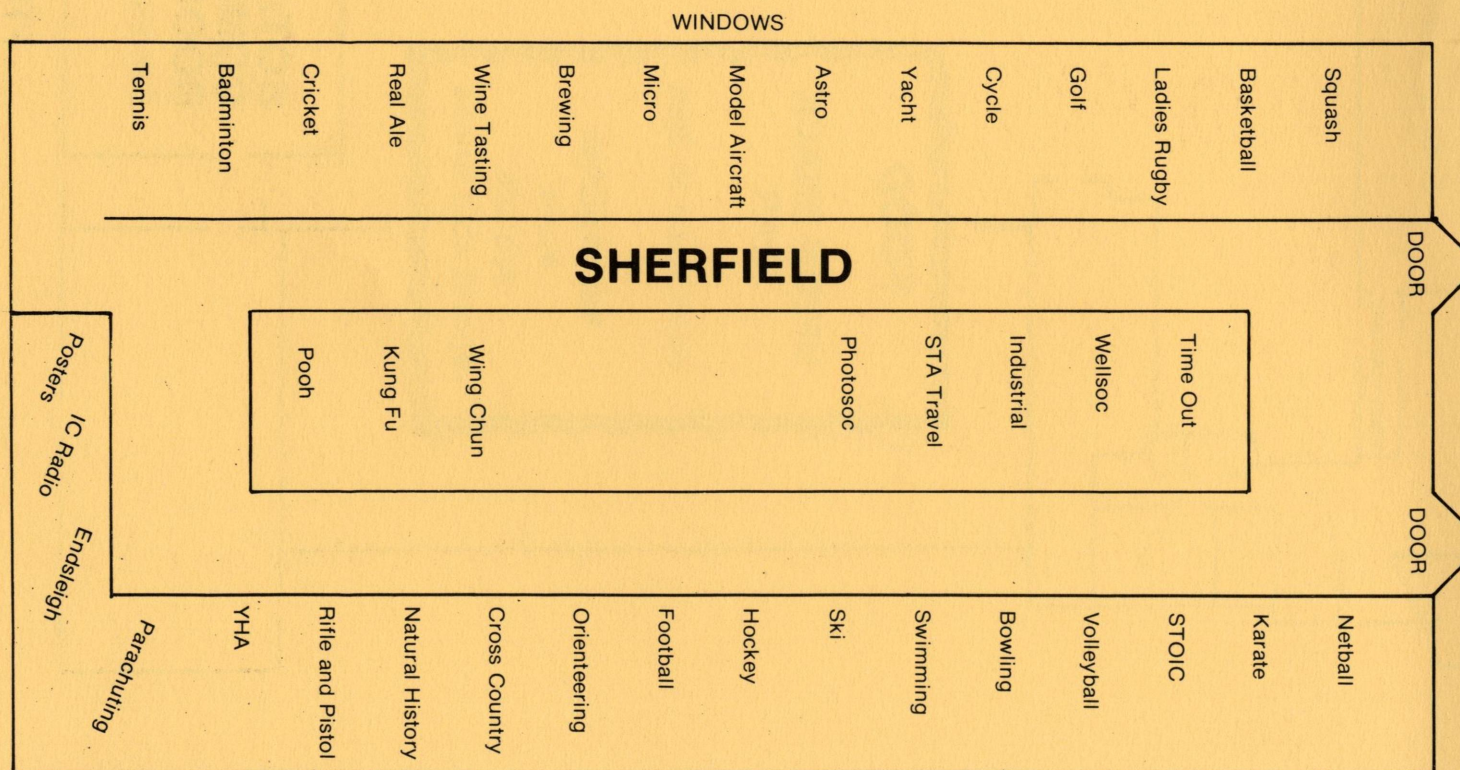
FRESHERS' FAIR

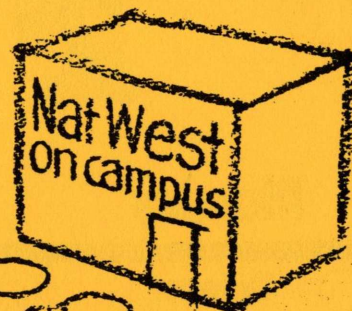
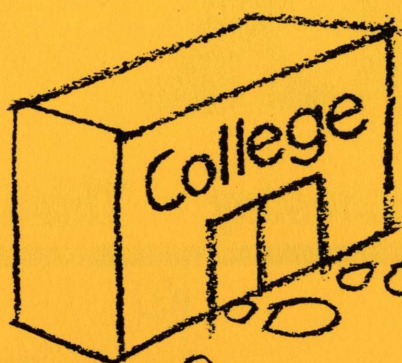
A to Z Guide to Freshers' Fair: Below is an alphabetical list of clubs and societies. Find Union rooms on the plan on the previous pages. The location of clubs listed 'Sherfield' is shown on the plan below.

Afro-Caribbean Union Dining Hall
 Amnesty International ... Union Dining Hall
 Anti-Apartheid Union Dining Hall
 Astronomical Sherfield
ATHLETICS **SHERFIELD**
 Audio Union Upper Lounge
 Badge Sherfield
 Badminton Sherfield
 Baha'i Union Concert Hall
 Basketball Sherfield
 Balloon Queen's Lawn
 Boardsailing Queen's Lawn
 Boat Queen's Lawn
 Bowling Sherfield
 Brewing Sherfield
 Bridge Union Third Floor
CCUs **UNION SNACK BAR**
 CND Union Dining Hall
 Canoe Union Beit Quad
 Catholic Union Concert Hall
 Caving Union Beit Quad
 Chamber Music Union Concert Hall
 Chaplaincy Union Concert Hall
 Chess Union Third Floor
 Chinese Union Dining Hall
 Choir Union Concert Hall
 City & Guilds Union Union Snack Bar
 Community Action ... Union Main Entrance
 Conservative Union Dining Hall
 Cricket Sherfield
 Cross Country Sherfield
 Cycling Sherfield
 Cypriot Union Dining Hall
 Dancing Union Bot/Zoo
 Debating Union Concert Hall
 Dramatic Union Concert Hall
 Ents Union, The Lounge
 Felix Felix Office
 Fencing Union Senior Common Room
 Film Union Concert Hall
 Football Sherfield
GENERAL INTEREST **SHERFIELD**
 Gliding Queen's Lawn

Golf Sherfield
 Graffiti Union Third Floor
 Ham Radio Union Third Floor
 Hang Gliding Queen's Lawn
 Hellenic Union Dining Hall
 H G Wells Sherfield
 Hockey Sherfield
 IC Radio Sherfield
 Indian Union Dining Hall
 Industrial Sherfield
 Iranian Union Dining Hall
 Islamic Union Concert Hall
 Jazz Union Concert Hall
 Jewish Union Concert Hall
 Judo Union Gym
 Karate Sherfield
 Kung Fu Sherfield
 Labour Union Dining Hall
 Latin-American Union Dining Hall
 Liberal Union Dining Hall
 Methodist Union Concert Hall
 Microcomputer Sherfield
 Model Aircraft Sherfield
MOTOR **QUEEN'S LAWN**
 Mountaineering Union Beit Quad
 Netball Sherfield
 Nigerian Union Dining Hall
 Nightline Union Main Entrance
 North America Sherfield
 Operatic Union Concert Hall
 Orchestra Union Concert Hall
 Orienteering Sherfield
OUTDOOR **BEIT QUAD, QUEEN'S LAWN**
OVERSEAS **UNION DINING HALL**
 Pakistan Union Dining Hall
 Palestine Union Dining Hall
 Parachuting Sherfield
PERFORMING **UNION CONCERT HALL**
 Phoenix, The Felix Office
 Photographic Sherfield
 Pimlico Connection ... Union Main Entrance
 Polish Union Dining Hall
POLITICAL **UNION DINING HALL**

PRESSURE GROUPS UNION DINING HALL
 QT Queens Lawn
 Real Ale Sherfield
RELIGIOUS **UNION CONCERT HALL**
 Riding Queen's Lawn
 Rifle & Pistol Sherfield
 RCSU Union Snack Bar
 RSMU Union Snack Bar
 Rugby Union Snack Bar
 Ladies Rugby Sherfield
 STOIC Sherfield
 Sailing Queen's Lawn
 Science Fiction Sherfield
 Scout & Guide Union Beit Quad
 Singapore Union Dining Hall
 Ski Sherfield
 Snooker Union Third Floor
 Social Democratic Union Dining Hall
 Socialist Union Dining Hall
 Socialist Workers Union Dining Hall?
 Sporting Motorcycle Queen's Lawn
 Squash Sherfield
 Sri Lankan Union Dining Hall
 Surfing Union Beit Quad
 Swimming & Water Polo Sherfield
 Table Tennis Union Third Floor
 Tennis Sherfield
 Third World First Union Dining Hall
 Turkish Union Dining Hall
 Underwater Union Beit Quad
 United Nations Union Dining Hall
 Vegetarian Beit Quad
 Volleyball Sherfield
 War Games Union Third Floor
 Water Skiing Queen's Lawn
WELFARE **UNION MAIN ENTRANCE**
 Wine Tasting Sherfield
 Wing Chun Sherfield
 Winnie the Pooh Sherfield
 WIST Union Dining Hall
 Yacht Sherfield
 Youth Hostelling Sherfield





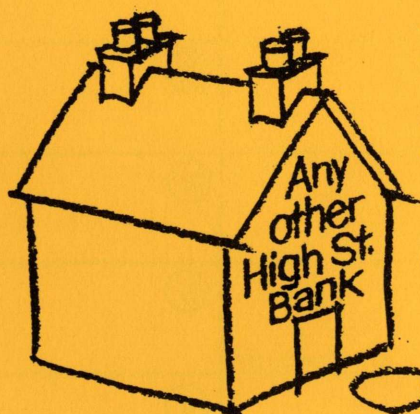
How far will you go to get your hands on some money?

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And because we can give you a Servicecard as well as a cheque card, you'll be able to get your hands on your cash 24 hours a day.

To find out more, call in at any NatWest bank.

It'll probably be the first one you come across.



 **NatWest**

The Action Bank

Students Service



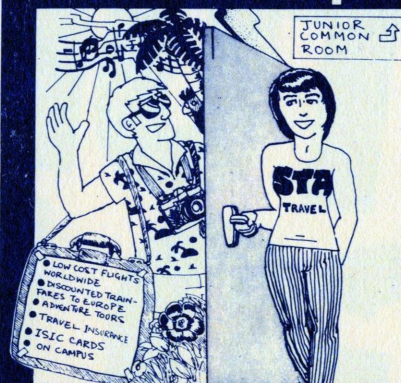
FELIX

Autumn Term 1984

Monday Tuesday Wednesday Thursday Friday Saturday Sunday

1 October Term starts New Year Party-Union	2 Life/Sci/Ents Party JCR	3	4 IC UGM Ents Films ME220	5 Freshers' Ball—Union	6	7
8 Ents Comedy Night	9	10 Opsoc Show	11 IC UFC	12	13 Rag—Tiddlywinks	14
15 ICU Council	16	17	18	19	20	21
22	23	24	25 Commem Day and Ball	26	27	28 Summer Time ends
29	30	31	1 November	2	3	4
5	6 IC UGM	7	8 IC UFC	9	10	11
12 ICU Council	13 Dramsoc Show	14 Beer Festival	15 Ents Films	16 Rag & Drag Disco	17 RCS Street Collection	18 IC Barnight
19 RCS Smoking Concert	20 Mines Dirty Disco	21 Mystery Event	22 Drink a pub dry	23 1,000,001 darts Guilts Carnival	24	25
26	27	28	29	30	1 December	2
3	4 IC UGM	5	6 IC UFC	7	8	9
10 ICU Council	11	12	13	14 Mines Ball Autumn Term ends	15	16
17	18	19	20	21	22 College closes	23
24	25 Christmas Day	26 Boxing Day	27	28	29	30
31 New Year's Day	1 January	2 College re-opens	3	4	5	6
7 Spring Term begins	8	9	10	11	12	13

ULU Travel
is now on campus



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- cold drinks

Quality food—Friendly Service

STUDENTS GO HOME

AND GET £5 OFF A RAIL JOURNEY!

All students and under 24's who buy their Young Persons Railcard in September or October can get £5 off a rail journey in November.

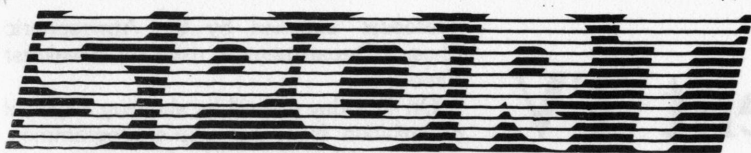
Which makes it even cheaper to take a train home – or anywhere else for that matter. Just the job if you want to dash off to some faraway Bonfire Party!

So hurry along to your Student Travel Office, local station or travel agent now and get the special promotional leaflet for details.

With the year-round savings a Railcard gives you on train travel, you'll be able to go home whenever you want.



This is the age of the train



Sport at IC

Normally FELIX will offer a comprehensive results service and detailed reports of matches played by IC sports teams. In this first issue of term Sports Editor Andy Whitehead explains a bit about sport at Imperial.

Imperial College joined the University Athletics Union (UAU) last year and finished up National Champions in water polo and volleyball, and runners-up in six-a-side cricket.

UAU is a national union of universities organising competitions in numerous sports. In the initial regional competition IC competes in the South West division. This means that all IC teams competing will play four

fixtures during the Autumn term, against other Universities in the South West region. The top two teams in the regional league go on to the National Championships.

The University of London Union (ULU) offers a wider range of sports than that available at Imperial. If your particular sport is not catered for at IC then ULU may be able to help. In previous years ULU has also offered a higher standard of sport, but now that IC has joined UAU the standard here is at least equivalent to that at ULU.

If you are considering playing for ULU, remember that in many sports you will not be able to play for IC either because of club policy or fixture clashes.

SPORTS TRIALS

Wednesday 3 October
—Imperial College Sports Ground—
Harlington

See sports clubs at Freshers Fair on Tuesday.

Meet 12.30pm, Beit Arch for the trials on Wednesday. Coaches will convey to Harlington.

Recipe of the week

— Stuffed Aubergines —

The British seem to be either potty or pig-ignorant about vegetables, and usually both. Even vegetarians seem to produce lots of dishes called 'nut cutlet' or 'vegetable hot-pot.' Most meat eaters seem to think that half-a-packet of frozen peas is a good enough accompaniment to the Sunday Roast.

The Indians are very good with vegetables, but there are also some terrific European dishes. This one comes from Southern France. Aubergines (called eggplants in the States) are in season now. Buy them from a Greek or Indian greengrocer where they're about half the supermarket price.

This dish tastes better with 8oz of fresh tomatoes, peeled, but for simplicity use tinned.

Ingredients

- a 14oz can tomatoes
- 2 aubergines
- bunch of spring onions
- 2 tablespoons olive oil
- salt and pepper

Method

- 1 Cut the stalks off the aubergines, cut in half lengthways and scoop out the seeds and pulp.
- 2 Drain the juice from the tomatoes and drink with a shot of sherry or vodka (cook's perk). Remove the coarse green stalk and the beard from the spring onions and chop into 3 or 4 pieces.
- 3 Mix the aubergine pulp, tomatoes, onion and salt and pepper and fry in 1 tablespoon of olive oil until the pulp begins to brown.
- 4 Scoop the mixture into the aubergine shells. Wrap the bottom of the shells in foil smeared with the remaining olive oil.
- 5 Bake at 375 degrees fahrenheit (gas mark five) for 35 minutes.



Serves four
Nick Gillies

RCC Vacancy

The Recreational Clubs Committee (RCC) needs a Vice-Chairman (who also serves as Finance Officer). A Vice-Chairman is vital to the smooth running of RCC and an election is being called immediately. Election papers are now up on the Union noticeboard on the right hand side of the main Union Entrance. Papers come down at 5.30pm on Monday 15 October, and the election will be held at an Extra-ordinary General Meeting of RCC on Thursday 18 October in the Union Upper lounge at 6.00pm.

Candidates need a proposer and two seconders, who must all be full members of IC Union.

GLIDING

Gliding 1st for IC

Imperial College came 1st 2nd and 3rd in the 'Wooden' class of the Inter-University Gliding competition during the summer.

IC Gliding Club hosted the 'Task Week' at their home airfield of Lasham near Basingstoke. The competition involved flying a preset cross-country circuit (a 'task'), by riding currents of rising air, or thermals.

This year ten universities took part, with a total of sixteen gliders competing in two categories, Wooden and Glass. In the Glass Class Surrey University came 1st and 3rd, and Reading came 2nd.

Here Malcolm Andrews of the Gliding Club describes a typical flight. Gliding Club can be contacted at Freshers' Fair, or on Thursdays at 5.30pm in Aero 254.

Having been towed to 2000 feet we caught several fairly weak thermals taking us towards Greenham Common airbase. By luck we stumbled into stronger lift taking us up to 4000 feet, and on to Newbury race course.

At the race course we found more lift, managing to scrape our way up to 3500 feet. Back down to 2000 feet and we were looking for a landing field, but our unpromising cloud gave us the best lift of the day to 5000 feet. We used the extra height to round the point at Newbury and head off back to home.

Back down to 2000 feet again and we choose a landing field. The landing involved a tack alongside the field to look for obstructions (and the local pub) in losing the remaining height with the airbrakes, and a final circuit into the landing.

We found our way to the pub, phoned our retrieving crew, and had a bite to eat. Once the crew arrived we packed the glider away, and arrived back at Lasham just after midnight. The flight lasted 2 hours, fairly typical for the week.

STOIC

Student TV

Ah! So you've got here at last! I expect you have been idly flicking through the pages of FELIX while the Rector has been droning on, and I hope you found it more interesting than his speech usually is (we had a new one two years ago, so an update isn't due for about another eight!), While I have your attention then, I would like to tell you about one of the Union's other media, STOIC—STUDENT TELEVISION OF IMPERIAL COLLEGE.

STOIC provides a colour television service to students at IC, broadcasting twice a week over a campus-wide cable network (cable television is not new around here!). If you live in a Hall of Residence, then you can watch our programmes on your Hall TV Set. You can also watch in the JCR and the Southside TV lounge.

Programmes are shown on Tuesday and Thursday lunchtimes at 1.00pm with a repeat showing at 6.00pm. On Tuesdays, we show documentary-type programmes or interviews with celebrities—Cliff Richard, David Attenborough and Gordon Jackson have recently been guests—and on Thursdays NEWSBREAK is shown. NEWSBREAK is a news magazine programme covering subjects involving, or of interest to, students, including the lunatic antics of Rag Collectors; the perennial (and more serious) complaints about poor refectories and accommodation; the latest film releases—with clips—in 'Film Review'; Theatre Review, and many other items. STOIC also maintains an extensive video archive stretching back over the past 15 years, and sabbatical officers have been known to subsequently regret certain statements made during their election campaigns. All our broadcasts are followed by up to the minute weather forecasts, illustrated by animated sequences from

'Meteosat' supplied by the Atmospheric Physics Department (as used on 'Breakfast Time').

On Tuesday we will be showing a special compilation from last year's programmes, and on Thursday, the first edition of NEWSBREAK will be on the air, with a round-up of some of the goings on around College over the Summer, coverage of Freshers Fair, plus most of the regular features mentioned above. Incidentally, if a motley crew of scruffy individuals waving a TV camera bear down on you at the Fair, the safest thing to do is to answer the questions and hope that they will then go away!

If you are, or might be interested in joining STOIC, you can see us at Freshers Fair (in the Sheffield lower Refectory), from where we will be running tours of the College TV Studio which is situated on the walkway, underneath the Elec Eng building. If you can't make it then, below is a list of introductory events for the first two weeks.

Whether or not you are interested in joining, we hope that you will enjoy watching our productions this coming year as much as we will enjoy making them for you.

Thursday 4 October

Come to the TV Studio at 6.00pm to see the transmission of the first edition of NEWSBREAK for this academic year. Afterwards, we will be holding an informal gathering in the Studio, where you can find out more about STOIC.

Tuesday 9 October

For those who could not attend last Thursday, we will be repeating our introduction to STOIC. If you *did* come on Thursday, you will be able to take a more detailed look at the equipment.

Wednesday 10 October

Watch NEWSBREAK being recorded in the Studio at about 5.00pm. The programme is always produced during Wednesday afternoon and evening.

'Duracell'



The Studio Control Room during a recording session

AMNESTY

Student prisoner released

Imperial College Amnesty group has been campaigning since 1981 for the release of the Beninese student Firmin Awadon who, with other students, had been detained without charge or trial since 1979, probably on suspicion of participation in a strike at the national university. In 1983 Amnesty International accepted an invitation from the government of Benin to send a mission to the country to investigate abuses of human rights, but the government failed to answer further correspondence and the mission had to be abandoned. The authorities also failed to send a representative to the United Nations in February 1984 to answer allegations made to the Commission on Human Rights. However, several temporary improvements were made in the prisons, perhaps in preparation for Amnesty's visit, and after many protests from the IC group and the prisoners themselves about the illegality of their detention an official order for their administrative internment was prepared (four years after the event) and shown to them.

On 1 August this year the presidential office of Benin declared an amnesty for all political prisoners (except those who had participated in the ignoble and barbarous imperialist aggression of Sunday 16 January 1977), and Mr Awadon was released next day. He had been kept in a prison containing four times the intended number of inmates, where several people died every month, with no food except that provided by relatives. He suffered from head injuries received in a beating in 1980.

The group's action, performed in collaboration with Amnesty groups in two other countries, consisted of sending hundreds of letters to the authorities and some parcels to the prisoner, together with some attempts at publicity and a consultation with the cultural attaché to the embassy of Benin in Paris. In December 1983 a petition was sent from the college to Benin and many members of staff wrote to the president of the country.

We can only guess whether the group's activities contributed to Mr Awadon's release. The actions of the government during the past year suggest that the presidential amnesty was prompted by sensitivity to campaigns and publicity about human rights generally. Mr Awadon wrote to the group after his release: 'I shall keep up my contacts with Amnesty through you, my friends. As I always promised during my detention, I shall commit myself with you to the noble task of helping the voiceless thousands imprisoned purely for their political or religious convictions or their race.'

ICCND

The Facts of...Life?



Fact: Eighty percent of Imperial College students would not survive a nuclear attack on London.

Fact: Research into new and more deadly weapons takes place at Imperial College.

Fact: The Government intends to spend £11 billion on a Trident nuclear missile system at a time when education spending has been cut to the bone.

The Facts of Life are revealed in full at ICCND's stall in the Union Dining Hall at tomorrow's Freshers' Fair. You can meet Philip Webber (co-author of the book 'London after the bomb') and find out the truth about the Greenham Women from Zoë Saunders. As well as this we're giving away badges, posters, and other goodies absolutely free. So if you're one of the millions who were worried by last week's TV programmes about the aftermath of a nuclear war, or if you're concerned about the College's own rôle in accelerating the arms race, please visit our stall. Everybody is welcome.

Fact: Together we can stop the nuclear madness.

SURF

Spanish surfing

As the surf this summer was a bit lacking on the Serpentine IC Surf Club headed off to the North coast of Spain in search of *arriba* waves. An interesting couple of days was spent near Biarritz in eight foot waves with other dangers including nude French bathers sharing the warm waters.

After ten days surfing the varied beaches of the Basque and Asturian regions everybody was surfing much better with talk of next year's trip being Ohau North Shore, Hawaii. The weather couldn't dampen enthusiasm for this beautiful region of Europe with friendly *amigos* and very cheap spirits. Even if you don't surf it's a place well worth seeing.

OPSOC

Opsoc Tour— Devon shocked

Once again this summer, in the time honoured manner, Opsoc made its annual offensive on the usually tranquil resort of sunny 'Budleigh Salterton,' Devon to perform its usual Gilbert and Sullivan epic. This year they produced a double bill of 'The Zoo' by Sullivan and Rowe and the 'Pirates of Penzance' by G&S. Despite the evening being unusually long, both visitors and audience enjoyed themselves enormously. The tour is a conglomeration of all that is good in Opsoc, both on stage and behind the scenes. There was a blend of experience and raw faces in the principle roles, all giving memorable performances. After two weeks of hectic activity, Opsoc said farewell to Budleigh, only to begin planning and looking forward to next year's visit.

Opsoc are recreating Act II of 'Pirates' in the Union Concert Hall on Wednesday 10 October at 7.30pm with various workshops before hand, where new blood will be welcomed, whether set building, make up or performing. The first rehearsal for the February Show—'The Grand Duke' is at 7.30pm Tuesday 2 October in the Music Room, 53 Prince's Gate.

**CND AND MILLIONS OF BRITISH PEOPLE
DON'T WANT REAGAN'S CRUISE MISSILES.**

Just come up?

**What about
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FELIX

*The Newspaper of Imperial
College Union*

We require:

- reporters
- photographers
- sub-editors
- graphic artists
- cartoonists
- general helpers

No experience required

See us at Freshers' Fair, or at our
free Cheese and Wine Party, Friday
5 October 5.30pm, Felix Office,
Beit Building.

SINGLES

45 rpm

In this regular column super-DJ **Pete Coleman** reviews the single releases of the week from his unrivalled position as head of IC Radio.

Adam Ant: *Apollo 9*

No longer a teen idol, Adam's career is on a real downer. However, in 'Apollo 9,' he regains some of the energy of 'Ant Music' and 'Dog Eat Dog.' Producer, Tony Visconti, manages to make meaningless lyrics and a one line tune seem really good. Watch out, this one is catchy.

Freddie Mercury: *Love Kills*

When I first heard this I had no idea who it was. For the first time recording outside Queen, Freddie Mercury has produced this for Giorgio Moroder's new album "Metropolis." Bound to be a hit, but would it have been if not for Queen? I'm not so sure.

Music From A Small Planet: *Love Sacrifice*

Take an African Rhythm: stick a disco mix on it with plenty of synths: add steel drums for extra flavour, and a wailing voice. Mix them all together and you get 'Love Sacrifice.' Sounds awful? It is n't. The twelve Inch especially provides an explosive contrast to some of the pop pop in the charts. Get up and Rhumba!!

Geno Vess: *Why Are You Crying?*

Derby band's debut release is a five track twelve Inch EP, featuring 'Why Are You Crying.' Lacks the together feel you get used to on

commercial records, but more than makes up for this with a biting Indie edge, and excellent keyboard work from John Crossley. "Sounds" describes them as a Jazz Crossover band. Since I don't know what that means, I'll say this is well worth giving a listen to.

Johnny Mathis: *Simple*

Pretty much what we've come to expect from Mr Mathis. Lots of Dum Do Wah's from the background vocalists, and not a lot more to listen for in JM's lyrics. The press people at CBS tell me this is the best thing for years. Don't be fooled. If you can stand more than two or three listens to this, I despair of you.

Ian Page & Bop: *Unity Street*

This is good. Got my feet tapping within seconds. Good to see Ian enjoying his music again instead of prattling around with Secret Affair. Very hummable tune; you can be a pain to others for hours afterwards if you keep whistling it! Just try.

Reviews:

FELIX will contain a varied selection of theatre, film, book and record reviews. Anyone interested in writing reviews should call in to the Office

Booery Wooley

Hello and welcome to a new concept in FELIX journalism—a weekly column with items about people and events in the Union and in College, giving an incisive (and often amusing) insight into the personalities and stories behind the news. It aims to provide an independent commentary on important matters, to highlight some of the major cock-ups in College, and to ridicule those incompetent enough to deserve it. In order not to compromise the author, an experienced observer of College and Union affairs, he or she will remain anonymous, but the columnist can be contacted c/o The FELIX Office if you have any tip-offs concerning events you feel deserve to be related to a wider audience.

An illuminating insight into the workings of the Refectories section was offered by the Union's takeover of the refectory in the Union building. Shortly after it closed for good under College management last term Union Officers and Victor Mooney, College Refectory Manager, agreed that several items of equipment would be left behind for use in the new snack-bar. However, this gentlemen's agreement was apparently not to the liking of Mr Mooney's deputy, Martin Parsons. As soon as Victor was off for a few days on his yacht* at Southampton Parsons hurriedly despatched a van to put a 'scorched earth' policy into effect removing every last nut and bolt from the place, and coating the floor with half an inch of grease in the process. Even the sink was unplumbed ready for removal. When Victor returned from his holiday he had to order that much of the equipment be returned. Union Officers were treated to the sight of Parsons himself returning items he had refused to leave in his boss's absence. This incident further re-inforces the belief that whoever replaces Mr Mooney on his retirement next year it shouldn't be Martin Parsons



Pictured above are Geno Vess, the Derby band whose debut EP 'Why are you crying' is newly released.

Monday 1

● **FRESHERS' RECEPTION** (undergrads) 10.00am Great Hall, Sherfield Building. All first year undergrads should attend to hear the Rector give his annual speech, and to see the Union officers make fools of themselves.

● **FRESHERS' RECEPTION** (postgrads) 11.30am Great Hall, Sherfield Building. A re-run of the above for first year PGs.

● **UNION GENERAL MEETING** (City and Guilds) 2.30pm Mech Eng Room 220.

● **UNION GENERAL MEETING** (Royal College of Science) 2.30pm Great Hall, Sherfield Building.

● **UNION GENERAL MEETING** (Royal School of Mines) 2.30pm Mines Room G20.

● **PARTY** New Year's Party 8.00pm Union Building. Featuring 'The Higsons' (powerful and rhythmic seven-piece band with an excellent live act) and two discos. Bar open until 1.00am.

Tuesday 2

● **LADIES' LUNCH** 12.30pm. City & Guilds Union

● **FRESHERS' FAIR** 2.00pm Union Building and Sherfield Building. This is your opportunity to see all the clubs that IC has to offer. See the guide in the centre pages of FELIX.

● **ICE SKATING** 6.30pm meet Union Bar. Royal School of Mines Union trip out.

● **REHEARSAL** Operatic Society 7.30pm Music Room, 53 Princes Gate.

● **POSTGRAD PARTY** 8.00pm Holland Club. Free tickets from Postgrad General meeting at 4.00pm.

● **PARTY** Life Sciences/Ents Party 8.30pm (not 8.00pm as previously advertised) Junior Common Room, Sherfield Building. Open to everyone, despite the name. Disco and bar.

Wednesday 3

● **SPORTS TRIALS** for IC Teams. Meet 12.30pm, Beit Archway, Union Building.

● **ICE SKATING** 7.00pm meet Southside Bar. City & Guilds Union trip out.

● **BAR NIGHT** Royal School of Mines Union 7.00pm Union Bar, Union Building.

● **PUB CRAWL** Royal College of Science Union 7.00pm Southside Bar. A 'tour' of ten local pubs, plus Southside Bar.

Thursday 4

● **METHODIST SOCIETY** meeting 12.30pm Chem Eng Room E400. Lunch provided.

● **STAMP CLUB** meeting 12.45pm Chemistry Room 231. Everybody welcome.

● **UNION GENERAL MEETING** (Imperial College Union) 1.00pm Great Hall, Sherfield Building. Your chance to have a say in the running of IC Union, and how it spends £1¼m this year. Speaker is UCU President, Delyth Morgan.

● **FILMS** 7.00pm Mech Eng Room 220. 'The Hunger' and 'Brainstorm' courtesy of IC Ents.

● **LASER SHOW** 7.00pm meet Southside Bar or RCS Union Office. The Royal College of Science Union trip out.

● **BAR NIGHT** City & Guilds Union 7.00pm Union Bar, Union Building.

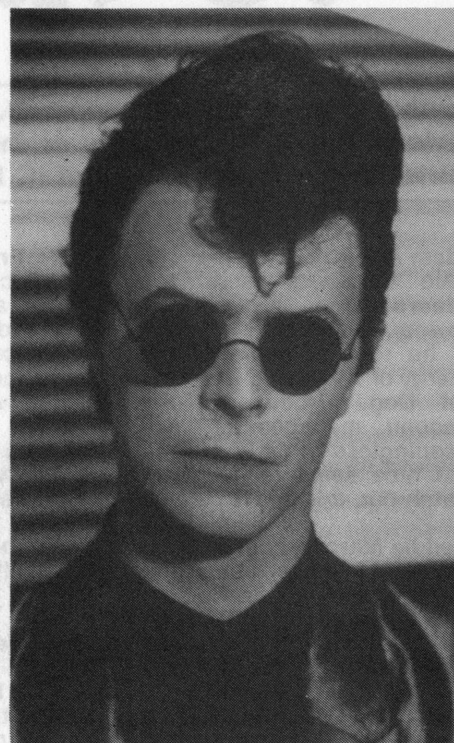
Friday 5

● **FRESHERS' BALL** 8.00pm Union Building. The 1984 Freshers' Ball featuring 'Misty in Roots' (Roots reggae from Britain's best underground reggae band with many hit singles to their name) a barbecue, discos, a jazz band, films including 'Breathless', and a bar until 1.00am.

Saturday 6

● **PUB CRAWL** 6.00pm meet Union Bar. Royal School of Mines Union

● **PUB CRAWL** City & Guilds Union 7.00pm.



THE HUNGER (starring David Bowie, pictured above, and Catherine Deneuve). A stylish, erotic and squeaky-clean showcase for Bowie, directed by Tony Scott, famous for his T.V. commercials. Spot the famous brandnames. See *The Hunger* on Thursday night in ME 220.



Misty in Roots, Britain's top reggae band, who are playing Freshers' Ball on Friday

What to do	Where and When	What you need	What you get
1 Register	Mon, Tues until 1200 JCR Tues 1400—1700 Level 3 Wed, Thurs, Fri 0930—1700 Sherfield	Details of home addresses, London residence etc.	Registration slip
2 Grant Cheque	Mon, Tues until 1200 JCR Tues 1400—1700 level 3 Wed, Thurs, Fri 0930—1700 Sherfield	Registration slip or Union Card	Money
3 Union Card	Mon, Tues until 1200 JCR Wed, Thurs, Fri 1000—1600 Union Upper Lounge	Registration slip, 2 photos (passport size, B/W or colour)	IC Union Card ULU Card
4 Railcard ISIC Card	Mon, Tues until 1200 JCR* Wed, Thurs, Fri 1000—1600 Upper Lounge *	2 photos (passport size, B/W or colour) £12 for railcard £3.50 for ISIC	Railcard £5 voucher ISIC card
5 Bike Postcoding	Mon, Tues 1300-1800 Ante Room Sherfield Wed, Thurs, Fri	Push bike	Free postcoding

* STA office as well

DISCOUNT!

RED tape!

IMPERIAL COLLEGE ENTS
LSS DISCOUNT CARD
1984/85



Name: *A. N. Other*

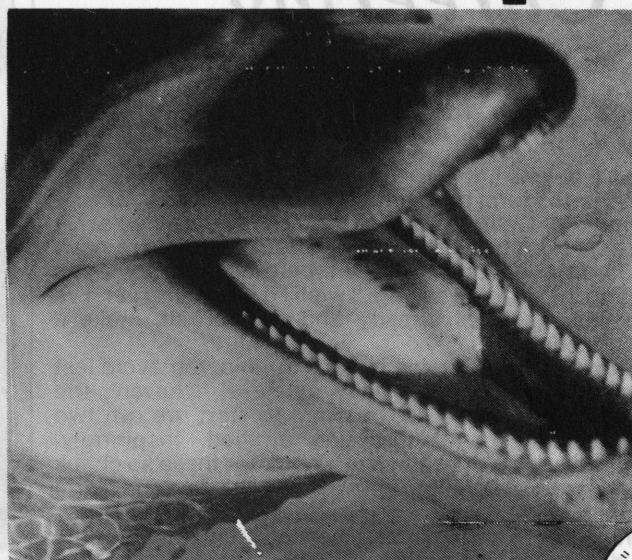
ENTS DISCOUNT CARD

This year, for the first time various London colleges are co-operating with each other in their entertainments. The result is the Ents Discount Card which is available NOW!

At IC the card will give you a £1 discount at parties, gigs and carnivals, and a 50p discount at 'The Lounge' night-club on Saturday nights. (This means it will cost just 75p to see a band at the club and 50p when there is no band).

The other colleges offering £1 discount on all gigs are LSE, NE LONDON Poly, Goldsmiths, City, Kingston Poly, N London Poly, Q M C, Kings, Q E C and Chelsea.

The cards cost just £5 and are available from the Ents stall at the Freshers Fair, or the union office, or the Ents room at the back of the lounge at lunchtimes.



As the B-Boys break over Berlin, the Captain's Boys are all set for 'soul for sale' bringing the sounds of **funk** and **jazz** right into your own home! Tune in, to IC Radio — 301m, 999kHz — **Tuesday at 8.00pm** and drop a tape into us (C60, C90, C120, etc) specifying NAME, DEPT, and whether you want **funk** or **jazz** and we'll get our first spectacular **TWO HOUR 'soul for sale'** show back to you absolutely gratis!!

CAPTAIN SCARLET

IMPERIAL COLLEGE
Radio

Phones Fiasco

Faults on the new, electronic telephone exchange have meant that many people calling the College have had to wait for up to half-an-hour before being answered. In addition, whole groups of instruments have been out of order.

Of the 38 outside lines serving the College, 23 were out of action

when the system became fully operational on 15 September. This led to long delays in answering incoming calls.

Many users have also experienced difficulty with their new telephone instruments. In many cases British Telecom, who installed the system, gave phones the wrong category, preventing auth-

orised users from obtaining outside lines. Other phones have gone completely dead as engineers have made adjustments to the wiring.

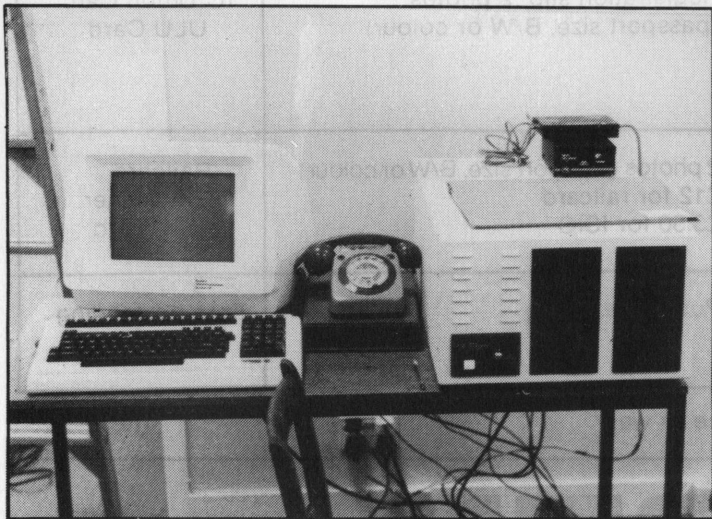
Some users without a recall button fitted to their phones have been over-eager to try the new facilities, and have found their calls forwarded to a another extension with no way of cancelling it.

Peter Burrige, in charge of the College telephones, said that the problems stemmed from the fact that the system was delivered five weeks late by BT. If it had been on time, he went on, the teething problems would have been sorted out well before the start of term.

Last year there was a deposit of £5 in Halls of Residence and £10 in the Evelyn Gardens Houses, which was described as a key deposit although there have been instances of it being withheld for reasons other than loss of keys.

The special meeting of the SRC was called by the Chairman, Dr Don Munro, on the insistence of Student Services Officer Michael Arthur who had decided that the deposit should be raised to £25 in both Halls and Houses. In future, residents who cause damage to their rooms or common areas or leave their rooms in an excessively untidy state when they leave, will have deductions made from their deposits. The introduction of the new deposit was supported by Union president Ian Bull.

Another increased charge on residence bills will be the insurance premium, which as a result of the introduction of a new all-risks policy will go up from £4.50 to £9.50. The cover afforded by the new policy will, however, be much improved on last year's insurance. Details of the policy, which covers residents' personal property, will be circulated along with the first term's rent bill.

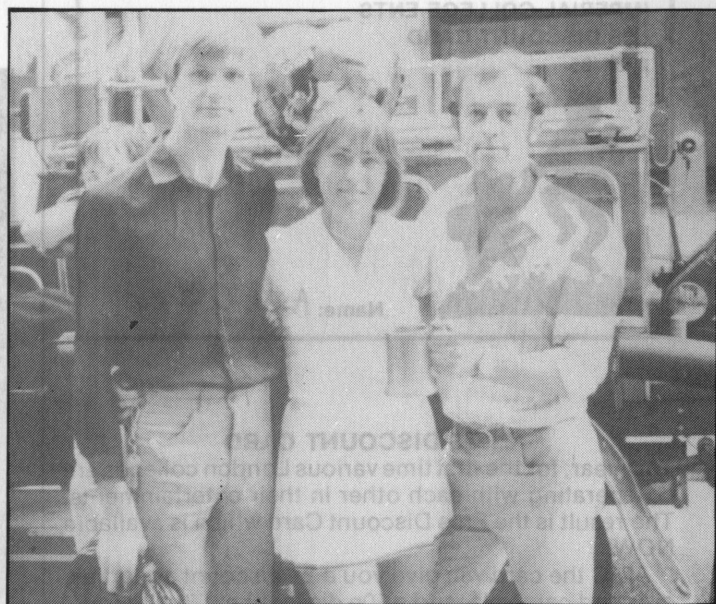


Pictured above is the computer in the telephone exchange which records information about each call made, and acts as a directory for the switchboard staff when connecting outside callers.

Deposits

Deposits paid by residents in College Halls and Houses are to be increased by up to five times, it was decided at an emergency meeting of the Student Residence Committee (SRC) during the vacation. The new deposit of £25 will be held against damage as well as being a key deposit.

Choir romp home!



Ex-FELIX Editor Martin S Taylor led 'The Choir Team' to victory in the annual FELIX Motor Club Rally on Sunday 24 June.

Seven teams set off from the FELIX Office in vehicles ranging from Jez, the RCS fire engine, to a humble mini. Their quest was to answer the series of questions set by Pallab Ghosh and puzzles editor Ulysses, and to collect various items of treasure from all over London. The rally took teams as far away as Greenwich.

Points were awarded for items of treasure and questions correctly answered. The team that amassed the largest number of points is pictured above, l to r, Martin S Taylor, Amanda Laurence, and Tony Moorby.

Careering Along

Thoughts for Finalists

There are about 155 term days until you cease to be a final year student at Imperial College and start to be a well what? It may seem premature to start thinking about your future now, but those 155 days will zoom past and before you know it you might be sitting in my office saying, 'I wish I'd started earlier, I've missed two closing dates already and it's hard to make a decision so quickly.'

The Careers Advisory Service is here to help you avoid last minute 'panic buys'. For the totally clueless, 'I haven't the faintest idea what I want to do, or when to start' we run two seminars on Wednesday afternoons entitled, inspiringly, 'Career Choice A and B'. (You have to book for these so check your notice board for details). Throughout the Autumn Term speakers from a whole range of organisations will give lectures about general areas of employment like management, scientific journalism, design and development etc.

If you feel the need of a personal interview with a Careers Adviser, you have to book one in advance but, if you just have a quick query, one of us will be available in the Careers Library (Room 311, Sheffield Building) between 4.30pm and 5.30pm Monday to Friday.

Oh and by the way, if you think you might want to teach, join the fast stream of the Civil Service or study abroad, you should apply early in October.

Annie Martin
Careers Adviser