



FELIX

IMPERIAL COLLEGE UNION 21st OCTOBER 1971 No. 303

SEX ORGY

Pictures page 9

Britain's First Pizza Race

U.S.K. Rag's first fund-raising event of the year took place at the opening of South Ken's new Pizza Palace, the sickeningly-titled "Pizza Résistance", in Exhibition Road on Sunday week. The main event of the opening was what the owners proudly announced was Britain's first-ever Pizza Race, which, for the uninitiated, is exactly the same as a pancake race—except, of course, that you toss pizzas instead of pancakes. The whole affair was obviously the brainchild of an even-more-than-usually eccentric P.R. agency, and came complete with so-called Bunny Girls (minus tails and long ears) and balloons, eagerly clutched (the balloons, not the girls) by an enthusiastic crowd of the local youth.



STUDENTS THRASHED BY TEENAGER

The first race was run by the five presidents of the I.C. unions, and was won, just, by Dave Amos, vice-president of I.C., who apparently collected a free pizza as prize. The other race in which the athletic types of I.C. (all ten of them) took

part was actually won by the only other entrant—a 13-year-old boy!! Luckily they, together with the other fifty or so College supporters, had more joy when it came to collecting for the rag fund. Here, though, they were in competition with collectors for the Mayor of Kensington's Play Association appeal, who collected £50, for which amount a cheque was presented to the Mayor after the races.



ABOVE: The recent reception of the Japanese Emperor at South Kensington Tube Station.

FULL-FRONTAL DISPLAY

How many pizzas they succeeded in selling by means of this happening is anyone's guess and their accountant's nightmare, but the assembled multitude at the opening certainly seemed to be enjoying themselves, even though I didn't see anybody eating a

pizza at all. The restaurant itself is actually in the basement, although they're confident enough to put the kitchens on display in the front window (which is more than Mooney does). Prices are quite reasonable: pizzas cost from 35p up to 60p for the Pizza Resistance itself: a 'Hamburger Steak', though, can cost you 80p . . . the mind boggles!!!

News in Brief

Who does she think she is?

How I hate getting up early! But there we are—following a summons to see a certain housekeeper, Linstead housekeeper, and I am prompt, there I was at her office at the published opening times.

Finding the good lady absent, and not wishing to miss my first lecture, I decided to seek her at her place. The good lady took this as an intolerable intrusion, and we hence eventually arrived at her office, where the door was closed against me.

So I knocked and entered, and the interview commenced thirty minutes late.

Rivals to Tesco?

A review of the Southside Shop is to take place next week. The means of communicating your grievances and recommendations is nuclear, but dedicated Felix reporters have it on best information that the review may comprise McClooge and Amos breezing in for a look around. A recent Felix Probe strongly criticised the lack of savoury biscuits.

Mooneyoni

Lunchtime O'Bric-a-Brac Amateur entomologist and part-time catering manager, Victor Mooney, must be congratulated, if Union reports that the refectories are currently in the black are to be believed. Apparently Beit refectory is doing well in response to the increased use of the Lower Lounge.

Yorkshire Pud Found in 'Cockroach Special'

It is bad enough to wake up to another day at IC but when a rather sinister-looking and tastefully-wrapped parcel delivered to your bedside turns out to contain a half-eaten piece of Yorkshire Pudding with a Mooney patent cockroach in some, you immediately leap for action and that is what your editor did—and by 10 o'clock that evening a reporter was grilling Mr. Mooney (now that's a good idea . . .)

We quote his report in full with a few explanatory notes:

"Saw Mr. Mooney at 10 p.m.

'Probably a cockroach, we've had some trouble with them. The place has been sprayed several times!'

The chef, when asked to comment, said that this was not necessary as we had all the evidence. He then said that any place can expect to have a few cockroaches.

Mr. Mooney told him not to say that as the magazine would go to town on that. (And, folks, here we are!)

Finally decided that it might have come out of the flour used to make the Yorkshire Pudding.

Mr. Mooney said that the insects had probably got into the kitchens in the cardboard containers originally used to transport foodstuffs. He apologised and said that they try to do what they can to

prevent these instances occurring.

When the chef looked at the exhibit, he broke a few bits off but reluctantly gave it back to me!!"

The implications of this are really serious—apart from trivia about the clean foods Act, Public Health inspectors and the like—think of all the changes that will have to be made to our national folk-lore. No more jokes about 'waiter there's a fly in my soup'—or indeed 'waiter, there's soup in my flies'.

We shall all have to change over to cockroaches—because who are we to contradict the chef's warning that we can soon expect our kitchens to be well populated by these friendly (and tasty) little insects?

DEATHS COLUMN

On October 6, 1971 A.D., the afore-mentioned cockroach, Archie, of consumption by heat, in College Block Kitchen. Funeral at 12.30 p.m. tomorrow in a plate of Mooney spinach. No flowers please, donations instead to the Royal Society for the Protection of Cockroaches from Mooney.

I. C. FOR SALE

In the last six months one of the biggest and most consistent headlines has been large scale redundancy and unemployment and, very naturally, at the beginning of July, how this affected graduates and school leavers. Many students in the coming session will have to think about obtaining a job and what sort of job they want. It is going to be all too easy to sit back and assume that at the end of the year, as a graduate, you are going to drop into a nice convenient, ready-made to taste occupation. This was seen last year where those students who applied late or in a casual way in most cases had difficulty in obtaining employment. **It is no longer a valid assumption that there are plenty of jobs for anyone with a degree.**

In a recession, which we appear to be in at the moment, one of the first sections in which expansion fails to make normal progress is research and development. It is into this section that most of I.C.'s graduates will be trying to obtain employment.

In the coming session there is a very rough timetable in which an undergraduate can hope to obtain a job. It goes as follows:—

Autumn Term. Decision on the type of employment required. Isolate the firms to which this employment applies. Find out information about these firms. Fill in application forms for first interview.

Spring Term. First interviews. (Most of these will take place at college).

Easter Vacation. Second interviews at the firms premises.

Summer Term. Receive acceptances or rejections from firms. The final choice as to which firm to go to.

Each step will have a time deadline but this is no more than an aid to the clerical staff arranging visits. The more interest you show in getting your application form in early and the more interest you show in the firms you apply to the **more chance you have of obtaining a job.**

The Appointments office has two functions. Firstly it helps the undergraduate to make a decision on the type of employment he wishes. A pamphlet is published by the U.L. Appointments Board called "Main Areas of Graduate Employment." Once the undergraduate has some idea of this he can go to several people and publications for advice on which firms are suitable to this requirement. Firstly, every department has a member of staff who is directly concerned with employment and he will be making himself known to all third years at the beginning of this term. Many departments also have a careers library. For obvious reasons these people cannot be experts in all forms of employment and there is further and much wider advice available from the Appointments Office in College Block. Mr. Ashworth of the U.L. Appointments Board visits this College every week and is more than glad to give advice to anyone who asks. There is also a comprehensive Careers library adjacent to this office which students are welcome to browse through.

Come spring and the application forms are in, the Appointments Office serves its second function, bringing employer and prospective employee together. Then it is up to the individual student to convince the employer of his choice that he is worth employing.

Appointments Office. (Mrs. Armstrong) Room 306, College Block. Int. Tel. 3916.

Publications available free. Directory of Opportunities for Graduates. Profession Careers for Graduate Scientists and Engineers.

Recommended for Reference. Beyond a Degree (CRAC). You and your Job (50p).

Steven Cann (I.C.U. Welfare Officer)

SOCIAL RESPONSIBILITY IN SCIENCE

New I.C. Society

The British Society for Social Responsibility in Science was formed two years ago by scientists who were dissatisfied with some of the things science and technology are doing to the world we live in, and who wanted to do something about it. Since then, many good things have happened. There have been conferences, meetings and campaigns to get "establishment" organisations like the British Association for the Advancement of Science to take social consequences more seriously.

Partly because of the Society's formation, people are now talking far more realistically about the effects of technology on our environment.

Now there is to be an "Imperial College Society for Social Responsibility in Science", an autonomous branch of the national society. There will be a lively series of meetings with guest speakers such as Kit Pedlar, writer of 'Doomwatch' Prof. Colin Cherry and Jerry Ravetz. The first meeting will be on October 26th at 7.00 p.m. in Mech. Eng. 342. Also this term there will be a series of special discussions under the general title of 'Science and Technology in the 3rd World', starting October 19th in Physics S.C.R. at 6.00 p.m. Everyone is very welcome to all these meetings.

Peter Elphick.

THIRD WORLD FIRST NOW

If you live in Southside, one of your first acts on entering your shoe box for the year was probably to remove an untidy piece of paper, entitled UNSA 3W1, thoughtlessly pushed under your door. If you bothered to read it, and no doubt two or three uneducated freshers did, you might have discovered an IC organisation that believes in the existence of a life style somewhat less endowed than our little orgasm of affluence.

Enough of this cynicism, let me provide you with some facts. Firstly, UNSA 3W1 is the combined IC branches of the United Nations Students Association and the Third World First Organisation. Its aims are simple:—

(i) To educate people about the problems of the third, or developing world and to make us aware of our responsibilities. (It is often argued that we have none, we believe we have).

(ii) To make students aware that it is within their power through the medium of VSO and other similar organisations to help directly in the solutions of these problems.

(iii) To help raise funds for organisations already supplying aid (Oxfam, War on Want, UNICEF, The 3W1 Educational Trust, Christian Aid and many others).

The order of these aims is no mistake, money is needed, but on such a vast scale must ultimately be from the governments of the civilised(?) first world. However, these governments will only bother to do more than conscience-relieving sized foreign aid

schemes (I think that's intelligible) if there is a massive popular demand, hence education. It's a cliché worth repeating, that the first thing you learn at university is how little you know, and despite the TV gore of Biafra and Bangla Desh, etc., where the third world is concerned, this is one hell of an understatement. There is the USA's crippling economic exploitation of most of Latin America (not leftist propaganda but fact) the plight of India and Pakistan, and the 'Politics' of Africa, North and South. This is without mentioning such humdrum phrases as the population explosion, the environment, and educating the blacks (no offense).

Why bother with another goody goody organisation when Carnival, now USK rag, has the monopoly and is more entertaining? The answer is simply that there is a desperate need. USK Rag we hope will raise much money for local and national charities; we would like to expand student responsibility to an International level.

Finally, as always there is money. UNSA 3W1 hope to get a large response from IC for its banker's order campaign. This involves signing a banker's order to give as little or as much of your grant to whichever foreign aid scheme you choose. An action that is a thought out decision, not just a means to remove the collecting tin. If interested, please contact Geoffe Rowe of Physics 2 and look out for UNSA 3W1 meetings.

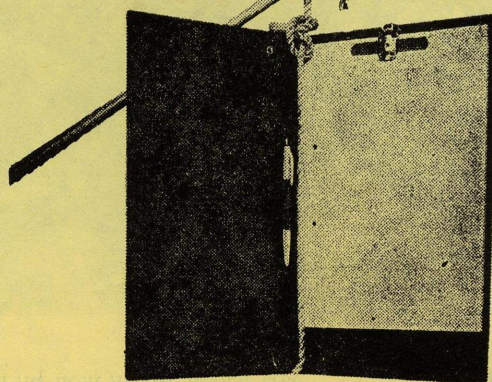
"Smashing Time" at Linstead

We offer our sincere condolences to Dave Lee, of Linstead Hall, for the lacerations he sustained when he succeeded in walking through a plate glass window there. He's not the first to do this though — he actually followed in the footsteps of an ex-editor of 'FELIX', who once, when rather the worse for drink, ran (or rather, tottered) down the stairs and straight through the same window. Why don't you go the whole hog and join us, Dave???

Members of the 'FELIX' staff can remember there being a table placed in front of that window last year, deliberately to stop anybody walking, running or jumping through it. We wonder which unthinking person removed it — it might be a good idea if he or she returned it soon, before someone really does themselves an injury. Come to think of it, I don't think this year's editor has tried it yet, but then, he lives in Linstead, so, sooner or later . . .

STUDENTS!

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Nationalism Today

Special Coach leaves at 14.15 hrs. on Saturday

Only charge £1.00 (including transport)

Please send your name to C. K. McDowall, 331 College Block

Editorial

Now that you have returned to your favourite College, or if you are a fresher immersed yourself for the first time in the delights of IC, I would ask you to ask yourself a small question. How much time have you spent furthering the ideas behind U.S.K. this term? When you have thought about this for a little while you can ask yourself where this College is going if U.S.K. does not grow faster than our insanity.

The day we enter this College we further the cause of narrow mindedness and that is a sin, and none of these excuses about never realising that you were guilty either. You know now that you are guilty so begin to seek forgiveness. If we are to accept that a centre for dedicated learning and research in the name of science is a good idea, which we have done already by coming here, then somehow we must bring U.S.K. to the fore so that by social intercourse between ourselves and the other Colleges involved we can make our College a better place to live in.

Over these first few weeks of term we all get invited to Hall dinners, freshers dinners etc. and oddly enough the sense of occasion induced by these functions encourages most of the people to attend. Why then can we not have U.S.K. functions, of similar nature. I think a joint freshers dinner would be a superb idea. I think joint societies with, yes folks, joint wine and cheese parties are a superb idea and I think having somebody in the union with enough personality and sense of social responsibility to make the effort to push U.S.K. to the fore is also a joint idea. So please, while you are spending your energies fighting for the numerous rights that need fighting for please spare a little time each week to save what could be a very pleasant College.

Now that I've finally found myself in the editorship of this wonderful newspaper I have also found it extremely exhausting trying to keep Felix an interesting topical newspaper. The only way I can do this is if the students of the College contribute their views, news and any features they feel they can write that will be of interest to other students. You know where to find me, I don't bite often, so come along and contribute something. Felix is your newspaper why not use it. It's worth keeping alive as well, I think.

Dave Sugden.

BAM

In the last decade, growing numbers of people in Britain and elsewhere have become aware of the realities of world poverty — the misery of a family on the parched plains of India or in the shanty towns of Latin America — and of the obligation of the West to bear its responsibilities.

BAM (Brothers to All Men) is an organisation which feels that many of the problems being faced by the people of the third world are not going to be solved by sitting down at conference tables, or by the West exporting its highly sophisticated and very expensive equipment and machinery to the areas of greatest need. BAM believes that if 'development' is to have any valid or lasting meaning, it will have to be carried out by the people themselves, under their own leadership and using their own skills.

Since BAM was founded in 1965, it has worked to this end by sending very carefully selected volunteers to various parts of the third world in an attempt to put into people's heads the idea of the potential there is to improve their own living conditions, and then put into their hands the tools to start the realisation of this idea.

It is with a specific aim — that of the betterment of all men — and with suitable methods and means, which vary according to region, that volunteers get down to the very humble reality of everyday life at its foundations. They are convinced that men, then communities must, before anything else, be encouraged to appreciate the possibilities, however limited, that lie in their own backyards. The bushman, underfed, illiterate, ignorant, badly organised and totally devoid of means, must himself appreciate that he can gradually improve his lot so as to pass from the stage of survival to that of life.

BAM Needs every scrap of support it can get so that its many projects can continue in the third world.

If you would like to know more about the activities of BAM, write now to:

BROTHERS TO ALL MEN
Manfield House
Southampton Street
LONDON, WC2R 0LR

LETTERS

CONFERENCES

Dear Sir,

I take serious exception to the closing words of the article on summer conferences in the last Felix, namely, "... it would be a good idea if the organisations using I.C. facilities should be vetted to see if their aims are in agreement with those of the students."

This is an extremely dangerous statement if one considers all its implications.

May I just remind the author that:—

- a) a democratic society tolerates various differing opinions and groups, at least so long as they do not directly threaten to undermine that society, and
- b) Nato = evil is not an identity (something that is implied by the last paragraph of the article).

I would also like to suggest to the author that he refrain from using the not-so-occasional I.C.U. tactics of slipping in statements/clauses that are purely polemical and bear little relevance to the usually quite reasonable main article.

Yours faithfully,

Dori schmetterling.

Sir,

To have these off-shore islands of ours divorced from the main land of Europe or to join the Common Market — that is the question.

But it would be disastrous if that question were to divert us from many other important problems; for example, that of the environment. Not easily diverted would be those who live beside the construction of a lethal, noisy, polluting, home-devouring motorway; a motorway which according to British Rail, may cost about nine thousand per cent more than the same length of their "Superhighway" (rail track) in urban areas. Even by present day standards this inflation is enormous.

Industrial relations are kept before our eyes (especially when they are bad) and in large organisations they become a contest of power. However, there are small firms where personal relationships are particularly vital, but one encounters supervisors who do not even take the trouble to learn the names of those whom they supervise.

Productivity is a word bandied about, but I would prefer to hear more of the two words "know how". They are, of course, related to technology and education.

It is education which really shapes our destiny, but diversion is easy — almost inevitable — because of the wide range of subjects which may be studied and the time lag between acquiring skill or knowledge and making use of it. The cult of creativity, too, is disturbing because its adherents do not seem to worry whether things are right or wrong, useful or useless. Even more disturbing is the United Nations (UNESCO) observation that an academic truth does not always have a counterpart in the real, practical world. The phrase "its only academic" is commonly used now.

Education must endeavour to regain its former status.

Yours sincerely,

WATKYN JONES.

WANTED: For I.C. Television News STOIC and FELIX wish to audition people willing to act as newscasters and interviewers. Those who wish to attend should contact T. Dye STOIC, through the internal mail to Tizard hall or the Electrical Engineering letter rack.

WANTED: Small ads will be printed in this paper free of charge beginning next issue. Send required ad to the editor via union letter rack. Apply in good time and take advantage of this marvellous offer to buy or sell your things.

FELIX STILL NEEDS STAFF

If you want to help either come to our press meetings at 12.45 Tuesdays and Thursdays, or contact Dave Sugden (Maths II) or at Linstead Hall 362.

PARANOID AT I.C.

Dear Felix,

On Thursday there was a party. That isn't exactly news; it was advertised all the first week on masses of faded pink posters. "SEX" said the biggest blackest letters, catching everybody's eye with remarkable success, "30p" said the smallest, ignored, irrelevant and only a paltry sum anyway. Surprisingly not all that many took advantage of the enforced celebrations and of those that did the bulk seemed to be freshers like me, unaware of the subtle intricacies of I.C. social life. Some, like me have not yet persuaded themselves that there are no intricacies in I.C.'s social life.

Social life seems, with no experience to the contrary, to be simple. Either it doesn't exist for those that are too busy working, or it exists as at the party. And at the party it was simple, exceedingly simple.

For blokes, the first step is to ask loudly for a pint of beer, preferably quoting a specific make to show that you have drunk enough to tell the difference. Then after a good swig and a healthy spasm of lip-licking the procedure begins. Preferably with a friend to make yourself less conspicuous you amble slowly down the corridors and through the little rooms eyeing up the talent. Whilst doing this the first item of conversation is, inevitably at I.C., and I quote

'Not much of it around is there?'

'No, . . . She's not bad though.'

'She's with him though. Always the same, ain't it?'

'Yes,' and so saying another swig is downed.

Perhaps now comes an interlude for contemplation. Feet tapping to the incessant voluminous beat you remain silent, watching the world go by. Faces that are afraid to speak to you or acknowledge you drift stonily past, bathed in grating glaring multicoloured lights that illuminate; little punched computer ticker-tapes twist rhythmically in the breeze of people passing; neon gold and silver posters force themselves on your gaze.

Echoes of Paul Simon here, the sounds of silence everywhere. For there is no real communication, just chatter. Idle chatter that you make and hear, about beer and liquor and women and hopes for women. Every attempt is made by all to get one, that's inevitable; a part of what is called the human predicament. Carnal knowledge.

And inevitably the girls join in, it takes a fool to realise they are onto a 'good thing'. Yep, everybody plays the game, the pick-up game, in the same sort of way as at an auction. 36-24-36 says the auctioneer about the lot she is selling, trying to draw as many prospective buyers as possible with all available means of attraction. Only in this market place the auctioneer is the lot, and everybody works on that basis. Simple, but cold, in an impersonal way.

As for me, well I was in the same boat in a way, looking for a girl and I did see one. She had nice eyes. Dark, understanding, sensitive eyes. But she had met a shy boy, and so, unwilling to intrude, I left and wandered around Princes Gardens. Crunching autumn leaves and watching flickering shadows playing in the trees, and dreaming of gaelic girls, grinning,

Yours with love,

Paranoid.

..... This issue of Felix, the newspaper of Imperial College Union was edited by Dave Sugden, assisted by Tony Upton, Olly Dawson, Dave Gribble, Andrew Melvin, Colette Robertson, Ross McBeath, Bernard Williams, and Ron Matthews. Features: Tony Sims The sports editor is Chris Patter, and the reviews were by John Bryan and Stephen Amor The photographs were by Malcolm Bailey, with Colin McCall, Steve Heap, and Stuart Cambell. Business and circulation is organised by John Stares. Typing and cleaning by Jane Cornish (Tich!) The advertising agents are University Press Representation, Grand Buildings, Trafalgar Square, London, WC2; the printers are F. Bailey and Son Ltd., Dursley, Gloucestershire. Felix is Published by the editor on behalf of I.C.U. Publications Board, London, SW7 2BB, (01) 589 2963, Int. 2881

Delaying the issue . . .

“ . . . er . . . Personnel Manager?”

“Speaking.”
“Well, I’m just ringing to ask about a job like . . . I got this degree and I thought . . .”

“Yes, I’m sure we can help, would Monday, 9.30, do?”

Getting a holiday job may be this easy, but finding a career isn’t. No one really needs the Meacocks of this world to tell final year students they’ll soon be out in the cold. Many students are likely to make the wrong decision at first. In College, imaginative projects like Vacation Training fail to give a true view of working in industrial laboratories and the like. Clearly when the real thing arrives, the easy

atmosphere vanishes and you as an employee are faced with a novel amount of responsibility. Lose the job and you may have difficulty finding another.

The easiest decision must be to postpone the decision itself. Well . . .

1. I.C. still approves of further qualifications, even if industry sometimes turns up its nose. You can do some M.Sc.’s on lower class degrees.

2. For the rest of us, the possibilities are less, but no less interesting. A job for say a year in anywhere from a bakery to a building site may provide valuable experience, thinking time and finance for consideration of a job abroad. (Remember, as an assisted immigrant in Aus-

tralia, for example, a decision to move on before two years will cost you the full return fare).

3. If leaving the country for a couple of years really does appeal to you, then VSO could provide the means and also interesting work, for example educational projects in under-developed countries. If you really enjoy the work then they may ask you to continue.

4. Many liberal-minded university students often find satisfaction in teaching for a few years. This requires a one-year B.Ed. course and a year in teaching to secure the qualifications. The rest is up to you.

5. Ignore your degree altogether. Be a painter or a bus conductor — remember degrees aren’t really so few and far between.

NIGHTLINE

Life at University for most people is very enjoyable and often exciting. There is always something to do, someone to talk to. But for almost every student there are times when they feel really down, either due to academic matters or some private problem. At times like this, you feel the need to have a talk with someone, either just for the company or to discuss some particular problem. But is there always someone there to go and chat with? Most students have a friend they get on well with, but are they always there at the particular moment they are required? Worse still, there are some students who suddenly find there is no one they can talk frankly with or no one they can turn to without feeling they are imposing on them.

Now who else could a lonely student turn to? Well, until last April, he had four courses open to him:—

(a) Go and talk with his tutor or supervisor and ask their advice.

(b) Go and see Dr. Grey in the Health Centre at 14 Princes Gardens, who could refer him if necessary to Dr. Storey, the College psychiatrist, who visits the Health Centre twice a week.

(c) Go and see the Student Counsellor, Mrs. Hartnett, who is also available at the Health Centre without appointment on Tuesdays, Thursdays and Fridays.

(d) Go and impose himself on some other student, hoping that he might be sympathetic.

However these above alternatives were only available during the day and it is perhaps in the evening and at night, when a somewhat lonely student is feeling at his worst. Thus it was felt that some services similar to that provided by the Samaritans could be offered by students to other members of the College.

And so Nightline was born. A number of volunteers went through a series of lectures and had a field test. Now a telephone is manned at Nightline between the hours of 6 p.m. and 9 a.m. Two volunteers are on duty every night and a third person sleeps nearby to aid them in an emergency. A flying squad will shortly be available to enable volunteers to go out to students in need.

How do you contact Nightline?

Should any student feel at any time that he or she would like to talk to sympathetic fellow students, then he can contact us through the internal telephone system No.:

2468

or the external telephone system No.:

581-2468

or by coming to 8 Princes Gardens, which is next door to the swimming pool.

Any information given to one of our volunteers will be treated in total confidence.

NEW VOLUNTEERS

With quite a lot of last year’s volunteers being in their third year. Nightline now requires some replacements for them, as well as other people, who are willing to help in some way, so that we can build up a really efficient service to the community. There are a number of ways in which people can help:—

(a) By entering the next training programme, which will be starting at the beginning of November and given with the help of the London Samaritans.

(b) By being the third person (untrained) on duty at nights. This person on most occasions will get a full night’s sleep, but in the event of a crisis, it will be their job to arrange transport if necessary, to summons another volunteer if one of those on duty has to leave the centre, etc.

It is hoped again to build up a transport system of our own for use in the event of an emergency, without having to rely on public transport.

(c) If you own a car and live in hall you can be included on a transport rota.

(d) If you can drive, but don’t have your own car, and you live in hall then you can still be included on this rota, as we hope to have the use of some of the college vehicles.

If you feel you would like to help in some way either call in at No. 8, Prince’s Gardens one evening or contact the Director, I.C. Nightline, c/o the I.C. Union Office.

Academic Affairs— YOUR EDUCATION

Two years ago, a questionnaire was sent to all undergraduates asking them if they wanted the opportunity of taking non-technical studies as part of their degree courses. Of the 50% response, over 90% came out with a firm YES.

Over the two intervening years, this student demand has been very much in evidence. The Union has done a lot of work persuading departments to allow their students the option of basing up to say, 15% of their studies on non-technical subjects which carry credit in the same way as their technical counterparts. This allows a student to take full advantage of I.C.’s specialisation (or to obtain a broader education, as he wishes).

Some departments have been operating such schemes, in one form or another, for a number of years, and now the range of subjects covers Sociology, Psychology, History of Science, Politics, Twentieth Century History, Modern Literature and Drama, a Seminar on Progress, German and Russian. However, there are still some departments whose students are not given the opportunity to attend any of the above courses, let alone gain course-credits for doing so.

We hope that this year will see the appointment of an “Academic Director”, who, as a senior staff member, will be responsible for co-ordinating the field of Associated Studies on matters of policy, helped by individual members of staff housed in departments as at present. This should encourage those dubious departments to participate in what should become a college-wide system of options.

There is another, even more important, side to your education here as scientists and engineers; and that is the relation that a particular branch of science or technology has to other branches and to society in general. The importance of tying together the teaching of any scientific discipline and its past, present and potential effects on society and the world in general should be openly realised, and discussion on the subject should become an integral part of any undergraduate course in this college. We may thereby hope to produce thinking and socially responsible people as graduates.

Projects, which may have a basis in a science or technology and proceed from there to examine social, political and economic implications,

are immensely valuable in fostering this awareness; projects of this nature are undertaken in some departments. It is true that a student may get only as far as formulating the problems involved in the area he is looking at and supplying possible methods of solving them, without coming up with the definitive answer—but he will have learnt a great deal in doing so. The staff concerned with Associated Studies subjects provide invaluable back-up for this type of work, and many staff are finding that they can contribute more than even they expected. Another advantage of project work is that it does not involve timetabled lectures (i.e. does not disrupt the timetable from the administrative point of view), and leaves much more to the initiative of the individual student.

Broad-based projects may certainly prove to be the major academic development on a College-wide front during the next few years at Imperial.

Ian Mackenzie,
Academic Affairs
Officer,
I.C. Union.

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BENIVINGUTS A L'ANDORRA

Radio Society's Expedition to Andorra

In 1969 and 1970 the Radio Society organised expeditions to Wales and to Guernsey. These were judged to have been successful and it was decided that this year's expedition should go further afield. Discussions last Autumn led to Andorra being chosen as the venue. Andorra is a small principality set high in the Pyrenees, between France and Spain. The terrain is rough, the lowest parts being about 5,000 feet a.s.l., rising to peaks of almost 10,000 feet. The system of government of Andorra is unique, in that it is jointly ruled by the Bishop of Urgell (in Spain), and by the President of France. The forests and uncultivated land is common land, so Andorra is popular with campers. Since there is only one resident radio amateur in Andorra, it is considered quite "rare" radio-wise, although an increasing number of amateurs from France visit the country at weekends. After deciding that the main objectives of the expedition should be to contact England on the two metre amateur band, and to contact 100 countries on the other amateur bands, detailed planning commenced.



After the usual frantic last-minute arrangements, the party of ten members left Southside at noon on Saturday, 26th June. The Hovercraft crossing to Calais was made an hour earlier than planned, owing to quick progress down the M2. The party then drove on through France until Sunday morning, when a convenient camp site was found at Nevers. The route to Andorra was to be rather indirect, via Perpignan, since, in spite of our efforts, the French authorities had not sent the transmitting licence to London, and their offices were at Perpignan. The party reached Perpignan on Monday morning, and after negotiations (in French!!), we were told that we could find out the callsign allocated, by telephoning from Andorra, and the paperwork would be forwarded later. Having left the address of a friend of a friend of one of the party, we drove on to Saillagouse, just outside Andorra. The next morning we crossed into the Principality. At the top of the pass, we found the station of Sud Radio, one of the two local broadcast stations. This warranted a visit, and we found that Andorra's sole radio amateur was the Chief Technician there. He showed us round the transmitting equipment, and also took us to the balcony on top of the station building, to see the superb scenery. He also told us how, in winter, the station is entirely self contained—the power lines are taken down before the blizzards blow them down. Having replenished our food supplies in Andorra la Vella, the capital, the question then arose of where to camp and set up the radio station. Investigation of two known sites showed that although they were fine locations so far as VHF radio was concerned, they were not easily accessible with the Land Rover and trailer. Eventually, towards evening, we continued through Andorra towards Spain, and left the main road before turning off up a steep track towards the plateau of Rabassa. Map reading was hampered by the fact that we were using a French map which did not, as it turned out later, show our road. The Spanish map had been given up previously, since it had fallen apart soon after we had bought it. However, after various expressions of doubt, we continued upwards, and arrived on the plateau at 10 p.m. After pitching the tents, we all slept soundly until the next morning, when the problem arose of finding out where we were. After using such advanced map-reading techniques as taking bearings on unidentified hills and tracks, and turning round in circles while pointing a compass in arbitrary directions, someone found the appropriate piece of the Spanish map, and proved that we had, indeed, arrived at Rabassa. The map also showed how we had arrived there, and the prospect of collecting provisions regularly by this route caused some alarm.

Later that day, the main station was put on the air, and the VHF equipment was prepared for transport to the top of the highest hill around. The hurried construction of the VHF gear was soon apparent, and rebuilding took place regularly. Having telephoned Perpignan and obtained the callsign C31DZ, a visit was made to the address given previously for the forwarding of the transmitting licence. Upon enquiring about the whereabouts of the house concerned, the local inhabitants became distinctly perturbed, and it transpired that the address had been frequented by a criminal on the run from Interpol. After a hurried change of plan, the College address was left with the local postmaster, who said that he would send the licence on to London. It has yet to arrive. On Friday, some of the party visited the proposed VHF site, to prove its accessibility. Later that afternoon, several of those remaining took the Land Rover to the aid of a French couple who had got their Mini-moke stuck in a bog not far from our camp site. After extracting them, our star driver managed to get our vehicle stuck in the bog as well, until it was resting on the sump and axles. After several fruitless efforts to dig it out, it was necessary to resort to more primitive methods. Two small trees were sawn down from the nearby forest, and these were used to lever the Land Rover out by its front bumper (how many other vehicles could be lifted out of a bog by their front bumper?). That evening, after our own celebration with several bottles of local wine, the Frenchman and his wife turned up with a large flagon of port as a token of their gratitude. The state of inebriation which resulted led to an early close down of the radio station, and also a late start the next morning.

The next day, the VHF operators were taken to their site, and helped up to it with the tent and radio gear. On the way back the Land Rover was doing well until it reached a wet, grassy 1 in 1 slope. It was therefore left halfway up the slope until the next morning. It was duly retrieved, just before a heavy rainstorm. Daily visits were made to Andorra la Vella for food and to pick up water at a spring on the way down the mountain. The journey time was reduced from almost two hours to just under 1 hour (17 kilometres on the road, descending 5,000 feet)—some indication of the increasing confidence (?) of the drivers.

The VHF station and operators were fetched back without incident. They had not succeeded in contacting England, because of a combination of equipment failures and very severe weather conditions, which kept the station off the air for much of the time.

Finally, we must express thanks to all those, both within the College, and elsewhere, who helped to organise the expedition, particularly Frank Potter and Ken Weale for their last minute help in financial arrangements.

Scholarships Abroad

A booklet giving information on scholarships abroad available to students who will be graduates in 1972 has been sent to the editor and is available in the press room (third floor union building) to anybody who is interested.

Postscript

RadSoc will be holding a coffee evening cum film show on Wednesday, 27 October, at 1930 in Elec. Eng. level 6 Common Room, when we will show slides and film of the expedition. Anyone interested either in the radio or travel aspects, is welcome—please contact the writer c/o Elec. Eng. 3.

Richard Nicholls.

Opsoc Returns to Devon

The inhabitants of Budleigh Salterton look upon the annual visit of the I.C. Operatic Society as one of the highlights of the summer entertainment at the Public Hall of this quiet East Devon town. Highlight it is indeed for, although the wiring in the hall is potentially lethal in the opinion of the lighting director, and the stage crew would like to see the stage rebuilt, Opsoc manage to put on a very professional show.

This year the production was another G. and S. opera, "The Gondoliers". A total of nine performances were put on including one matinee. All were well attended, particularly the last night, when as many people as possible—with a liberal interpretation of the fire regulations—were packed into the hall.

Opsoc arrived in Budleigh Salterton, on July 17th, and the first three days were spent rehearsing and painting the scenery. After a well

received first night, everyone had more free time. The beach although it consists entirely of pebbles soon became a popular place to spend the day.

The local people were very friendly and only too pleased to help—especially members of the tennis club who invited everyone round for drinks on more than one occasion. Everyone enjoyed themselves and it was certainly a holiday to remember.

This coming February, Opsoc are putting on "Yeoman of the Guard." New members are always welcome, whether you want to sing or help backstage. Meetings are held every Tuesday, at 7.30 p.m. in Mech Eng 342 and if you don't want to join you can always come along and watch in February.

Chairman Wanted

S.C.C. are now without a chairman. Great organizational skill needed. Get in touch with John McCullough (I.C. union office) Anna Madellis (S.C.C. secretary) or come along to the S.C.C. meeting, Wed. 27th Oct., 7 p.m. in committee room D, College Block. A free hall place if you are elected.

Copy Wanted

U.S.K. RAG are producing 30,000 Rag Mags. The editor is John Tollick of Q.E.C. He wants jokes, cartoons, articles and ads by Nov. 5th at latest. Copy to Rob Armitage (c/o Linstead 534 or I.C. union office). All copy accepted for the mag gets the owner a free Mag.

IMPERIAL COLLEGE

COMMEMORATION DAY

Royal Albert Hall

Thurs. 28th Oct.

2-30 p.m.

Entrance free

without ticket at

the main door

REVIEWS

Films

Only three films to be reviewed in this issue. The first of these is 'GIMME SHELTER'. This is the Maysles Brothers' film of the Rolling Stones' tour of America in 1969 culminating in the free concert at the Altamont speedway. All the film leads up to the Altamont concert, where there was repeated violence in the crowd and a Hell's Angel knifed a man to death. This film has been seen as an ironic sequel to 'Woodstock' but the film is very different; 'Woodstock' presented a view of the size and grandeur of the event and tried to produce a message out of this (the largest gathering of people ever in one place who didn't join in battle) whereas 'Gimme Shelter' concentrated on the differing responses of the people involved. There are many other thoughts that could be derived from this film of the Altamont concert but to make this review brief

I recommend you to go and see it, because this film is the best example so far of the fusion between cinéma-vérité and rock music.

On the other hand 'MAD DOGS AND ENGLISHMEN' is just a rock film, no particular message just a film of Jock Cocker's tour of America with the 'Mad Dogs and Englishmen', it is quite funny and very enjoyable with about twenty songs all done in Joe Cocker's own very original style.

If you have kept the last edition of 'Felix' you will see that in there I reviewed 'The Music Lovers' and in this edition I'll take a look at Ken Russell's latest film 'THE DEVILS'. The problem with Ken Russell's films based upon historical fact is to decide what is historical fact and what is Ken Russell. He seems to have followed the

book 'The Devils of Loudon' by Aldous Huxley very closely. It could be described as a typical Ken Russell film; all the erotic sequences are there, he uses the claustrophobic sets that look so artificial and theatrical but which are so beautiful. Yet it does not stand comparison with 'The Music Lovers'; it is probably much more factual than 'The Music Lovers' yet by not editing the film tastefully, his film struck me as being very sensational using a combination of gory details and erotic sequences to 'sell' the film. Out of the cast Oliver Reed as Father Grandier, the lecherous but honourable priest, and Vanessa Redgrave as the crippled nun infatuated with Father Grandier come out the best.

In the next issue I hope to be reviewing Barney Platts-Mills' second film 'Private Road' and (possibly) 'And Now For Something Completely Different'.

John Bryan



Terry Riley:
"A Rainbow in Curved Air"

Records

Terry Riley is an American contemporary classical composer with whom listeners to avant-garde Jazz and Rock are probably familiar. His work "Keyboard Studies" was performed at the Proms in 1970 on the same evening as the performance of Soft Machine, on whose music he has considerable influence. "Rainbow" was released in the USA in 1969 though CBS have up till now not released it over here. Anyway, now that it has been released, there should be no excuse for anyone who has not heard this remarkable album. The title track, which

occupies the whole of the first side, is a composition for various keyboard instruments; over a background of pre-recorded loops appear almost frenetically played note sequences in a sort of conversation. The overall effect is one of continuous variety; on the first listening you become hypnotised by one note sequence and the others are relegated to the background, while on the second listening another sequence captures your attention, and so on.

The second -side of the album is taken up with "Poppy Nogood and the Phantom Band", an even more mystic

piece of music than "Rainbow". It begins with a series of loops compounded in a collage, like Soft Machine's "Out-Bloody-Rageous" (Sorry, "Out-Bloody-Rageous" is like it), followed by a long section featuring Terry on soprano sax, using repeating loops again and echo devices, described on the cover as "Spatially Separated Mirror Images". It's reminiscent of "Hall of Mirrors", another of Terry's works which I hope everyone's heard. Both pieces evoke a very strange atmosphere, and to those who think "The New Music" ended with boring, deafening, free-form improvisation I can only say put this on the player and close your eyes.

Canned Heat

The first time I saw Canned Heat was a bright sunny morning on a Festival field in Somerset. They had a singer so fat he nearly stomped his way through the stage, one guitarist with a voice like an owl and another who stayed rooted to the spot for the whole act—they were a sensation. Changes have come since then: Al "Blind Owl" Wilson is dead and Bob Hite has lost a lot of weight, but on Monday night Heat showed they're still capable of playing the meanest rocka-boogie ever to shake the foundations of the Albert Hall.

They were preceded by Stone the Crows, who received a well-deserved ovation for their polished act. A solid rhythm section of Colin Allen and Steve Thompson (remember them with John Mayall?) backs up the very skilful Les Harvey on guitar and of course singer Maggie Bell. She has all the earthy appeal of Janis Joplin or Tina Turner and a voice to match either. If any group can put everything into their music and still give an impression of superb relaxation then Crows are that group. Watch them because they're going places.

Canned Heat came on to an enthusiastic reception from a crowd obviously un-

deterred by the not-so-enthusiastic reviews the group had received on this tour. On the numbers for which he was featured singer/guitarist Joel Scott-Hill proved himself a more-than-adequate replacement for Al Wilson without trying to sound like him, although most of the time Hill played rhythm guitar to Henry Vestine's lead. As well as new numbers like "Long Way from LA" they included old favourites "Let's Work Together", "Goin' up Country" and the inevitable "Refried Boogie" which the crowd were shouting for all night. We were treated to a 30 minute version featuring a fairly free-form, but not too long solo from Vestine, an organ break from Tony Ashton, who is accompanying the group on this tour, and a drum solo from Fitò de la Parra which even in these days when super drum solos are ten-a-new-penny was truly phenomenal.

The music critics are always quick to kick a group when they're down and since the death of Al Wilson Heat have suffered rather badly at the hands of the press. How much of the criticism was justified I don't know, but now they really are as good as ever, and I hope this performance proved it once and for all.

WHAT'S ON

OCTOBER

Thur 21

1.30 - 2.20 pm Lecture Theatre B, Level 5, College Block. Careers Opportunity Talk "The Engineer and the Chemical Industry". Mr. E. W. Williams (Imperial Chemical Industries).
6.00 pm Civ. Eng. 207. Bangla Desh discussion with representatives from "Omega" and "Action Bangla Desh".
7.00 pm Chem. Eng. Lecture Theatre I. North America Club presents "For A Few Dollars more" with Clint Eastwood, Lee van Cleef. Adm. 10p. Coffee. Non-Members Welcome.

Mon 25

7.30 pm Mech. Eng. 220. Wellsoc "Putting Muscles into Material". Dr. R. Farrar.

Tue 26

1.30 - 2.20 pm Lecture Theatre B, Level 5, College Block. Careers Opportunity Talk "A Career as a Chartered Patent Agent". Mr. R. W. Andrews (Hasseltine Lake and Co.).
5.00-6.30 pm Elec. Eng. 1110. Advanced German Class.

Wed 27

5.00-6.30 pm Elec. Eng. 1110. Advanced French Class.

Thur 28

Commemoration Day.

Anti-Apartheid

'What I do foresee, and what I hope will happen, is that majorities will refuse to allow minorities to dictate to them and threaten them with violence if they cannot have their way'—B. J. Vorster, Premier of South Africa, September 10th, 1971, on Australian cancellation of the Springbok cricket tour.

Mr. Vorster, it seems, is determined to continue his racist policies and to maintain the police state in South Africa which makes white supremacy possible. Most people in this country abhor Vorster (who was interned during the Second World War for Nazi activities) and his apartheid policies yet seem to do little about it. Indeed the present Tory government is encouraging his regime by supplying arms to South Africa, in defiance of the U.N. and refusing to stop or even curb British investments there. The Tories are even talking about a negotiated settlement with Rhodesia when it is clear that any such settlement will be a sell-out to racism.

The main movement outside South Africa attacking apartheid is the Anti-Apartheid movement. This is bas-

ed here in England because we still have many links with South Africa; British capital makes up 60 per cent of all foreign investment there. The Anti-Apartheid movement aims to destroy apartheid by isolating white South Africa from all forms of sporting and cultural contact, by attacking the capitalist system in South Africa by pressurizing British firms to cease investment, by stopping arms getting to South Africa and by supporting the Freedom Fighters there.

The recent successes of the movement, particularly in isolating South Africa from international sport, has made it Vorster's main enemy outside Africa. The Anti-Apartheid movement is watchful for attempts by Vorster to destroy it, especially as it was revealed recently that South African security agents were in this country, supposedly for 'training', and were receiving co-operation from Scotland Yard.

There has been talk recently of setting up an Anti-Apartheid movement within I.C. There are many aspects of Anti-Apartheid policy which can be applied here. Notably within the Royal

School of Mines where scholarships are offered to white South African students to study here. It is already Student Union policy no South African food here, in the refectories, but an Anti-Apartheid movement could act as a watch-dog to ensure this was being enforced. It could also try and make students aware of British firms with investments in South Africa so that their goods can be boycotted. Another sphere where an Anti-Apartheid movement could be useful is in exposing racial discrimination within an area where many I.C. students live, namely Notting Hill.

It is hoped to have a meeting soon with a speaker from Anti-Apartheid. Anyone interested should contact either Jill Dare, Trevor Pinch or Roger Werry via Physics 2 letter rack.

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SPORTS FELIX

I.C.F.C. Outnumber opposition

Last year I.C. teams probably had the most successful season ever, winning all three U.L.U. Cup competitions, with the 1st XI runners-up in the premier league and the 2nd XI winning their league, I.C. maintained their very high standard in the league competition.

This year too, things look promising, with more than one hundred freshers requesting trials on freshers' day and a large majority of already experienced I.C. players returning to foster the talents of the freshers. With such a large number of freshers, it has been very difficult to assess the standards of individuals, but at last teams are beginning to take a reasonable form, and we surely must be looking forward to yet another successful season.

At the end of last year, three previous I.C. Football Club captains left College to take up work in industry. With three players of this standard all leaving at once, the I.C. 1st XI has had to undergo a little reconstruction and, as yet, the 1st XI has not been a settled team. Players who are at present playing in the 1st XI have to play well in an attempt to secure their place and to gain the confidence and re-

spect of their fellow team members. This is also the case in the other teams, where juggling for positions goes on at an equally intense rate.

However, on the first match day of a new season I.C. teams have begun to establish themselves already. On Wednesday, the first of three teams went to St. Clement Danes, a school with a very high standard of playing ability, and we came away victorious from all three pitches.

The first eleven, with a team including three freshers won by 2 goals to 1, the goals both coming in the first half from T. Tibbutt, a fresher making his debut for the 1st XI and from C Willcock who hit the net from the penalty spot. However, with one win under their belts the firsts have no cause to be complacent; at times their play lacked all fluidity and but for the excellent work of N. Bakewell in goal and M. Pearson — another fresher—at centre half—they might not have been victorious over the schoolboys.

On this performance, though, the first XI seem set for success this season provided that both the first and second team members attend

training regularly. Training is essential to build the team spirit, understanding and fitness which are imperative for a successful team and indeed, a successful club.

Also, at St. Clement Danes the second XI won 2-1, whilst the third XI dominated their game and ran out easy 5-0 victors.

Meanwhile at Harlington I.C. teams entertained our close rivals U.C., but as is always the case I.C. came out firm winners overall, the fourth XI winning 5-0, the fifths winning 4-2, and the sevenths won their game, but our only defeat of the day came for the sixth team who slumped to a 6-1 defeat.

Overall these results look promising and the season is now well on the way, however, in order that the club should also promote some social atmosphere we will be holding our annual Pie and Mash Supper next Wednesday, when we hope all club members will come along so that we can introduce the freshers to a lively and friendly club.

1st team: N. Bakewell, P. Maslin, C. Acutt, C. Willcock (Capt.), M. Pearson, N. Fryer, P. Willey, P. Bartlett, B. Milne, B. Smith, T. Tibbutt.

1st XV win opening match

IC 1st XV began the season in fine style against Avery Hill College of Education on Wednesday, 13th October, when we notched up a score of 66 points against weak opposition. Although it was a wet day which made the ball greasy and difficult to handle, IC always attempted to move the ball with appropriate results. The scoring was opened when A. D. Havlin went over in the corner for the first of his five tries, A. James converting. Another 12 tries followed during the course of the game, even fly-half A. James managing to get one. (His first try ever for IC 1st XV).

Scorers were:

Tries: Havlin (5), Hunt (2), James (2), McDonough, Michael, Pilkington, Hughes. Conversions: James (7).

Team: J. Hughes, J. McDonough, P. Pilkington, A. D. Havlin, J. Hunt, A. James (Capt.), C. Flanagan, M. Sugrue, H. Michael, C. Wrigley, R. Mathews, C. Humphries, G. Roberts, I. Partridge, A. Tebbett.

Now that the trials are over and most people are gaining fitness, the club is beginning to settle down to a

new and we hope, successful season. The success of the club depends largely on the new influx of rugby talent, since any college side loses many stalwart members at the end of a year. This year again, about 60 freshers joined up at the freshers fair and with such an increase in membership it should be possible to field 5 or 6 teams on a Saturday afternoon. Whether we do or not, depends on you and the effort and enthusiasm you are prepared to put into the club. So, turn up to training at 5.30 in the gym on Mondays, and remember tick your name off on the team lists as soon as possible and in any case before Friday. The Fix. Sec. Mike Agg works hard throughout the week to obtain fixtures for Saturday so please turn up, so that all his hard work has not been in vain.

Those of you who think that you deserve a place in a higher team, be patient, because those who are worthy of that place will eventually get recognised. The best example of this are this year's Captain and Vice Captain who both began last season in the A2 team and gradually worked their way up.

Now, a word about the club off the field; on Monday, 25th October, the Annual Pie n' Mash will be held in the Lower Union Refectory and as most of you have paid already you may as well turn up at 7.0 p.m. As it is a Monday you can work up a suitable thirst by going to training beforehand.

On November 5th at Harlington, ACC are holding a disco which we hope will go off with a bang!! There will be a fireworks display and a bonfire and since the Rugby Club are doing most of the organising, we hope that you will come and support the venture. Coaches will leave from the union, so keep an eye on the notice boards for further details.

During the course of the year the club intends playing a match against the President's (Prof. Sparkes) XV to celebrate the 50th anniversary of the club. The match will be followed by a dinner in the Union. Also there will be a foreign tour during Easter; probably to France.

As you see there's plenty to do this year, so train hard, play hard and enjoy your rugby at IC both on and off the field.

Badminton

As some of you may or may not remember the badminton club had overwhelming success in the U.L.U. league last season. Along with retaining the Mens I cup for the second year running, the Mixed I brought the cup to IC for the first time in the listing of the U.L.U. league. Both these events, I might add, were won outright, that is, not losing to a single college for the past 2 seasons, a record which I am certain will be equalled this coming season. The Mens II, III, and IV did extremely well by coming 2nd, 2nd, 3rd respectively. With the usual problems of finding regular players especially in the IV team this was quite an achievement.

Getting on to this season, we have introduced a 2nd Mixed team in the U.L.U. league, hopefully with the influx of keen, fit, girl freshers we shall be able to go from the 3rd division to the 2nd. We have previously had a shortage of girl players, but I'm sure this season will see a change in this.

With the relentless efforts of the ACC in the guise of Bill Beauford (ACC Chairman) the authorities have given us the use of the Great Hall, along with two Portacourts.

Wednesday afternoons and Saturday mornings will be taken up with league matches, but we have club play from 1-5 o'clock in the afternoon. Anyone, whether team member or virtually no experience, male or female or otherwise are invited to join. Coaching will be given to beginners so please come along.

Vive Volleyball

The teams finished last season's successful run by being awarded the Links cup for the most improved club in Imperial College. We took part in six main competitions—five of these produced medals—three of them first places.

There are murmurings in the air that soon an IC women's Volleyball team will emerge—we already have two invitations to play matches but as yet only tentative offers from the 'fairer' sex (to play volleyball as well!). Any further enquiries should be addressed to the secretary via Internal mail.

Will all members (or members-to-be) please contact the secretary as soon as possible. Practices are held every Wednesday (2.30 p.m.), Friday (5.30 p.m.) in the union gym—a Sunday session will be arranged if there is sufficient demand.

Volleyballs to you all!!

R. Gryg (Secretary).

EDITORIAL

Another session is upon us and Freshers will have been conned into paying subscriptions to various clubs. For those who have not paid, it might be noted that sport at I.C. is remarkably cheap compared with the cost to play in clubs outside college.

The standard reached by I.C. sports clubs is very high with the College having teams as good as many of the Universities. In order to maintain these standards a great deal of work has to be put in both on and off the field. Captaincy is important on the field but in college part of the hardest work comes outside competition and it is essential that initial enthusiasm by captains and members be maintained throughout the year.

Not only does I.C. cater for the high quality sportsman but there is every opportunity for the average player. You are sure to find your level in one of the many teams run by each club where you should extract maximum enjoyment from the sport.

During the summer term the College is plagued by exams and lack of Felix yet at this time the cricket and lawn tennis clubs are functioning. Last year the tennis club had an unfortunate time being upset by the weather and the postal strike! but the captain, Pete Lonnen, has promised that the club will be in existence and active this year. The cricket club was enjoying perhaps its most successful season, winning the ULU cup comfortably and a great deal of credit must go to Russ Smith, the captain.

With winter upon us, most of the clubs will be aiming to win their respective inter-collegiate ULU cups or leagues. Last season the Rugby Club 1st XV disappointed themselves and the rest of the College by failing at the final hurdle to retain the Gutteridge Cup. They set off this season, to regain the trophy with a team weakened by the loss of key players and freshers scarce — yet they still have enough enthusiasm to pull it off. Meanwhile the Football club has such a record of achievement that great things are expected of them automatically.

Badminton, Volleyball and Swimming clubs had outstanding success last session and can only look forward with pleasure to the forthcoming competitions. Badminton is now played in the Great Hall which is not only convenient for players but spectators as well.

The girls at I.C., with so few to choose from, always seem to produce a Ladies hockey XI of very high quality and this year seems to be no exception. They have already won an early season tournament and we must look forward to them regaining the ULU cup.

Generally, the feeling amongst the captains is that although they have lost some experienced players, hard work and continued support from the members will lead to the usual array of trophies being set up for cleaning in the Union.

This year there is to be a bonfire at Harlington when the goal posts will be set alight on Friday, November 5th. There will be coaches to the event, the cost of which will be included in the entry ticket.

Ten Pin Bowling

The Ten Pin Bowling Club is a relatively young club compared to some of the other, more established Imperial College clubs, however over the years a small nucleus of keen members have managed to build this club into a lively weekly gathering of both sexes. Meetings are held every Wednesday at the Airport Bowl, near Heathrow, and a coach leaves the Union Arch at 1.30.

The activities are not restricted to Wednesday bowling, as every weekend three five-man and one women's team bowl in the University Ten Pin Bowling League. Up to now we have collected a few medals, but always seem to settle somewhere near the bottom of the league table, probably due to the grants running out at the end of term. This year free tuition is available, and for this I should like to mention the manager of the Bowl who has been very accommodating up to present. The bowling rate has been reduced this year to 25p for a three-game series.

An internal league will soon be established so I would advise anyone considering joining the club to come along at the earliest opportunity, in order to take full advantage of the tuition which will be available for the first few weeks. Women are especially invited to attend as this sport is not restricted to the male student population. Further information can be obtained from the Secretary, Dave Griffen, Tizard 436.

K. CRUMPLER, Captain (Maths II)

The Film Society did well to invite John Halas (of Halas and Batchelor) on Friday night. Mr. Halas' ability to talk on the techniques, history and role in the cinema of animation is equalled only by his outstanding ability to produce animated cartoons.

Until the 1950's most cartoons were synonymous with Walt Disney. They mean to most people Tom and Jerry, Mickey Mouse etc., but there were important elements in these widely distributed and commercialised trivia that Mr. Halas had appreciated — unlike Disney who had completely prostituted his skills to the American Public. Cartoons can exaggerate movement, alter time, emphasise the essential and disregard the superfluous. Music and pictures can be planned together and colours chosen with complete freedom. That is: the total and absolute control enjoyed by the animator makes his medium one which can put over a message with great force. Emotions, beliefs, theories, ideas and characters can all be transmitted and created through a medium that for many years has been grossly under-used.

Unfortunately it was not possible to show any of Animal Farm the film that marked the coming of age of the animated cartoon. Not only was this the first full length animated feature film but it was the decisive and radical answer to the commercialised entertainment that emanated from Hollywood.

The only film shown that was applauded was Automania 2000. A frightening picture of man's dependence on scientists, it is brilliantly funny and full of delightful ideas describing how people forced to live in permanent traffic jams would in fact get about and be fed and clothed. The sudden shock when the film ends with an ever-upward swell of cars that have been made self-reproducing, overwhelming the whole world and its controlling scientists leaves me both stunned and moved. The applause was loud and spontaneous. Yet this film in its eleven minutes exposes and questions the very beliefs behind the existence of Imperial College—that science is not

HALAS AT I.C.F.S.



necessarily going to bring the greatest good to the greatest number.

After the lecture there was a discussion in the ICR. Possibly the most interesting points of this were Mr. Halas' answers

to questions on his interpretation of Animal Farm and his intentions in producing the film. The reason for the disparity between the endings of the book and the film is two-fold. It would have made a bad film, Mr. Halas thought, to have ended it on the final note of the book and also in ending the film with a second revolution, the revolutionary cycle is not only established but maintained. It is only too easy to deduce from reading Animal Farm (as with 1984) that Orwell's book ends without any hope at all—it was after all the work of a man who had lived to see many of his illusions shattered in Spain and who was more sensitive than most to the horrific implications of the gap between Communism and Fascism after the Second World War. But in the film there is hope—which Orwell did hint at. The animals in the book do at least look in and see the similarities between pig and man, in a way perhaps that on-one saw the similarities between Communism and Facism.

One cannot help noticing in all his films Mr. Halas' great delight in certain scenes and pictures for their own sake. The film based on Hoffnugs drawings about the conductor whose orchestra played so loud that the Albert Hall fell down is, no doubt, a dig at the arrogance of some musicians. But the main impression is that what matters in the film is the sheer fun of the cymbalist with a bandaged nose, the flautist who hangs washing on her flute, the bassoonist with a piccolo player in his waistcoat pocket, or the percussionist who brains himself with his tubular bells (one could go on for ages cataloguing the delights of his 'Symphony Orchestra'). The main impression that we got, was that of a man committed. Mr. Halas is commercial in that it would be unrealistic not to fake—he must eat—but Halas and Batchelor devote to experimental work about three times as much of their income as compared with the film industry's average. He is unfailingly modest about his achievements and is appreciative of English audiences. One is glad that his films have had the success they deserve.

Search Fees Illegal

Accommodation agencies, some of which have for years been taking advantage of the sellers' market in flats and bedsits have at last had some of their worst excesses curbed by the courts. Until this year it was common practice for agencies to charge people looking for accommodation for their services when in statute law they are allowed to charge only landlords; but in a High Court decision last July (Crouch and Lees v Harridas) it was (at last) ruled that charging people looking for accommodation is illegal.

Although this is an extremely important decision—because it means that in theory bills from accommodation agencies become as valuable and disposable as used loo paper, there are (as always with the law) several snags. These are:

(1) An agency is able to charge a fee in advance, refundable when no accommodation is found. One should not, however, be put off by this as in law this fee is just as refundable when accommodation is found—as it should never have been required in the first place. The best thing to do is to pay by cheque and then stop the cheque. The agency (once you have a list of addresses) is powerless to retaliate as they have no redress in the law.

(2) Several agencies, realising the drawbacks (to themselves) of asking for money in advance have started a new scheme by which anyone looking for accommodation is required to sign a contract that he will pay a certain sum of money when accommodation is found. Now, arguably, this is not the kind of fee that was ruled illegal in the High Court. It could possibly be said that it is simply a contract between two independent parties to both parties' mutual satisfaction. Equally, it could be argued that the fee demanded in such a contract is *de facto* if not *de jure* a search fee. The contract in such a situation becomes illegal and unenforceable in the courts. Unfortunately there has not yet been a case clarifying this issue.

So this could be anyone's chance to make legal history. It is more than likely that if an agency were to sue for the kind of fee described above, the courts would find for the defendant, and make the agency pay costs. So if an agency is asking you for money do not pay up. Refuse to pay, complain like hell, and go to the union secretary: for the union's solicitor is only too glad to advise the defendant in what could be an extremely valuable test case, which could quite possibly make looking for accommodation much easier for us all.

HARASSMENT

Unfortunately one's troubles are not necessarily over when one has got accommodation as the following (true) story shows

Someone (who had better be called X for reasons that will become apparent at the end of the story) was offered, and accepted some unfurnished accommodation. As the rent he was obliged to pay was very high, he went to the Rent Officer who agreed that the rent was excessive and had it reduced to a 'fair' rent. The landlord then started a campaign of harassment and imposed a midnight curfew on X and told all his other tenants not to open the door for anyone from inside — thus making it impossible for X to enter the building after midnight. The landlord tried to write the curfew into X's rent book but failed.

So not only has the landlord broken his contract with X, who has every right to sue him for this but also he is harassing him maliciously which is itself a crime. X has very wisely taken the matter up with the union and their solicitors. The matter rests at the moment. We hope to keep you informed.

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McLooge Speaks

The priorities of this campaign include setting up an area lodgings bureau and opposing the Government's policy on student accommodation.

An area lodgings bureau is needed to cater for all students in West London. This would have a complete picture of available accommodation and would eliminate competition between accommodation officers. The ULU lodgings bureau would cease to exist in its present form (dealing only with university colleges). But it could form the basis of the new lodgings bureau. Accommodation agencies that charge for their services are one of the evils of the present system, and we are submitting an amendment to the NUS motion on accommodation calling for a concerted anti-accommodation agency effort in one urban area. This will involve anti-accommodation agency publicity and legal harrying. We shall also be making widely known the services offered by free student/community accommodation agencies. These problems do not affect only students and we should be wrong to concentrate solely on getting better facilities for students. By combining our claims with those of local communities we shall make people realise that we know that others are worse off than we are and we should get more co-operation from local people.

A lodgings bureau on its own will not solve the problem of accommodation. The Robbins report recommended that 66 per cent of all student accommodation should be provided by the Government. At present an average of 10 per cent is provided for university students—other students are a lot worse off. We need a crash programme of new student accommodation but we must also have a say in what type we want and where we want it built, thus avoiding student ghettos. The IC Board of Governors agrees that an increase in residences is needed before any large increase in student numbers is contemplated; they have put a statement to this effect in their financial submission for the next five years.

The Government has just published a White Paper on accommodation calling for a 'fair rent' concept which will necessitate means-tests and could result in a majority of wage-earners applying for rent rebates. Another point raised is the possible decontrolling of rents for furnished accommodation. Most students live in furnished accommodation and this will strike them particularly hard if it is not opposed. Other more complex points of the White Paper affect the community as a whole and as such should be considered by the community as a whole.

On a more personal level; if you have any accommodation problems about agencies, landlord harassment or applying to the Rent Tribunal come along to the Union Office and see Dave Hobman or Will Paulson (Accommodation Officer) who will help you. The Union can also provide free legal advice on accommodation problems.

FELICITY

The FELIX Late News Supplement

HAILE! And welcome to the present Ed's first issue of 'Felicity', which goes part of the way to explaining why it may not be all it should be. It may also be his last, unless the Union duplicator gets rapidly repaired or someone offers the use of another in full working order which I and assistants can commandeer for most of alternate Wednesday afternoons. It is the fault of the duplicator that this doesn't look very good or that you can't read this, in which case (the latter) I suggest you petition the Union for not only a screw for the paper feed retainer but a separation bar to get the copies out of the duplicator once you've got the paper in, otherwise they go round and round for ever and ever and ever The main reason why this sheet isn't still going round is because we minimised on ink, to stop the copies from sticking, and probably you from reading this....

But enough of this; on with the late news items which is really why 'FELICITY' exists.....

latest news



Tuesday's Council meeting decided quite a number of things, important ones being listed below. And so they should have: the meeting lasted from 5.30 until 11.30 (I don't believe it - that's AFTER closing time!! Ed.)

COUNCIL



decided that if they had to pay for 'SENNET', they only wanted 50 copies. refused to buy a Synthesiser for WellSoc for £330, as that's half their term's allocation (the Union's, not WellSoc)

decided that the Union's priorities, for this term at least, should be

- 1) Diversification
- 2) Accommodation
- 3) Information problem
- 4) Job Situation
- 5) Student Union Autonomy

(when will they think of something original???? Ed.) These priorities will not necessarily be the same for the whole year, and will be reviewed at every Council meeting.

LIGHTS

It is now official Union policy to attempt to preserve the gas lamps in Prince Consort Road, and at least one Union member, whose instigation this preservation motion was, is prepared to chain himself to each and every one if necessary to stop the Ken and Chel Council from pulling them up, which is scheduled for November.

UNION LOUNGE

Apparently the Union Lower Lounge improvements have paid off. The pinball machines took £65 in the first week of term alone, of which the Union will receive half. The JukeBox suppliers will change up to four records every fortnight, and the Union, in the large and unmistakable shape of Dave Amos, obviously relies on users' requests to pass on.

WHAT ARE YOU DOING ????

'The use of higher education'. This is what you are doing and what is being talked about in a series of Lunchtime seminars in S.C.R., Union, Fridays 12.30-13.30 (Lunch provided). Organised by Academic Affairs committee as part of a move to create more interest in students about themselves in their primary concern (????) - academic affairs.

NEWS cont/

Mike Terry, the Secretary of NUS, and apparently not a Commie, is coming to the Union Meeting today at 1300 in the Union Building.

There was trouble earlier this week in the Union Lower Refectory where Brenda got fed up and took the law into her own hands - and proceeded to shut up from 4 to 4.30. The Riot Act has now been read, and it's hoped that service will now be as normal.

Anybody who has an Accomodation Questionnaire who hasn't yet handed it in:- will you do so as soon as poss, please, 'cos they're needed for a Press Conference next Friday.

Following true elitist criteria, the participants to represent I.C. in the forthcoming "University Challenge" will be competitively selected. In order to encourage genuine intellectuals, Messrs. McCullough and Armitage are prepared to submit to public humiliation in the trials. So come along and prove your genius.....it won't be difficult. (And submit to public humiliation yourselves - in frnt of millions - and in glorious technicolor!!!)

After bitter complaints about overwork in the Union Office, Linda is to get a full-time assistant.

COCK-UP



R.C.S. is holding a Union General Meeting in Pysics lect. Th. 3 at 1315 on Tuesday 26th, in which, amongst other things, if they ever get around to them, the Queer of Jez competition will be discussed, and may take place.

I.C.W.A., however, is also holding a meeting at the same time on the same day to discuss....wait for it....The Q. of J. comp. The clash, of course, is purely coincidental.....

HAPPINESS IS...



I have just been reminded that 'Felicity' means happiness, or something of the sort, and that this week's issue so far has not been particularly happy or light-hearted.

It is also suggested that I should therefore reproduce herewith this morning's T.B. Joke Of The Year, but I imagine that we would lose more readers than we would gain. But as we always seem to have these few odd inches of space to fill (we could leave them blank, of course, but it seems so bare) the Ed. would appreciate some original space-fillers, or a good alternative to them. Suggestions on a postcard, not smaller than 1,021 x 1/2 cms, before Tuesday week, please.

you've
got to give
him a hand!



CREDITS

FELICITY is edited, typed and generally got together by Olly Dowson, with the invaluable assistance of Dave Gribble, Doive Sugden, numerous Union officials who provided the news content, others who also contributed but who forgot to put their names on, his typewriter, gum, and 'Letter-Press', and is produced despite the desistance of the Union Duplicator on alternate Wednesday afternoons and evenings. Copy by Wednesday 12.30hrs. Published by the Editor on behalf of Imperial College Publications Board. All rights reserved (and a few liberties taken) 1971.