



FELIX

Founded in 1949

The Newspaper of Imperial College Union

Student in Health Centre after Southside meal!

An IC student, Abid Ali Dost, a Chemistry PG, received a cut lip on Tuesday evening while eating a meal in the Southside Refectory.

He had been eating Pizza rice and salad in the main Southside Dining Room, when he cut the inside of his lip on a piece of glass approximately one centimetre long. The glass came from his meal, so he went back to the serving point with two friends. When he complained, he was told that a bowl containing the salad was chipped, and it was thought that the glass came from there. Mr Dost was taken to the Health Centre at 6:00pm for medical attention.

Mr Dost told FELIX that he thought it strange that the Southside staff should know of such a hazardous bowl, as they could identify it immediately, but still serve from it. He added that the way the matter had been dealt with in Southside made it appear that such events were an everyday occurrence.

On returning to Southside later, the offending bowl was still being used to serve salads from, and it was not removed, until a further complaint was made.

When FELIX telephoned Mr Mooney, he said that he knew nothing about the affair, as it had not been reported to him. When he was asked about the chipped salad bowl, he replied that it was only hearsay, and he would not comment on it.

ETHER PAD ATTACK!

A young woman was attacked last Saturday night as she walked home to her flat in Princes Gate Mews behind Southside. Her assailant, a man in his early forties, seized her from behind and held a pad soaked in ether against her face. Luckily she was able to fight off the man, who fled into the darkness.

The girl, who is the niece of an Imperial College lecturer, was walking home through the churchyard of Holy Trinity, Brompton, at 10:00pm last Saturday when she noticed that a man was following her. He followed her into the mews, and so she walked round the end of the row of cottages so that her walk home would not take her through the narrow passage which connects the two parts of the mews. She had almost reached the safety of her flat when the man attacked, presumably intending to rape her. Holding the girl from behind, he put his arms beneath hers and forced an ether pad against her mouth and nose.

Fortunately the girl was able to sink her teeth into the thumb of the hand which held the pad to her face. She also gave several piercing screams which attracted the attention of local residents including students in Southside.

The area was soon swarming with police, but the man fled and avoided being caught.

Female students are reminded of the dangers of walking alone in the area behind Southside at night. If anyone cannot avoid doing so, they should get in touch with Rae Snee in the Union Office who will be happy to advise them on hiring or buying rape alarms.

End of World Smash Hit



ON TUESDAY, JANUARY 20, the world did not come to an end. The JCR was not even wrecked, which is usually inevitable after JCR parties. The party was a fancy dress affair, the idea being that the participants should come as they would never have dared were it not for the promised holocaust. One would think most people would never have dared to go in jeans and T-shirts bearing such varied motifs as 'RCS Union', 'Imperial College', and 'Hi, I'm boring, what's your excuse?', but they did, so one supposes that's OK.

Some people did honour the spirit of the occasion as witnessed by the above photograph. Left to right is the FELIX cow gum monitor, Steve Goulder, as Ali-Baba (it was supposed to be Ayotollah Khomeini), Editor of The Phoenix, Sean Giblin, in a cute pair of glasses, Editor of FELIX, Dwight Mann, complete with nuts, and last but definitely not least, J Christ as Ken Mann (Dwight's brother), the person who writes all those silly SF Sock articles in FELIX.

UGM QUANDARY

The date of the next UGM was hurriedly altered last week, when it was realised that bylaw changes given their first reading on December 2 could not be put to the UGM on February 19. The meeting was brought forward, and the deadline for motions therefore passed yesterday.

See page 5

Letters to the Editor



Dear Sir

May I just say that I am now in my fifth year at IC and during that time I ate cooked Mooneys for only the first six months (Linstead meals excepted, but there I had little choice). After that time, I decided enough was enough, and turned to items which needed no, or minimum, preparation: yoghurt, milk, sandwiches, crisps, and Mars bars. I then cooked my own, more balanced meal in the evening.

In 1979, I started my PhD as a PRI student at the British Museum (Natural History), attached to IC, and have never eaten in College since. The BM(NH) canteen is far superior in all ways.

Also since 1976, I have had the pleasure (I use the word advisedly) to eat in the refectories of several other colleges and universities as varied as Manchester, Bath, Sussex, QMC, Herriott-Watt, Kings College, Cambridge and UEA. ALL are of higher quality than IC, and that must say something.

Then why the hell is it that if they can do it, Imperial College of Science and Technology cannot?

Yours sincerely
Ian J Kitching
Zoology PG

Dear Sir

May we draw the attention of your readers to the formation of a new society? The Political-Extremist, Revolutionary and Visionary Society. This name was chosen not because the society has as its aim any of the above, but because its initials spell PERVSOC. (Well, it's better than SCAB isn't it? or its Very Drunk version, VCSCAB.)

The purpose of the society is to enable its president and vice-president to get back into hall next year. To do this we need at least twenty members.

To become a member you must firstly subscribe to the College medical insurance scheme and secondly you must go to the top of Queens Tower on a cloudless moonlit night at midnight and shout SNOT as loudly as you can at least ten times. This is known as the PERVSOC CHANT, and is an acronym of "Seldom Need Organ Transplants". This is believed to be an ancient Chadian Marxist-Geurilla's anti-sexist fertility chant. Members should have no known relatives, or at least only know their known relatives not more than relatively well, if at all (this doesn't count). Meetings take place twice weekly in the Chemistry Sub-basement, where it is hot and sweaty (but don't tell anyone, because we're not really allowed down there you know!)

PERVSOC is not a registered charity (although we do hold collections for non-oppressed people who want to have their human rights violated by a military junta).

See you at the next meeting! Howard Rudd (Chem 1) and Anon (also of Chem 1), whose initials are SH, but the rest of his name wishes to remain anonymous.

Sir

I am writing to you with some information which may well be of interest to certain readers of your newspaper.

Since I came to Southside at the end of last September, I have been intrigued by the internal telephone system, and especially the staircase phones. It did not take me long to discover that by removing the wall panel just above the fridge I could connect an extension to my own room. In the middle of last term, therefore, I returned home to bring up my own handset and extension lead. Then, after a hasty bit of rewiring one night, I was able to link my room to the rest of Southside.

Covering up my actions so far has been easy. The main risk of discovery came from the cleaners, so I hid the phone in the wardrobe, and silenced the bell so as not to give the game away. The system worked very well, but was a bit limited, not being able to dial outside Southside.

Imagine my delight when I read that the whole internal system was to be put at my disposal. I can see that this will be very useful in the weeks to come.

I know what I am doing in this matter, as I am sponsored by the

GPO and I will be happy to explain to anyone who is interested how to go about it.

For obvious reasons, I regret that I must remain anonymous, but I will try to correspond with people through these pages (unless Mr Marshall censors it) or on technical problems via Box 32, FELIX Office.

Yours faithfully
The Weasel (with apologies to the Ferret)
(Box nos are available through the FELIX Office at a charge of £1 per term. Strict secrecy assured.)

Small Ads

●Dept of Elec Eng has a quantity of audio tapes for sale. They are 1/4" wide x 1200ft on 7" reels. These are good quality tapes, and are a bargain at 50p each. Apply to Dept Supt Room 612, ext 2352.

●Sensory Chess Challenger for sale, brand new, latest model, fantastic price £96. Stefano Casalotti, Life Science or 892 8676.

●AKAI CS-33D tape deck, excellent 'chrome' sound, fantastic value at £62. Stefano Casalotti, Life Science or 892 8676.

●Texas TI57 programmable calculator, incl handbook, mains adaptor, etc. £20 for quick sale. Contact John Trives, Mech Tech 3.

●Mini Clubman Estate, L reg, 52,000 miles, taxed until end March, MOT until end April, some paintwork requires attention, otherwise good condition. £350. Telephone 542 1561.

●Grundig TK121 reel-to-reel tape-recorder, in need of slight repair, £750ono. Contact A Winkler (PG) via Chem Eng letter-racks.

●Anyone using 110 cameras? Photographic Shop now has a stock of Kodachrome II and Kodachrome 400 (20 exp) films. At throw-away prices. (Don't come and we'll throw them away!) PS we sold the Extachrome!

●1976 Honda 90, good condition, MOT 1 yr, top box and carrier. £130ono.

●Wanted: Room for couple in flat or house in W4 or W6. Phone L Robinson int 2187.

●Wanted: As many people as possible to help build an Adventure Playground for children this Saturday (Jan 24). See ICCAG article in this FELIX for details.

●Person wanted to share flat, own room, SW1, £80pcm. Ring internal 2387 (Juliet).

●Female Flat-mate required for comfortable self-contained flat. Call Wendy on 624 9062 after 6:00pm.

●Geological holidays in Shropshire this Easter — ideal for field studies and enlarging your fossil (mineral) collection. See S Taylor, Chem 1 for details.

●After an all-night session with three blokes I prefer to relax by leaping off a bathroom stool into a panful of boiling spaghetti.

●Any bands with a demo tape like a possible date end of next term see SVP, International Hall.

●Pottery Club Lives! Every Monday, Bot/Zoo Common Room, 6:30pm onwards.

●AMERICA: Want to work and travel in the US and Canada next summer? For details of job schemes and work visas contact BUNAC, Green Comm Room, 3rd floor, Union Buildings, on Friday lunchtimes.

●"Can you get Pissed on a Pint!?" If not we can help you. Apply Adrian, Mech Eng 1.

●Wanted: A member of the RCS academic staff who would be prepared to be the Honorary Senior Treasurer for the RCS Hockey Club. Anybody who is interested should drop a note to my pigeon-hole please. RMorgan, Maths 2.

What is LAW to you?

'The Royal Law' a lecture on Christian Science for students and young people illustrates the Law of God active in your experience today.

Come and hear John Timpson, CSB, a member of the Christian Science Board of Lectureship at ICU, Beit hall, 6:30pm Thursday, February 5
Questions answered afterwards. Admission free. No collection.

Want a Summer Job?

The Directory of Summer Jobs in Britain (1981 edition) and The Directory of Summer Jobs Abroad (1981 edition) are now available in the Haldane Library (reference only).

These two annual 160 page handbooks list all kinds of vacation work, paid and voluntary, with details of conditions, pay and hours, special requirements and advice on applications. Each directory claims to list 30,000 vacancies and offers what the Times Educational Supplement describes as an "enormous range of opportunities".

Nursery Class

Royal College of Art, 2 Jay Mews
Miss Prevost 584 5020 ext 233

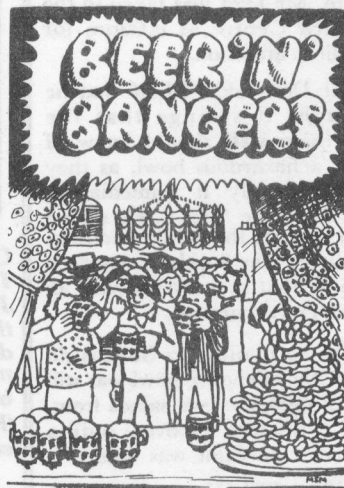
There are still vacancies for children aged 2 1/2 to 5 years. Activities include stories leading to reading, writing, numbers, educational toys, painting, music and movement, craft, nature studies, excursions, ballet, etc.

Apply now at the above telephone number or at 352 7494 places are limited.

Weeks Hall Film Night

Sunday 25 January
Last Tango In Paris
cert X

Bar 8:00pm Film 9:00pm
Last Orders 10:20pm
WOMEN FREE
(Beware WISC pickets.)



LADY FLOWERS and the IC Wives Club are throwing a FREE Beer and Bangers nosh-up on Thursday, January 29 in the Rector's Pad (170 Queensgate). Starts 5:30pm.

Anyone who would like to go should give their names to Jen in the IC Union Office by 1:00pm on Tuesday, January 27.

Council Report

In the President's report, it was decided that as the Union had no control over supervision of College bars, and no financial connection, it should not be called upon to provide duty officers in the bars at weekends. Order in the bars, it was thought, should be the responsibility of the Bar Manager.

Mr Passmore proposed a change in the way sabbatical salaries are reckoned which would keep such salaries in line with postgraduate grants in future years, and be easier to calculate. This was accepted. On the FELIX controversy the President said he was happy with last week's issue, not just because it contained one letter expressing a derogatory opinion of Mr Marshall's editing so far. Questioned on the matter he said that he had only been prepared to take further action, not that he would take such action in any case. He did not think that he had climbed down over this matter. Dr Schroter was now happy that the original offending article did not represent the views of the whole Union, after being assured by the six Executive members that it did not. It was suggested by the meeting that the original article was self-evidently not meant to be taken seriously and that nowhere in last week's FELIX was there the apology from Mr Marshall that had been demanded from him, but these views were not widely held at the meeting.

Rae Snee said in her report that the clear profit from amusement machines run by the Union was £3,148 this session.

The subject of casual staff in the bars was raised, but as bar managers need only get Mr Mooney's go-ahead on any day, the situation was left as it is. The possibility of removing Union regalia from the bookshop was discussed.

Liz Lindsey, in her report, said that things were starting to happen about INCOST (International Conference of Students of Technology). UNESCO from Paris intended to give \$1,000 in sponsorship. She continued by saying that plans were being considered to re-arrange the two lower levels of Southside into a "post-experience" centre, but retaining the shop, which takes over £300 each day.

There was heated discussion over two matters in the major sub-committee chairman's report. The first concerned a request from the Holland Club to use Squash Courts in College for a limited period each week. In theory this was thought acceptable, but in practice, the facilities were well used at present, and any specific time allocation would be difficult to make.

In the discussion on the PWP report, it was argued that Mr Mooney should not be "let off the hook" for the "dish sloop" he continued to offer. Mr Passmore explained that he was elected on a platform of co-operation with College authorities, and that each service, e.g. refectories, nursery and accommodation had to pay for themselves.

The main point of the Publication Board Report concerned the actions this term of the FELIX Editor. Whilst it was generally acknowledged that there had been no apology as such, it was thought that there had been a sufficiently fair explanation of the situation which represented an apology to Mr Mooney. It was noted that there was an apology as such to Miss Rae Snee.

The other reports from RCC, SCC, SCAB, OSC and Rag were accepted.

When the meeting reached other business, Nick Morton, ACC Chairman, proposed that Council should say that it believed RCC should have a uniform low subscription rate for its members. He thought that the Union should provide a service for its members and should ask College to pay for major expenses. After much discussion the motion was accepted.

Welsh injured in Wales!

VICKY WELSH of Physics 2 suffered multiple bruises after slipping thirty feet down the mountain Trefan in Snowdonia on Saturday January 17 whilst on a Scout and Guide Club Weekend with twenty-three others.

The group had split into two factions: fifteen went to Snowdon and eight to Trefan (one staying in Bethesda). However, weather conditions were worse than expected so that the Snowdon party, which contained several novices to climbing, although using ice-axes and roping themselves together in two places, had to turn back only about 100

yards from the top of Grib Goch for fear that if they then walked along the ridge to Snowdon the strong winds, deep snow and driving hail might be too dangerous.

The Trefan party were more experienced and succeeded in getting to the top of Trefan in one piece not withstanding Vicky's slip at a point when they were not roped together and there was no one behind her. When asked whether her life had flashed in front of her eyes, Vicky said: "No, I was just thinking I've got to hold on to something!" The party then walked along the top and came down by

Shack Shock Shock!!

LAST WEEK, FELIX incorrectly reported the demise of the HAMSOC Shack on the top of the Union Building. This should have read 'on the top of the Electrical Engineering Department'. The temporary HAMSOC Room in the Union Building is quite intact.

The Union has asked the Estates Department to replace the shack after they removed it to repair the roof. However, the Estates Department have told the Union that it would cost £1,500. Negotiations are currently underway with Hector Cameron-Clark, the Senior Estates Surveyor, to reduce this bill.

Hamsoc rule the waves

LAST MARCH, IC Hamsoc came first in the English section of the ARRL Contest. The American Radio Relay League (ARRL) is the coordinating body for amateur radio in the USA. The scoring of the contest is based on the number of contacts made worldwide.

Although Hamsoc has entered the contest in the past this is the first time they have won. Other British entries are usually made by companies in the field of electronics who have more sophisticated equipment than Hamsoc.

It is unlikely that the Society will be able to enter the contest this year since the present shack in the Union Building is not suited for worldwide operation. This is unfortunate since G5YC (IC's transmitting station), had the reputation of being one of the best transmitting signals out of Europe.

FELIX Blues

THE UNION PRINT UNIT has been facing technical difficulties recently, resulting in the late production of FELIX during this term.

Problems started in the second week of term when the Multilith 1850 offset lithography printing machine broke down. No engineer was able to repair it until Thursday afternoon, and this meant that FELIX was not printed until Friday. Hence, it was distributed on Monday. Meanwhile, the typesetter developing machine broke on Friday. The model is no longer made, so spare parts would be difficult to come by, and a replacement would cost over £600. However, an engineer called on Monday, and fixed it with a piece of string.

Last Thursday, disaster struck. The phototypesetter stopped producing images on paper to be developed. Although the firm was rung immediately, it was mid-afternoon before anyone arrived. Whilst the Editor, Steve Marshall, was considering having copy typed on an ordinary typewriter, the clutch on the printing machine broke. In the face of the mounting difficulties Mr Marshall decided that FELIX would not be published last week.

The typesetter was repaired by replacing the lighting unit. This meant, however, the internal electronics were causing problems as the new lighting unit was not compatible with the old electronics. So a further engineer called to replace yet more of the machine. At the time of writing this article, fingers were being firmly crossed.

Southside Slasher

A NUMBER of Princes Gardens residents have been getting more than they bargained for when parking cars illegally in Princes Gardens and behind Linstead Hall. The usual action is for a large sticker (warning the driver that the registration number has been noted and a fine will be imposed if the car is parked illegally again) to be firmly glued to the back window.

It now appears as if some people are taking the law into their own hands by piercing tyres of cars that shouldn't be there. In three days last week, seven tyres from four cars have been ruined in a similar manner — namely the side of the tyre being punctured causing irreparable damage. The damage is done so as not to be immediately obvious, e.g. at the kerb or next to a wall. Further, the cars were not all parked in the same allocated space, and some were not parked in an allocated space at all.

Scout and Guide Club will be visiting Wales again this weekend.

A programme for survival

SHIRLEY WILLIAMS gave a talk, on the Brandt Report, at Imperial College on Thursday January 15th. Mrs Williams asked FELIX to stimulate interest and to increase student awareness of the contents of the Report. The following article is based on her lecture, the Report ('North-South: a programme for survival') and a personal interview.

The Report takes its title from the belief that major international initiatives are needed if mankind is going to survive. For the hundreds of millions of people who live on the edge of starvation in the developing countries, the South, this is a matter of obvious fact. The industrialised countries, the North, have not been willing in the past to go very far towards accepting the South's case that the world economy works to the South's disadvantage. The Report argues today, in almost every field of the world's present troubles, a substantial number of the solutions depend on recognising the mutual interests between North and South.

Mrs Williams began by commenting on the present staggering growth of world population. Over one million people are added to the population of the world every five days. By the year 2000 world population is likely to have increased from its present level of 4.3 billion to approximately 6.3 billion. 90% of the increase will take place in the Third World. The rapid rise in population compounds the task of providing food, jobs, shelter, education and health services, of mitigating absolute poverty, and of meeting the colossal financial and administrative needs of rapid urbanisation.

Estimates of how many people in the Third World live in conditions of absolute poverty have been put at approximately 800 million. The combination of malnutrition, illiteracy, disease, high birth rates, underemployment closes off the avenues of escape; and while other groups are increasingly vocal, the poor and illiterate are usually and conveniently silent. The Brandt



Shirley Williams

Colin Palmer

Report states that priority must be given to the needs of the poorest countries and regions. The removal of poverty requires both substantial resource transfers from the developed countries and an increased determination of the developing countries to improve economic management and deal with social and economic inequalities.

The Commission believed that the world cannot wait for the longer term measures before embarking on an immediate action programme for the next five years to avert the most serious dangers. An Emergency Programme was proposed having the following principal elements:

1. A large-scale transfer of resources to developing countries.
2. An international energy strategy with the aims of ensuring regular supplies of oil, rigorous conservation, more predictable and gradual price increases in real terms and the development of alternative and renewable energy sources.
3. A global food programme.
4. A start on some major reforms in the international monetary and financial system, in which all parties can participate more fully and an acceleration of efforts to improve developing countries' conditions of trade in commodities and manufactures.

Mrs Williams said that she was pleased to choose Imperial to say that a fresh approach to higher education is required. "We must recognise that

the tradition of exporting high technology to the South can do immense harm to the culture of underdeveloped countries. Imperial College is a singularly appropriate place to investigate new concepts in engineering," she said.

The Venice Summit in June 1980, which was a meeting of the political leaders of the Western World and Japan, did not consider the Brandt Report seriously because priority was given to attacking inflation. However, there has been an encouraging individual response in the United Kingdom as over 50,000 copies of the Report have been sold. "I hope that you have a group at Imperial who are interested in organising local campaigns to argue the case put by the Report. So often campaigns die - this one better not die," said Mrs Williams. The Rector, The Lord Flowers, commented that the Report is on sale at the IC bookshop price £1.95.

Peace

Finally, using the words of Willy Brandt, "If reduced to a simple denominator, this Report deals with peace. War is often thought of in terms of military conflict, or even annihilation. But there is a growing awareness that an equal danger might be chaos - as a result of mass hunger, economic disaster, environmental catastrophes, and terrorism. So we should not think only, of reducing the traditional threats to peace, but also of the need for change from chaos to order."

Colin Palmer

Letters to the Editor



Dear Sir

I feel obliged to write in defence of you, the Editor. I and numerous others find your "editorial style" enlightening and greatly amusing. A bit of

fun at Mr Mooney's expense is far more entertaining than reports of boring drivel that flows from the innumerable committees that all seem to consist of the same people.

Your remarks about Mr Mooney are a lot closer to "representing the views of the student body" than the garbage usually churned out by the aforementioned committee, maybe they do not eat Mr Mooney's products or alternatively consume from his royal bin.

I note that the bulk of the criticism comes from those directly responsible for the appalling shit we are expected to shovel into our gullets. Namely, the Rector, the Chairman of the Refectory Committee, and the DP ICU. Possibly they take the article as a group condemnation of their catering arrangements, if not, they should.

Miss R Snee also seems to be your main literary bugbear, first as Rag Chairman (ref 1979/80 Rag Mag which, incidentally, I thought was a masterpiece) and

now as DP she appears to attain with FELIX a position akin to that of Sir James Goldsmith with *Private Eye*. Perhaps *Exec News* should be renamed 'Talbot'.

As with regard to other individuals, you have certainly 'crusaded' against the pompous egotistical arseholes who see any Union position, however minor, as a pedestal to flaunt their own power and glory. Anyone who has tried to gain access to a JCR Party will know exactly what I mean.

Yours in total support
A Patterson
Mech Eng 3

Dear Sir

Last week a letter addressed to secretary of the Conservative Society, William Cortazzi, Chem Eng 2, was put in his departmental letter-rack. The letter, from the Houses of Parliament was stolen within a couple of hours.

The Secretary has had to write to all Parliamentarians with whom the Society has been corresponding to explain what has happened so that we can find

the sender and discover the contents.

However the reputation of the College (and the society) will inevitably be tarnished where it matters most, in the Houses of Parliament.

As a Conservative Society we are committed to make people more aware of the philosophy and policies of the Conservative Party. As an IC Social Club we are committed to enhancing the quality of life of the IC student. The main way to combine these two commitments is to exploit our position in South Ken and invite good outside speakers to address meetings at College which are free and open to non-members.

Anything which jeopardises our ability to attract speakers of the highest calibre, ought therefore to be of concern to all thoughtful students.

If the thief ever joins that set of people even for a moment, then he must realise that the letter ought to be returned.

Yours faithfully
Mark Clegg

Small Ads

- Found:** one LCD watch outside Safeways. Apply Tim (top of the league) Mitchell, Mech Eng.
- Accommodation:** One person required to share well-furnished house with four IC students. Kensal Rise, NW10 area (20min bus ride to College). Rent £21 per week. J Nokes, Life Sci letter-rack or phone 451 1056 (evenings).
- Flat to let:** self-contained single bedroom flat close to Clapham North tube station. £165 per calendar month. J M Meskin, Mining 3, Int 4077.
- If you're gay** (or think you might be) be daring and come along to ULU Gaysoc, in room 2D, ULU Building, Malet St, every Thursday at 8:00pm.
- Photosoc Colour Slide Competition:** Tuesday, February 10. Colour prints: max 3 entries, entry fee 30p. Size of prints approx 6" x 8". Bring your entries mounted if possible. Slides: max 5 entries, entry fee 50p, bring your slides at the time of competition. In room 303 Min Tech at 7:00pm.
- To all students:** The Biophysics Group is carrying out research on colour vision. We particularly need people with reduced colour discrimination. If you are colour blind and would like to help with our work, would you please contact Isobel Hendricks, Room 714 (Physics), Int 2925. Thank you!
- If anybody is interested** in forming a French Society at IC would they please get in touch with Aftab Gujral, Chem PG, Int 2573.
- TM Society:** Anyone who has learnt transcendental meditation (as taught by Maha Rishi Mahesh Yogi) is invited to join regular group meditations Mondays 5:30pm, Room 411 Maths Dept or contact Bernard Canetti, Maths PG, Int 4380.
- Chem Eng Soc 37th Annual Dinner** will be on Friday, February 6. Meet 5:00 for 5:30 in the Sheffield Lower Refectory. Tickets, £5.50 students, £7.00 staff, available from the Hon Sec of Chem Eng Soc.
- Viscount Amplifier,** 20w RMS per channel and two small speakers 15w max, possibility of JVC tape deck as well. Make me an offer. Box 004, C&G Union Office.
- Hendrix In The West; Midnight Lighting;** Best of Jimi Hendrix Vol 1; Best of Jimi Hendrix Vol II. £1.75 each. Chris Ward, Met 3, RSM or flat 218 Hamlet Gdns.
- VW Beetle 1300,** 1969, left-hand drive, tax, 9 months MOT. Good condition, reliable, £300. P Sunderland, Mech Eng 2 letter-racks or 31 Garden Hall.
- Sports Car,** 1973 Triumph GT3 Mk 3, french blue/black, recent work, £1,100 or offer. P Kyle (Mech Eng 2).
- Rolleiflex f3.5 tessartir camera,** metered, excellent condition, beautiful results, recent £40 rollei service, 4 filters, lens hood, £100 the lot. Contact Phil Hollinshead, Met 2 or telephone 385 7238 eves.
- Stage and lights crew** to help run the Home Counties Amateur Dramatic Festival. See Nick Moran, Wednesday or Sunday afternoon.
- Without Trace,** formerly Various Artists, formerly And Support, etc., requires vocalist with good name for the band. Urgent! Spike, Dramsoc, Internal 2854.
- Sharp GF9191 stereo portable radio cassette recorder,** v good condition. £130. Apply FELIX Box 9191.

Car Door Caved In

My car door was caved in on Thursday outside the swimming pool. Surely someone saw it done! The car's a black Ford prefect XHU 297. If anyone saw it please contact Sean Bell, Aero 1. Please!

Call My Bluff

Tues, Feb 3, 1:25pm, Huxley 340
Union Exec v Jewish Society

Continued from front page

UGM QUANDARY

Under Bylaw 19, referring to Bylaw changes, it states "no alteration in the Bylaw of the Union shall be made without the approval of a two thirds majority at two General Meetings held not less than 28 College days but not more than 40 College days apart." There were 12 days separating the last two UGMS, and there would have been forty-two College days between successive readings of the proposed amendments. If the meeting had went ahead on the original date, it would have meant that the changes would have had to be reintroduced on February 19, and would then not take effect until the beginning of the next session. It also seemed unlikely that there would be quorate UGMS next term, so the bylaw changes would drag on into the next session or fail to be accepted unless the meeting was brought forward.

The three proposed changes involved enabling more College members to become Union members, removing the Permanent Working Party from the Union Council, and deleting the ICWA constitution from the Bylaws.

The controversy over ICWA has been going on for some time. At present, the problem is that for ICWA to alter its own constitution it needs a turnout of 100 members (from the women at IC) to have a quorate meeting; but ICWA has not had such a meeting for a long period. Hence, it is unable to alter itself whilst its constitution is contained in the bylaws. It was therefore suggested that the Union should remove ICWA from the bylaws and leave the way open for a new women's group, which might cater more fully for the female

IC Radio Jammed!

Dave Fuller, IC Radio's Station Manager, was rushed to Brompton Hospital last week with suspected food poisoning.

But hospital staff agreed that the rash and other symptoms indicated an allergy, quite possibly to the artificial colouring in strawberry jam. This substance is added to other foods, including orange squash, and Dave now has an extensive list of foods he should avoid.

He will return to the hospital in two weeks for more tests.

community, to be set up and brought back into the bylaws in the future.

When it was realised that the first readings would be meaningless if the next meeting was held on the proposed date, the meeting was brought forward by two weeks, to February 5, and the deadline for motions was therefore set at January 29, but due to a lack of publicity by the Union, and FELIX not being published last week, few people know of this change.

The Union will have to efficiently publicise the meeting, to get the necessary number in the Great Hall next Thursday at 1:00pm so as to have the bylaw changes accepted. Furthermore, Bylaw 19 continues by stating "All alterations to the Bylaws must have the approval of the Governing Body before becoming effective". As this Body does not meet again until the end of this term these alterations cannot take effect until next term. This re-arrangement of days has already caused some difficulty. One of the motions likely to be submitted concerns Britain's nuclear policy. Owen Greene (a leading member of the College's CND Group) is likely to speak in a debate on such a motion, was perturbed when he realised that the new date clashed with a proposed lecture on nuclear disarmament, and he thought it would be very difficult for those interested to attend the lecture, AND vote against multilateral nuclear disarmament at the UGM.

Hair Raiser

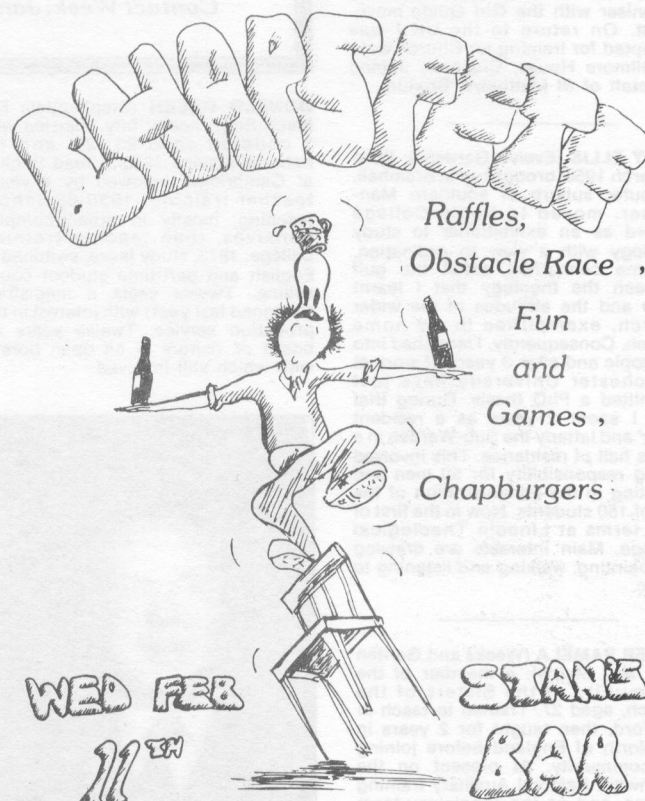
DAVE GAYER, Guilds President, is dying his hair in loud colours, as a preliminary to having it all shaved off, in the near future.

At the end of last week Dave was seen with his usual brown hair bleached to a bright yellow, and this week his hair has been shocking pink. Speaking to FELIX about the situation, he said he had meant his hair to be in Guilds colours, but it had come out pink instead. He said that although many boys regarded pink as repulsive, it found favour with the girls. He added that he wanted to object about the way he was treated in the 'Goat in Boots' public house in Fulham Road, where he was refused service, and then thrown out, because he was thought to be a punk. He stated that he had no regrets about his actions so far, but declined to comment on what other Exec members should have cut off for Rag.

The amount collected so far is £150 towards a target of £250.

Cheap Beer

Monday 2 February
from 7:30pm
in Stan's Bar
the new Taylor Walker Real Ale
at 30p per pint.



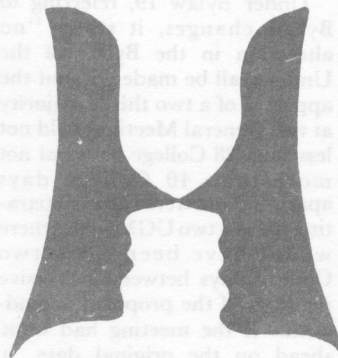
CONTACT WEEK '81

CONTACT WEEK is an annual event organised by the West London Chaplaincy. The Chaplaincy operates in three colleges in West London: Imperial College, the Royal College of Music and Queen Elizabeth College. We exist as a network of small groups which meet regularly in the halls of residence and student houses, and at lunchtimes in College departments.

During Contact Week each group of students acts as host to one of the members of the team. As you can see the team, are a varied and interesting bunch of people who are bringing their insight and their experience of the outside world to the various informal discussions and meetings which will be happening around them.

The team are not coming just for the benefit of regular members of the Chaplaincy but to stimulate thought and discussion about personal, ethical and religious questions in the halls and departments where they are based, and to respond to the issues you might want to raise.

The Contact Week team are not coming to recruit or convert people — that's not the Chaplaincy's style — but they will be happy if their presence this week helps to activate and catalyse some fresh understanding and new growth in the people they meet. So look out for the notices in your hall or department and come along and join in. You will find us open to your point of view as willing to give you ours.



SISTER LORNA BROCKETT (Chem, Linstead): member of the lay training department of the Anglican diocese of Southwark, and a member of RC. religious community of the Society of the Sacred Heart. Read modern languages at St Andrews. theology at Oxford and did a PhD in French part-time at Birkbeck. Was head of RE at a school in Surrey and lecturer in religious studies at colleges in Newcastle and London. Involved in Ecumenical activity at a local and national level. Committed to a fuller involvement of the laity in the life of the church. Interested in counselling. Worked for BBC Radio London's *Quest* programme.



BETTY COMBIE (New Kings Rd and Chem Eng): went to boarding school. Invited to India for six months, stayed two and a half years. Saw Bombay, Calcutta and the Punjab, Kashmir and the mofussil, all in the days of the raj. Spent six and a half years in Jamaica. . . . two with husband, then as a widow, when I was invited to return to work as organiser with the Girl Guide movement. On return to the UK I was accepted for training for Church work at Gilmore House, Clapham. Joined the staff of St Matthews, Brixton.

ANNE HORTON (Formosa St, QEC): born 1944 in Maidstone, Kent. Educated Maidstone Grammar School for Girls, University of Leicester (BSc Maths) Cert Ed. Taught secondary maths in Leicester and Norfolk, some years of which I was a member of an Anglican Religious Order. Since 1979 a student at Lincoln Theological College preparing for ministry as a deaconess in the C of E. Enjoy playing games, acting, disturbed adolescents.

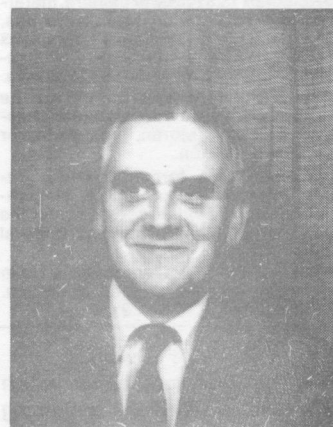
ELIZABETH MORRIS (Castellain Road): Scottish and NW England family background. Education: Finchley and Hampstead; and Scottish boarding school. Graduated 1950 — Hons Economics — UCL. Married, daughter and son, both married, and graduates in mathematics. Husband: wartime RAF pilot; chartered accountant and management consultant, works for a firm in the City. Present work: as a Pastoral Auxiliary in the diocese of Southwark.

Wednesday, February 4
 12:30 Chem Eng Concourse
LUNCH
 followed by a **DEBATE**
This House believes that arms sales organisations should be disbanded forthwith
 Proposer: Bruce Kent, Director CND
 Against: Barney Heyhoe, Under Sec State for Army

Contact Week: January 31 - February 8 1981

DAVID TRUBY (Falmouth, floating, RCM): born and raised in Liverpool, now aged 23. Spent 3 years at Liverpool Polytechnic doing a social studies degree. Worked in Liverpool docks for Mersey Mission to Seamen, later sold T-shirts at agricultural shows and trade fairs. Now in second year at Lincoln. Interested in looking at new forms of ministry.

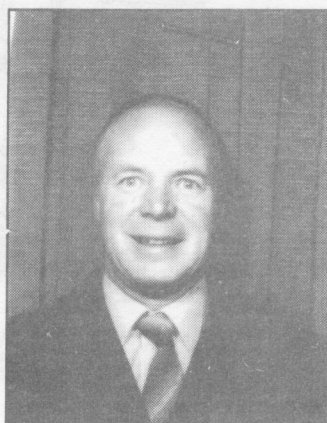
JOHN MORRIS (Keogh Tizard, Elec Eng): born 1956, Worcester Royal Grammar School, University College Swansea, now at Lincoln. Brought up as a Methodist. Converted to Anglicanism. On leaving College worked as a car mechanic and night shelter worker with alcoholics. Interested in mending cars, politics, Christian apologetics.



ROBERT FIELDEN (Queen Mary Hall, QEC): born 1932, married, two sons. . . . Peter a graduate of IC. Left school at 16, worked in a bank for 8 years, trained for youth work with YMCA in Nottingham, Huddersfield and Durham University, charge of Hereford YMCA. 1965, Lincoln Theological College, ordained 1967. Now rector of a group of seaside villages on the Lincolnshire coast.

TONY ELLIS (Evelyn Gardens): Born in March 1956, brought up at Bramhall, an outer suburb of southern Manchester, moved to Keble College Oxford as an exhibitioner to study theology with a view to ordination. Became concerned about the gulf between the theology that I learnt there and the attitudes of the wider church, exemplified in my home church. Consequently, I launched into this topic and after 3 years of work at Manchester University have just submitted a PhD thesis. During that time I spent 2 years as a resident 'tutor' and latterly the Sub-Warden in a men's hall of residence. This involved taking responsibility for 50 men and assisting in the administration of the hall of 150 students. Now in the first of four terms at Lincoln Theological College. Main interests are drawing and painting, walking and listening to music.

DONALD GREEN (Stephendale Rd, Mech Eng): nearly fifty, married with 3 children aged 23, 21, and 17, national service 1950/1, read English at Cambridge, followed by a year's teacher training, 1955-66 school teaching, mostly in urban comprehensives, then teacher training college. 1973, study leave, switched to English and part-time student counselling. Twelve years a magistrate (resigned last year) with interest in the probation service. Twelve years on board of visitors of an open borstal with which still involved.



SISTER ELIZABETH-CLARE (RCM and QA): at university read history, did various kinds of social work in Canada and the UK. In 1964 joined the Community of the Holy Name, Malvern, following from that has taught with the Community in Africa, though now back in Malvern as Guest Sister.

NORMAN JEFFREYS (Holland Rd): A parish priest from Great Barford, Herts. Married with baby daughter. Especially interested in 'wholeness' — the place of healing in the Christian faith.

MARY WRIGHT (Bloemfontein, PGs): Anglo-Dutch parents, born in Brussels, educated there until 14, then English Methodist boarding school. Presbyterian in Brussels, became Anglican at Oxford. Graduate in modern languages, and subsequently theology. Short spell in industry. Taught 2 years. Assistant editor of religious weekly for 4 years then trained for church work. 13 years in St Marylebone Parish church and made a Deaconess there in 1961. Two and a half years on staff of Lincoln Theological College. Three years in parish Weybridge. For 4 years on staff of Roehampton Ecumenical Parish (Anglican-Methodist) with special responsibility for students as well as some hospital wards and a new housing estate.

SISTER PAMELA (Weeks and Garden Halls and Maths): a member of the Community of the Sisters of the Church, aged 27. Trained to teach in Bradford, then taught for 2 years in the North of England before joining the community. At present on the Southwark Pastoral Auxiliary training scheme, and on the chaplaincy team at a remand centre for boys at Ham.

Reviews

Plays

Touched

THE PLAY is set in and around Sheiton, Nottingham, during the hundred days between VE (Victory in Europe) Day and VJ (Victory in Japan) Day. This is a very interesting period in British social history; the election of a Labour Government, hopes for a brave new world, the setting up of the UN, before cynicism, the Berlin crisis, the iron curtain and disillusionment set in. We are led to suppose that we are seeing the period through the eyes of a 'typical' Midlands working class family, in particular those of the central character, Sandra. We see their hopes, fears and anxieties: the men coming back, then not coming back, socialism.

However, as in so many of Stephen Lowe's plays, he fails to make a coherent point. If he wrote it as a mood piece, a social documentary, then he succeeded; as a play it does not. The threads are not woven but tangled, the plot vague and patchy. I think Mr Lowe has excellent material for a TV soap opera, but theatre must be more positive and direct.

If you like industrial working class humour tinged with tragedy then this is the play for you, however threadbare the storyline, the mood is there, there is some fine acting by Marjorie Yates as Sandra, Sharon Duce as her worldly sister and Mike Packer as the pathetically intense Johnny. It plays at the Royal Court Theatre until late March.

Here's a funny thing

John Bardon, recently seen in a supporting role in *All The Trimmings*, with Roger McGough, returns to the Lyric Studio to star as Max Miller, the "Cheekie Chappie" in a play written by R W Shakespeare (no relation).

Apparently Max Miller was a famed Music Hall artiste before and after the war. The performance largely consists of jokes and sketches, including various catchphrases, some of which sounded vaguely familiar.

Having never seen the real thing in action (Mr Miller died in 1963) I could not vouch for the accuracy of Mr Bardon's performance. I can only say that he delivered the performance with Bounce and Verve, which may have been reminiscent of the man himself.

It was an enjoyable carefree evening with plenty of laughs and groans heartily recommended for the nostalgic amongst you. It plays at the Lyric Studio until the end of the month.

Lee Paddon

Mech Eng Soc

WE ARE SORRY about the last minute cancellation of the visit to Perkins' Engines in January. This was due to circumstances beyond even our control; Massey-Ferguson is going bust!

The next visit is to the NATIONAL GAS TURBINE ESTABLISHMENT at Pyestock, Farnborough on Wednesday, February 25. This will be an all day visit. For further details, see the Mech Eng Soc noticeboard.

Our first meeting of the term will take place in ME542 on Tuesday, February 3 at 1:00pm when Maurice George from Harwell will present a talk on the Fusion Reactor.

The really exciting news is that in the very near future, you will be able to purchase — at very reasonable rates — your very own Mech Eng Soc sweatshirt. Stay tuned!

A Gardam

SF Sock

CRASH! The Captain's head hit the deck. For this very reason he never learnt the mind-expanding news that had caused mild hysteria on several of the major land masses of our oh so humbled planet. Coming soon — more popular than *Quintet* — more intellectually stimulating than *Star Trek - The Movie* — more spectacular than *Blake's Seven* — more restrained than *Rollerball* — yes, it's — what is it? Oh yes, it's *Santa Claus Conquers The Martians*, the film that does for cinema what Larry Niven did for the Oxford English Dictionary. Lex Luthor once said that he would unravel the mysteries of the universe by reading the back of a bubble-gum wrapper. This however, has nothing to do with Santa Claus Conquers the Martians. (Soundtrack available from SF Sock Tapes Ltd.) Come to Mech Eng 220 on February 3 at 6:30pm and be amazed. Santa Claus Conquers The Martians is definitely one of the top five worst films ever conceived by the mind of man.

We might — mind you I just said might — be having a short second feature called *Hardware Wars*. Little is known of this film, but those who have seen it tasted and found it good (i.e. funny).

I write this fresh from a game of 'call my bluff' replete with weird tales of eldritch sex acts on other planets. Result: a draw, proving that the committee are all equally strange. Oh well, that's life, boy.

And now, a mention for Steve Ridley. This shy unassuming student of mechanical engineering has missed every single SF Sock event this year, and it's not his fault. He deserves our deep sympathy and respect. Also he hasn't been mentioned in FELIX for ages. Keep it up Steve.

Item: an astrophysicist at Bedford College has developed the theory that the starship Enterprise is made of concrete. He is currently engaged in a long term study; watching every *Star Trek* episode to check for wheelbarrows. I will relay his findings as I receive them. That's all for now folks. See you in the next FELIX, if it exists.

Yours in stasis.

Roland



Today
Dinner and Dance
Thursday, February 5
Gen Comm
Friday, February 6
Chem Eng Soc Annual Dinner
Saturday, February 7
Inter-Hall Rag Collection

THE NEW sweatshirts have arrived at last! All colours and sizes are available in a NEW design. See Rob Kightley in the Guilds Office any lunchtime except Fridays. The prices are:

Sweatshirt £5.00
Hooded sweatshirt £6.50
T-Shirt £2.20
Wool Jumpers £11.25
Acrylic Jumpers £8.70

Sports bags are expected at the beginning of next month.

Please see Sara if you want to observe at Gen Comm.

Andy



Saturday, January 31
Martian Invasion Rag Stunt
Meet RCSU Office, 10:00am
Sunday, February 8
RCS Rugby Sevens

Firstly, tomorrow sees the (RCS) Martian Invasion of Oxford Street, so as all you Luke Skywalker, Capt Kirks and Flash Gordons etc., etc., get along to the RCSU Office in the morning and help save the earth (in less than fourteen hours).

The Rugby Sevens Competition is a little over a week away. Team entries should be given to Tim 'Bruce' Latham (Biochem 3), the RCS Rugby Captain, as soon as possible, or leave a note in the RCSU Office.

Finally, papers for President, VP, Hon Sec, HJT and AAO go up in two weeks' time. Anyone stupid enough to be interested in any of these posts should see the present holders of the office concerned to have the error of their ways pointed out.

PJ

I.C. Wind Band

'Spring Thaw' Concert

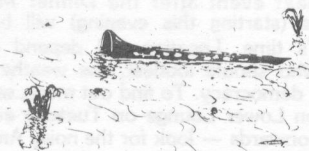


Tuesday 3rd February at 1pm

Outside the Lyon Playfair Library



whatever
the weather!



PG Tips

THE PG GROUP DINNER was held in the Carvery at the Rembrandt Hotel on December 3. There were no speeches or other formalities and everybody enjoyed a superb meal, most of us being able to manage at least a couple of helpings. The hotel pianist was not appreciated by everybody and the Union Bar prices were more manageable than the hotel bar prices, so the evening was rounded off in the Union Bar.

There will be a Ploughman's Lunch in the Union Consort Hall on February 18. About one hundred people attended the last Ploughman's Lunch and a number of people without tickets had to be turned away at the door. We will cater according to the number of tickets sold in advance. Tickets at 80p which includes a free pint of beer, may be bought from the Union Office in advance or for £1 on the door.

At the Board of Studies Meeting on October 29 the report for 1979/80 from the Graduate Studies Committee received much attention. A statistical analysis of PhD students who commenced courses in 1974 showed that of 177 students over one third had not submitted for their degree after four years of study. A questionnaire has been circulated so that postgraduate opinion may be assessed with a view to producing a well argued case for the next Board of Studies Meeting. You are asked to fill this in and return it to the Union Office. You can maintain your anonymity by tearing off the address label and returning the completed questionnaire via the internal mail. Spare copies of the questionnaire may be picked up from the Union Office.

David Wood
Chem PG

Mopsoc

LAST WEEK we had two of our best lectures so far this year. "The End of the Universe" came and went without any terrible effects; and a few of us discovered why the hottest day in summer isn't June 21, amongst other fads last Thursday.

Future events include a lecture on January 29 by Dr Colegrave at 1:00pm in Physics Lecture Theatre 3 called "Strong-coupling Theory in Superconductors".

On February 12, Magnus Pyke will be lecturing on "The Understandability of Science".

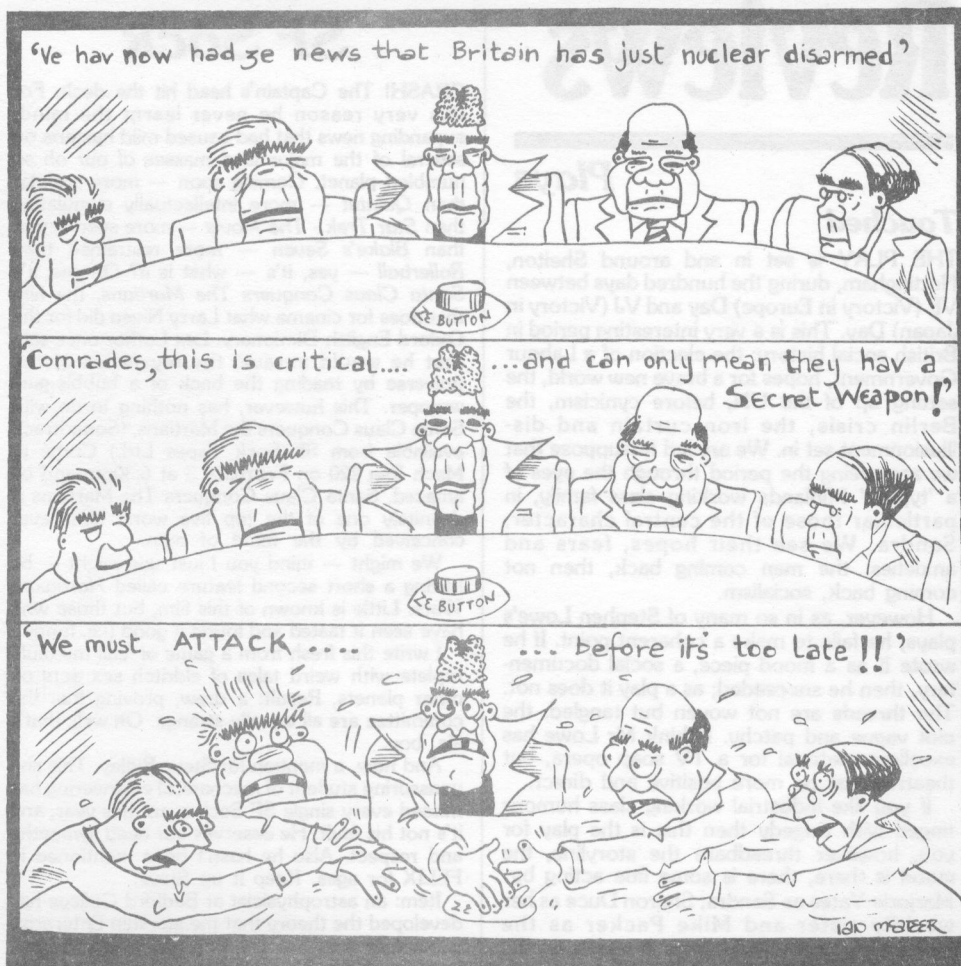
Our Annual Dinner is provisionally booked for Friday, February 27. Tickets will be available soon.

Mountaineering Club

LAST TERM, ICMC held five weekend meets. These were generally very successful, and we were favoured by good weather. Cornwall, Swanage, Snowdonia, Derby and, for the first time, Devon were all visited. These are typically the areas to which we travel, although occasional trips to the Lakes are made, and to Scotland to watch the New Year rain.

ICMC is principally a rock-climbing club, but some members are also enthusiastic hill-walkers, and our meets are a cheap means of getting away from London for the weekend. Typical cost is £5-£10. Accommodation is in huts or camping (club tents).

The next event after the Dinner Meet to Lamberis (starting this evening) will be in a fortnight's time. Location will depend on the driver, who shouts loudest, the weather, and, perhaps, democracy. To find out more, see us in the Union Lower Lounge on Tuesday evenings (9:00pm onwards — look for the noisy American shouting loudest); watch the club noticeboard (outside the same room); or contact Leo Hermacinski, Elec Eng 2 or Dave Scott, Life Sci 2.



Thanks to Grayhound, Grays Inn newspaper, and Ian McTeer for the cartoon.

Astrosoc

ASTRO-SOC is the society for all those of you interested, in one way or another, in astronomy. You can forget about astrology and science-fiction, if you join us you can find out about real deep-space adventure and experiences, first-hand, the very real excitement in observing objects even older than mankind. For a little light relaxation you can consider the beginning of the Universe and ponder afresh on how it will end (not on the 20th January!). Science fiction may look to "where no man has gone before" but astronomy can take you there!

The society exists to provide facilities for both the theorists and the practically minded — we own six-inch and eight-inch Newtonian reflectors as well as a 12-inch Cassegrain. The latter is currently inoperative (it is in lots of little bits in half an observatory in Silwood Park!), but we

hope, with the help of new members, to rebuild the telescope and to complete the observatory in the near future. Other projects being considered are the building of radio telescope and/or solar telescope. If anyone has any further ideas for projects our Equipment Officer will be most pleased to hear from them.

Turning away from the practical side of astronomy, we have a number of films and talks planned for this term. Dates for your diary are: **January 27**, Film 'Challenge and Promise', Physics LT1, 1:30pm; **February 5**, Film 'Universe', Physics LT2, 1:30pm; **February 13**, Dr Gary Hunt 'The Voyager Project', Physics LT1, 1:00pm; **February 26**, Dr John Taylor 'Black Holes', Physics LT1, 1:00pm.

Everyone is most welcome to come to these events, which are usually held on Tuesday/Thursday lunchtime in Lecture Theatre 3 in the Physics Building, but if you're in any doubt have a look at the posters you'll see scattered throughout College.

Ann Dziwior

MEND-A-BIKE

New and
Used Cycles



Fully
Guaranteed

SAME DAY REPAIR SERVICE

New bikes from £65 including VAT.

Up to 10% discount on presentation of this ad.

PARK WALK GARAGE, 15 PARK WALK, S.W.10

Telephone : 01-352 3999

3 KENDRICK MEWS, SW7 (off Reece Mews)

(Old Brompton Road)—2 min's walk from South Kensington Station

Telephone : 01-581 2044



By J. Passmore

Postgraduate Questionnaire

At present (Monday) I have received 83 replies to the questionnaire sent out. Many of which complain about the rôle of supervisors.

The issue will be discussed at Graduate Studies on February 3, so it is necessary that replies reach me before then. All registered research students have been sent a questionnaire but it is impossible to contact writing-up students or research assistants who are also doing PhDs. So if researchers could fill in questionnaires and encourage others to do so I would be much appreciative.

Refectories

Yes folks I do honestly believe that since I arrived at College, Refectory food has improved, one of the main features being the introduction of cook-freeze food. I was elected on a policy of cooperation with College authorities to try and improve things in that matter. This I have tried and will continue to try until a UGM instructs me to change. I feel that such actions as refectory boycotts should only be taken as a final course. The one which happened two years ago was taken really as a final action because the Refectory Committee would not listen to the Union's arguments on price increases.

A refectory boycott would cost the Refectories £1000 per day, which in order to express the

student feeling can be done through the Union representatives.

It is really a matter of accepting that food prices increase as do wages and these are subject to external factors. There are only certain bills which can be covered by College under UGC regulations and as College is running £750,000 deficit budget this year due to lack of money from Government, these will be kept to a minimum.

Prices went up 7 1/2% at the start of the year to cover projected wages costs and as food prices have only now made a significant increase have prices gone up again (only by 1%). In fact the *Financial Times* Food Index went down in September and there was a possibility of the prices going down.

I do not consider the quality of the food to be Hiltonesque but it has improved (e.g. try living in International Hall). Mr Mooney is willing to hear complaints of a general and specific nature particularly through Suggestions and Complaints Committee but as he says if you have a specific complaint it is best to bring the dish back at once.

I myself would like to see a complete reorganisation of the service as there is too much duplication at present i.e. too many outlets providing the same type of food. However, things will not change overnight and since the last refectory boycott there has been a steady improvement.

Perhaps like the Holland Club we should try to take over the Union completely i.e. the bar and Lower Refectory. A feasibility study was done by several outside catering firms several years ago on this very idea and they all said they would not touch it with a barge-pole. Remember it is open 30 odd weeks of the year for only 4-5 hours per day. Suggestions please? (PS I know yours, Steve.)

NUS

I have received a letter from Birmingham University Union about NUS asking for information, ideas, etc from myself to which I have replied.

Their president suggests the formation of a National Union of University Students for 'the sole purpose of National negotiations on major student issues like grants, Hall fees, etc' thus reducing the present bureaucracy, size and unrepresentative nature on NUS. I am interested to hear your opinions.

ICCAG

BLOOD DONORS. In case you missed their last visit, or chickened out, the Blood Transfusion Service is returning to college on Tuesday, 10th and Wednesday, 11th February. Your blood is badly needed to save lives in all sorts of situations from car crashes to childbirth, so please go to the Union Dining Hall, 1st floor of the Union building, between 9.30 and 12, or 2 and 4 on those days. If you want to know more, see the display in the JCR. Giving blood doesn't hurt, but it does save lives.

HOME INSULATION. The cold is a terrible threat to old people. If you would like to help by insulating their homes one afternoon soon (probably Wed 11th Feb) contact Sean Coyle Elec Eng 2.

Matters Raised

Personal Alarms

House Committee has now purchased some small personal 'shrill' alarms, for the use of any woman using the ladies changing rooms alone. They will be available from Beit Security in exchange for your Unioncard, or if anyone would like to buy one, they cost £4.50 from my office.

However I would like to stress that they are not a joke or a toy, they are designed to repel an attacker by causing pain in the ears and head, and could do serious permanent damage if misused, so please don't play with them, they are for use in genuine cases of emergency only.

Union Building

By the time you read this all the rooms in the Building should have a complete set of matching chairs, so please don't move chairs from room to room unless absolutely necessary, in which case put them back afterwards please.

The Senior Common Room is back in use now after being painted and when the curtains and light fittings are finished it should look very smart, so can users please take care and let's keep it that way.

And finally: Elections are drawing ever nearer, so if you fancy doing this job come and see me and I'll tell you all about it.

Cheers.

Rae

Travelling Abroad

If student life is settling down into a rather dull routine why not step into a new rôle for a few weeks in the summer. Become a cowhand in Uruguay, a barman in Brazil, a community worker in Aberdeen, or even a sailing instructor on the Ivory Coast. These and a vast selection of other placements can be found in *Working Holidays*, 1981 edition, published by the Central Bureau for Education visits and exchanges, 44 Baker Street, W1, price £2.30. In comparison with other books in this field it certainly seems to live up to its claim to be the most authoritative and comprehensive guide.

Now is the time to apply for many of the placements listed, so if you're interested we have a copy in the office (15 Princes Gardens) which can be flipped through for a glimpse of life in far away places. It's the sort of book which is useful to own however since it also contains a lot of information concerning the possible hazards of living and working abroad, together with details of student fares and insurance cover. Since the cost of any kind of medical treatment abroad can be quite a shock to those of us reared under the NHS it is important to make sure you are adequately insured. The DHSS leaflets in the office on reciprocal agreements for medical treatment in the EEC and certain other countries provide a useful starting point.

Sue Telling
Student Services



IC Symphony Orchestra

Requires more string players!

especially violas

Rehearsals 7-10 p.m. Wednesdays in the Great Hall

Mussorgsky: "Night on Bare Mountain"

Dvorak: "New World Symphony"

SPORT

Compiled by Phil Webb

Results and Reports for Wednesday, January 21, 1981

Rugby

IC 1st XV	v	LSE	0-10
IC 2nd XV	v	LSE	9-7

Football

IC 1st XI	v	Chelsea FC (APP)	2-4
IC 4th XI	v	KCH	7-2

Hockey

IC 1st XI	v	Royal Holloway	9-0
Guilds	v	UCL	0-0
Mines	v	Middlesex	1-1
Ladies	v	Barts	3-3

Football Fourth

IC took to the field without Captain Chown who was replaced in defence by Hatton with Buckley Captain for the day. Kings took the lead after five minutes but the Fourths soon levelled the score when a BURNS header was deflected into the net midway through the first half. Kings again took the lead with a shot just inside the post. Towards the end of the half Dolan scored from the edge of the box to level the score.

After an 'uplifting' half-time chat from Buckley the Fourths looked more determined as they paced up to the second half. After a good pass from Archer to McNicholas and then an accurate cross BURNS put IC into the lead for the first time. Almost immediately the Fourths scored again when BURNS scored from outside the box. A competent performance by fullbacks Maddy and Milner and goalkeeper Gilbert ensured Kings had little opportunity to get back into the match.

BURNS headed in his fourth of the match after a good cross from Buckley. Two more goals followed quickly when first Lay and then Hawa successfully beat the opposing goalkeeper after good attacking moves.

TEAM: Gilber, Mady, Lay, Hatton, Milner, Archer, Buckley, Dolin, Nicholas, Burns Hawa.

Snooker

THE C team didn't play last week and it looks as if they have lost their position on top of the league. The other two teams, both won 4-1 and so are now competing for the number one position.

The B team played Charing Cross Hospital who even struggled trying to find a team. They managed to find five players, some of which were bar staff and night watchment. Anyone I suppose you are all wondering how D (Last Chance) Kelly managed against Charing Cross. Well, I am pleased to announce, he won and so retains his position in the team. Some people have suggested a cover-up by his fellow team mates and that he actually lost. Well if this is true the person involved in such a folly will feel my wrath, fist, boot, etc.

The boring, dull, A team won again and are brilliant, great

Cross Country

THE penultimate league race was held at Guildford last week. This course is the longest and muddiest that we normally encounter, but the overnight rain made conditions atrocious.

The Imperial team split into two groups: one travelling by train, the rest waiting for the QEC minibus. The latter group never arrived at Guildford and our arch-rivals from UC romped away to win the race. Pickard and Kelly headed the IC contingent in ninth and thirteenth positions, with Thwaites, Virk, Weston, Hayward and Frost all arriving in about fortieth to sixtieth positions, without any losses claimed by the mud or sabotage.

Commiserations must go to our stars left in London and congratulations to Virk and Frost who produced improved performances.

Ten-Pin

IN their last home match of the session the Bowling Club at long last gained victory. A very strong A team turned out against the Southampton opposition and convincingly won 4-0, in the process bowling one of the top games and series in the country this year. The performance was assisted by a 204 game from Cook, a 539 series by MacGowan and a 513 series by McMullan. The B team also managed to win 4-0 with a good all-round performance bowling 270 pins more than the opposition, who bowled worse than their own C team. Our C team in fact lost 3-1, but they were a team member short, and the game they did win was by only two pins. The hero of the moment was Bob Thong who remained calm under pressure and ended up with a 440 series. The ladies team was also a member short and, as ever, lost 4-0 but should be thanked for turning up as every pin bowled counts.

Results and Reports for Saturday, January 24, 1981

Rugby

IC 1st XV	v	UC	12-10
IC 2nd XV	v	UC	0-28

Football

IC 6th XI	v	UCH II	4-2
-----------	---	--------	-----

Hockey

IC 1st XI	v	Ashford	2-2
IC 2nd XI	v	Ashford	0-3
IC 3rd XI	v	Ashford	5-3

Basketball

IC 1st V	v	Ealing	51-21
----------	---	--------	-------

Hockey Thirds

THE farce started when nine IC players were given lifts to something that was referred to, jokingly, as the pitch, and two IC players weren't. (*Not that pitch again?* - Ed.)

Eventually we got eleven players and started the game. Well, we never really started, but the umpires began to blow their whistles and several opponents proceeded to hit us.

After five minutes of random mediocrity Pete Hughes had scored twice to give IC a comfortable lead. We then prepared for a long session of mud-slinging. But, Cathy Crossley, a guest transvestite, had different ideas. She scored. Not that surprising, but it was enough to totally confuse IC, who, by way of apology, let the opposition score. 3-1 at half-time.

The second half was diabolical, Pete Hughes was again forced to score twice, and for added amusement our defence ensured that the opposition scored twice as well.

Note: Would whoever dug up eight pounds of potatoes from the 'pitch' please return them.

Water Polo

THIS WEEKEND, the 'polo team made their annual trip to Bristol to play their university team.

The match started with the IC team looking suitably sharp and in control, and the first quarter passed without a goal. Bristol then took advantage of their huge pool and scored three times. Due to good play by our team, a tightening-up of marking and goals by Richard, Mike and Nick, play improved. The final result, 4-4, was an honourable draw, after which both teams retired to the bar.

The Bristolians proved to be very hospitable and great fun was had by all!

Sailing

THE IC team finally found form on Saturday at 'The Harp' when sailing against St Thomas' Hospital and University of Kent. The 'A' team finally 'got it all together' with a 1-2-3 victory over Thomas'. In near perfect conditions some of the finer points of team sailing were used by IC and the second race was won convincingly.

Kent became fodder for this IC team in fine form - IC winning in two races.

A fine day's sailing was had and some well earned points.

TEAM: Chadwick, Kennedy, Mills, Murray, Redman, Youngusband.

Canoe

White Water Championships

THE Universities White Water Racing Championships were held on January 24 and 25 at Llangollen on the River Dee. Several IC paddlers were among the UL team. Redding put in a good time in the individual K1 event but was unable to beat the very fast time put in by the winning paddlers. Benter was the fastest paddler down the course in a slalom canoe, beating a lot of people in racers. Neil MacMillan put in a good time for his first ever race.

In the Canadian event we had more success. Crofts finished fifth in the C1 event, which was won by the European Champion, Martin Hedges from Bath. In the C2 event Crofts and Graham made a good start had after an unfortunate incident with a rock capsized and lost a lot of time. After a quick recovery they still managed to finish fourth. Taking advantage of their team mates misfortune Redding paddling with Williams from Kings moved up to take third place. These results reflect the growing interest and success with Canadian canoes within the club, the previous weekend Crofts and Graham had won the non-ranking C2 event on the River Usk.

We must thank Tim Clark for spending most of the weekend ferrying canoes and competitors and also the other reserves (Jones, Kilgow, and Redding) who provided valuable support.

Now for some club news, a new indoor slalom league will shortly be starting, so come down to the pool and get promoted. We have trips coming up on February 7/8, surfing on the Gower, February 21/22, a river trip to Wales and on March 20/24 a surfing tour to Cornwall.

The big event this summer will be a surfing tour to either Portugal or the Biarrik area of France, anyone interested please let a committee member know.

SPORT

Compiled by Phil Webb

Wednesday, January 14, 1981

Rugby

IC 1st XV	v	London Hosp	0-6
Guilds	v	Roehampton Inst	0-6

Football

IC 2nd XI	v	Bedford	3-2
IC 4th XI	v	Guys	2-1

Hockey

IC 1st XI	v	Goldsmiths	7-0
Guilds	v	WHMS	4-1
RCS	v	Kings Coll	0-3

Water Polo

IC	v	Neptune	13-3
----	---	---------	------

Gutteridge Cup

THIS was a replay of the 15-15 draw at London Hospital last term. The opposition turned up half an hour late, and were greeted in the first five minutes of the game with a late Christmas present. From then on IC fought back and the game developed into a kicking match down the touchline. The Harlington pitch was successfully ruined by continual forward movements which dominated the latter part of the game.

Thank you to all the supporters who watched, and rendered verbal abuse to the opposition. The referee came back to the Union Bar and managed to crawl out about 10:30pm.

TEAM: Pullin, Parkinson, Huglus Narborough, Morgan, Davies, Chandler, Johns, Manzoni, Lorans, Richards, Warby, Smart (Capt), Hall, Davies, Johnston.

Football Seconds

A spirited second half performance allowed the seconds to come from behind and win a match that they should have had sewn up by half-time.

In the first half Bedford rarely encroached into IC's half of the pitch, such was the strength of the wind. IC, however, were unable to convert the territorial superiority into goals. At the interval with a score of 0-0, Bedford were feeling justifiably pleased, and things looked even bleaker for IC when Bedford went 1-0 up, five minutes into the second half. IC fought back and were soon on level terms when Esberger prodded the ball home after a fine run. A close range shot from Veenman gave IC the lead, which was promptly wiped out by Bedford's second goal. The winner came ten minutes from time when Saunder's accurate cross was met by a powerful header from Carr which tore into the net. For the remainder of the match, the IC defence, in which Griffiths was outstanding, held out for another two precious league points.

TEAM: Veats, Curran, Beer, Armstrong, Lakin, Griffiths, Esberger, Wiggins, Veenman, Saunders, Carr.

Tim Beer

Football Fourths

THE visitors arrived late to find the Fourths without a referee, again! After the Fifts substitute agreed to officiate, Guys kicked off. With a very strong cross wind and greasy surface there was little constructive football played by either side.

IC appeared comfortable but Guys equalised towards the end of the half, when a weak goalkick allowed an opposing forward

a free short from the edge of the box.

After half-time IC continued to go forward in search of the lead, Guys had the occasional break but Hugh Chown impressed in defence for the Fourths.

IC regained the lead twenty minutes into the half when Hawa produced a good turn and cross which fell kindly for BURNS who scored from six yards. This goal settled the match and gave the Fourths revenge for their only league defeat of the season.

TEAM: Gilbert, Maddy, Lay, Chown, Milner, BURNS, Buckley, Graves, McNicholas, Dolan, BURNS, Hawa.

RCS Hockey

LAST WEDNESDAY, RCS Hockey put in a heartening performance that made a mockery of claims that the team is dead. In a potentially difficult match away to Kings Coll, who are having a successful season, RCS dominated the first half-hour of the match and were very unlucky not to score on numerous occasions. Looking solid if unspectacular in defence, RCS attacked confidently with latest recruit Harding and 'old hand' Farrington looking sharp. However, as frustration grew, the match deteriorated and play became scrappy.

In the second half, Kings confidence increased and while RCS were still making scoring opportunities, it was Kings who scored three goals in their best patch in the middle of the second half. Mention must be made of Steve Leinster's magnificent hook shot saving a certain goal and of the mystery appearance of a 'damaged' kidney in one of the Kings defenders.

Altogether, this was a highly encouraging performance and one which promises victory for RCS in 1981.

TEAM: Williams, Rogers, Bird, Leinster, Sharpe, Pound, Baxter, Taylor, Farrington, Harding, Purdy, Morgan.

Saturday, January 17, 1981

Football

IC 4th XI	v	Kings (Burns 2)	2-4
-----------	---	-----------------	-----

Hockey

IC 1st XI	v	Gerrards Cross	2-0
-----------	---	----------------	-----

Lawn Tennis

TRIALS will be held on Thursday, January 29 and Thursday, February 5. Anyone who wishes to be considered for this year's mens team must attend both sessions. A team of eight will be picked, and team training will commence on the Thursday after. The trials will be held at the Linstead Courts and will start at 12:45pm sharp.

Also, will all those involved in the Round Robin Competition please hurry up and get their matches played.

Tony Tsoukkas
Captain

Snooker

AFTER an absence of a few weeks your snooker correspondent is back and on the pages of FELIX (hopefully). A lot of movement has occurred at the top of the UL League. It appears as if our C team leads, followed by the A team, and then the B team. So IC are doing extremely well, especially the B team who are now fighting back and look like snatching the title.

The A team (a spent force) were the only IC team to lose last week. The brilliant B team were buoyant after beating LSE by four frames to one. Kelly lost our only frame and his position in the team is being scrutinized by Proudlove.

The C team won five-nil against Bedford College. This has put them on top of the league, however they meet the on-form B team in a few weeks.

Ten-Pin Bowling

ON Saturday (17th) the Bowling Club played their home match against Portsmouth Polytechnic, who had won the away tie 10-0. The result of this latest meeting was again a defeat but by 8-2, with the A team winning the two points. Their 4-0 victory rarely seemed in doubt with good performances by Ng, Lau and Cook, playing his first A team game. The B team also looked set for victory after winning their first game, but this was due to bad bowling by the Portsmouth side. This quickly improved and the end result was a 3-1 defeat, despite Harrison showing the form which could have seen him in the A team, an offer he declined. Quinn bowled very well for the C team, which included Ann Sudell, an overspill from the ladies, but could not prevent a 4-0 defeat. The ladies also suffered this fate, despite good individual performances.

Future events included a home match this Saturday (24th) against Southampton and the Brunel Doubles Tournament on the 31st. The singles competition should have started last Wednesday, but late entries will be accepted next Wednesday (28th), everybody welcome.

J Knight
Captain

Running

IMPERIAL COLLEGE annually sends a team to the illustrious Batavierenrace in Holland. The race is a relay with 25 stages between 2 and 5 miles long, each runner being accompanied by a team-mate on a bicycle. Last year, we finished in a surprise second place out of 150 teams.

As you can imagine, this is no ordinary race. It starts at midnight as the first group of runners, joggers and struggling Swedes sets off, and ends in the afternoon in the expansive grounds of Eindhoven University. Its students host a massive party in the evening, providing food and a wide variety of music in the setting of their cavernous union building.

This year, the dates are April 23-26 and the cost should be well under £40 with a grant. We still need several more people to make up the team, including three ladies and hopefully an extra minibus driver. Anyone who is vaguely interested should contact Mark Thwaites, Mech Eng 3.

Trampolining

FOR THOSE of you who like bouncing up and down — IC Trampo Club has got off the ground at last. We now meet every Wednesday at 5:00pm in the Courtauld Hall, Queen Elizabeth's College, Campden Hill Road (Just off Kensington High Street).

Warning: Do not ask the old lady in the foyer of QEC for directions, or she will turn you away (QEC people are always complaining about her). Just walk in, turn right and go up to the first floor.

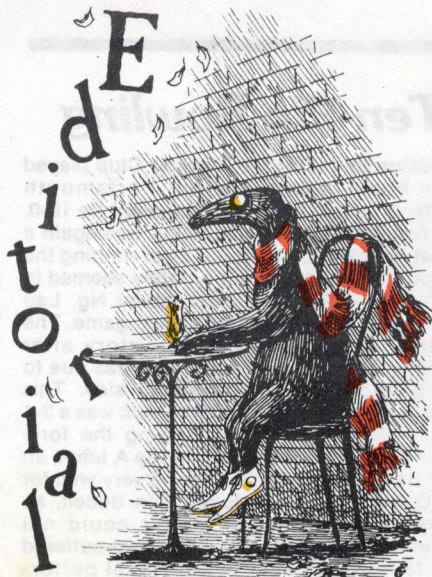
ACC

Grant Estimates - January 31

Even with an excellent turnout of over thirty persons at the last ACC Meeting some notable clubs were un-represented. Would all clubs please send in their grant estimates to, or contact, Nick Morton before January 31, 1981.

Last season's Cricket Club colours were also awarded:

Full: N Price, M Ellacott, P Slaton.
Half: A Harris, I Crowe, D Salter, J White, G Simpkin, D Everett.



Forty-two

On Monday night, the Beit telly lounge was crowded as usual for the weekly dose of the *Hitchhiker's Guide*. A few of the seats were occupied by non-Beit residents much to the annoyance of one Beit resident who singled out one of the non-residents and demanded that he vacate the chair. While I don't agree with his bully-boy tactics he has a point which I must concede is difficult to make in any other way.

But on the other hand, there has been no Union telly lounge for some time so it is only to be expected that the Beit Lounge should be used as such. Let's save all this hassle and refurbish the Union telly lounge with a telly. After all, every week we hear how many more thousands of pounds Rae Sneer has had to count from the Lower Lounge gaming machines.

While I realise that the last telly was vandalised, I'm sure that members of Union Council will be only too willing to perform "telly duty" now that Mr Passmore has withdrawn bar duty.

SCARAMOUCHE

I don't know if any of you know this, but there has been much controversy recently over adverse criticism of College catering. So to prevent Victor M and his team from becoming excessively paranoid, this week's puzzle is to offer them encouragement and publicity.

In the addition sum below, each different letter represents a different digit; and any given letter, whenever it occurs, always represents the same digit. Punctuation should be ignored.

```

      L O !
    M O O N E Y
      M E A T
      R O L L S ,
    R E A L L Y
      A
    T R E A T
      M M !
      M M ! !
      E A T
      A T
    -----
    M O O N E Y S
  
```

UGM Quandary

Last week, FELIX informed Liz Lindsay that the bylaw changes discussed at the last UGM of last term could not be read as too much time would have elapsed.

So the UGM was brought forward to February 5. Now, due to a number of things such as FELIX not being able to publicise this last week, the lack of any Union publicity, the motions deadline having passed and the CND lecture (which would have provided most of the audience if last term's UGM is anything to go by) it seems likely that this next UGM will be inquorate. And those bylaw changes will STILL not have their second reading. One of these is the motion to delete ICWA from the bylaws; a debate which has dragged on for far too long. ICWA is simply clutching at straws for its survival — it could have survived by an invalid second reading, and it will now probably survive due to an inquorate UGM. ICWA, as it stands at present, is not achieving anything as it cannot muster a quorate meeting, so survival in its present form is a pointless existence.

The only REAL solution is to get rid of it and form a more realistic women's group, if, indeed, such a group is desired at all.

Incidentally, I don't see WIST as any kind of answer either — they are simply a bunch of female fanatics.

Old Preversions

John Passmore may well think that the standard of the food has improved since he came here, but how can he say that one of the main features of this improvement is the introduction of the cook-freeze system? I would say that this has only served to make matters worse. Mr Mooney's largely incompetent staff just can't handle it — resulting in the kind of cook-freeze abuse we reported last term with mouldy food.

Even Mr Mooney admits (see FELIX 569) that the cook-freeze system has been "a limited success . . . it has not been used to its full potential" and that he has bad staff.

Stop Press

The Blood Doning session detailed in the ICCAG article in this FELIX has just been cancelled.

Thanks to

Patrick, Steve, Dave, Shanne, Mark, Colin, Phil, Scaramouche, Ian and Maz.

For the sake of pedants I suppose I should also indicate that the numbers are integers in base 10, and the letter O does not necessarily represent 0.

Your task is to reconstruct the sum.

Solutions, comments, criticisms to me c/o FELIX by 1:00pm on Wednesday. The winner will receive a choice of £5 cash (donated by Mend-A-Bike) or a slice of THE minced beef roll.

Solution to Last Puzzle

6oz, 7oz, 9oz.

Other solutions need a 1oz weight, which "I manage without".

Congratulations to Wing Lai, Physics 1, who can collect his prize from the office.

In this column, I try to set puzzles which cannot easily be solved by computer. I can't prevent people using computers, of course, but I can offer the following discouragements which apply to most of my puzzles, and especially to this week's.

What's On

Friday, January 30, 1981

• **Socialist Society Bookstall**, lunchtime, Sheffield JCR.

Saturday, January 31

• **Disco**, 8:00pm, Commonwealth Hall, Cartwright Gdns, WC1. Bar(s). 8:00pm till late. Admission 50p. Nearest tubes: Kings Cross, Russell Square.

Sunday, February 1

• **Wargames Club Meeting**, 1:00pm, Southside Upper Lounge.

Monday, February 2

• **Black Information Unit**, 6:30pm, Upper Lounge.
• **Les Barker and Mrs Ackroyd**, 8:00pm, Union Refec, 80p (40p for members).

Tuesday, February 3

• **Mech Eng Soc Lecture** on the *Fusion Reactor* by Maurice George from Harwell.
• **Riding Club Meeting**, 1:00pm, Elec Eng 1110.
• **STOIC Transmission**, 1:00pm, JCR and Halls.
• **Call My Bluff** (using Yiddish and Ladino words), 1:25pm, Huxley 340. Teams are: Union Exec v Jewish Soc.
• **Railway Society Presidential Address, Work of a Railway Engineer**, 5:40pm, Maths 340.
• **Discussion on the subject USSR: What went wrong?** 6:30pm, Green Comm Room.
• **SF SOC presents Santa Claus Conquers The Martians**, 6:30p, Mech Eng 220. 50p non-members or 20p members.
• **Photosoc Lecture, Landscape Photography - Across Canada** by S Norris, 7:15pm, Min Tech 303 RSM. All welcome.

Wednesday, February 4

• **Wargames Club Meeting**, 1:00pm, SCR, Union.

Thursday, February 5

• **Granada TV's video-film** on the international clothing industry, issued by the World Development Movement *The Shirt Off Our Backs*, 1:30pm, Maths Lecture Theatre 213.
• **Lecture followed by discussion, Towards the final abyss: a scientists view of the nuclear arms race** by Prof M J Pentz (Open University) with Prof T W B Kibble in the Chair, 1:30pm, Physics Lecture Theatre 1.
• **Hang Gliding Club Meeting**, 12:30pm, above Stan's Bar.
• **STOIC Transmission**, 1:00pm and 6:00pm, JCR and Halls. With News-Break.
• **IC Gliding Club Meeting**, 5:30pm, Aero 254.
• **ULU Gaysoc Meeting**, 8:00pm, Room 2D, ULU, Malet Street.

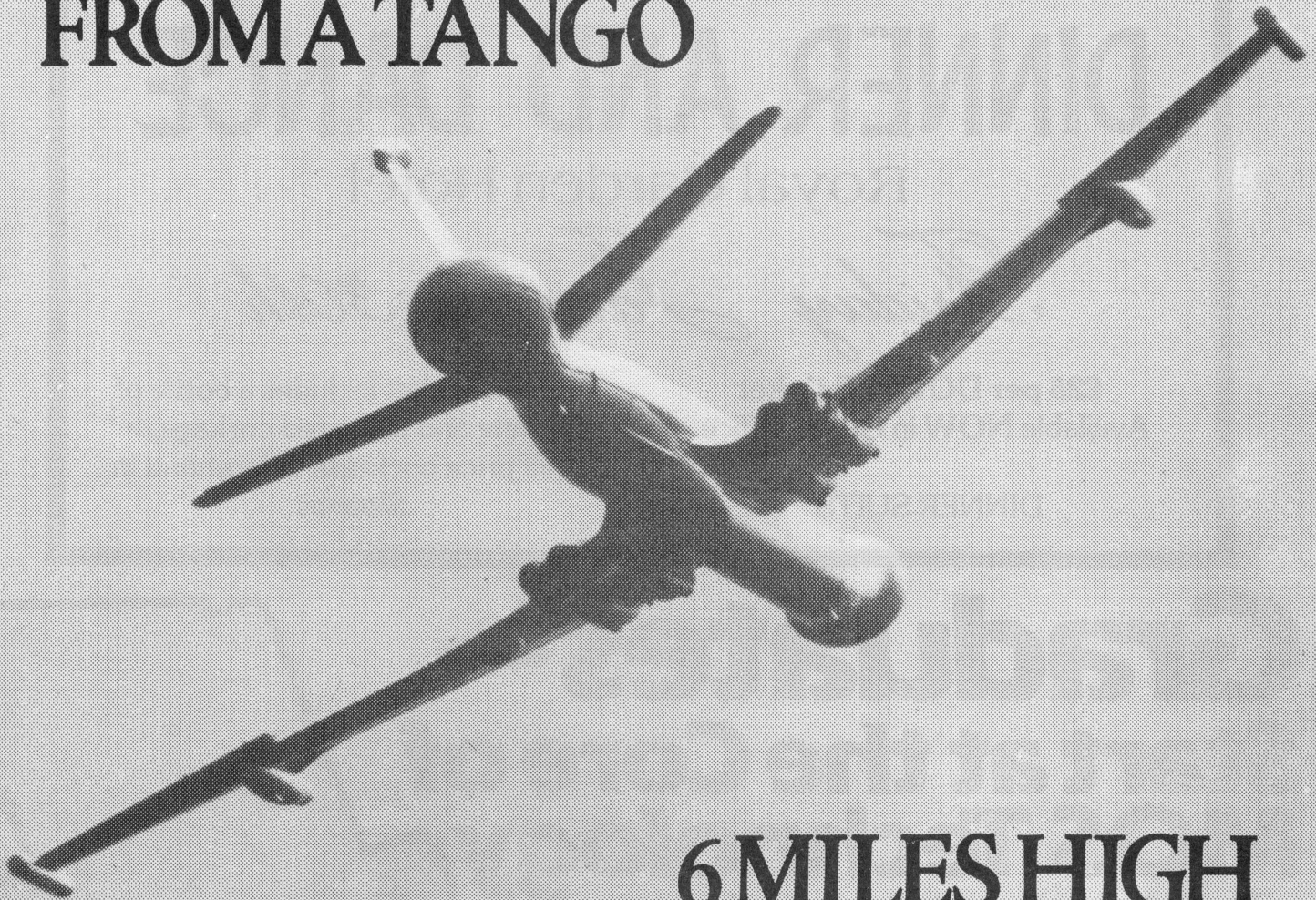
Firstly, the 'correct' approach will lead to the solution in less time than it takes to write and debug an efficient computer program, although the correct approach will not be easy to spot. And secondly, programs which solve puzzles can waste several minutes of computer time, because they usually need several nested loops.

Having said all this, if anyone does solve a Scaramouche puzzle on a computer (either this week or any week) I'd be interested if they would enclose a listing of their program with their solution together with a note of the amount of CPU time they used in debugging and running it.

The last two puzzles have been fairly easy, so this week you've got Mooney meat rolls to contend with; you won't find anything much tougher than that.

And my granny has asked me to pass on her thanks to all those who wished her well after the last puzzle; unfortunately she feels she is now too old to appear in any more James Bond films.

DESIGN US A RADAR SYSTEM THAT CAN TELL A FOXTROT FROM A TANGO



6 MILES HIGH

Spotting submarines is a tall enough order for any airborne radar system.

But the AEW Nimrod's radar can actually identify different classes of submarine.

Handling a design brief for such a system would be a once-in-a-lifetime experience for most people.

But to the engineers at Marconi Avionics it's an everyday occurrence. Because unless a problem borders on the impossible, it seldom comes to us in the first place.

If you expect rather more than the commonplace in your electronics, computing or related career, you should see the Marconi Avionics graduate presentation this term.

Your careers office has the details.

Or write to Sheila Milbank, Personnel Officer, Marconi Avionics Limited,

Elstree Way,
Borehamwood,
Herts WD6 1RX.
Tel: 01-953 2030.

**MARCONI
AVIONICS**

WHERE THE INCREDIBLE BECOMES COMMONPLACE



CITY and GUILDS UNION



proudly presents

the 30th Annual Engineers'

DINNER AND DANCE

Royal Garden Hotel

Friday January 30th

£25 per DOUBLE ticket
Available **NOW** in Guilds Office.

Price of ticket includes a bottle of
wine and unlimited corkage.
Half price cocktails beforehand in
Sloanes.

DINNER SUITS

Graduates— Start at the Core of MOS Technology

The kind of involvement you enjoy at University—particularly in your final year—is seldom repeated once you enter industry. But at Motorola we go to great lengths to keep you under the same kind of pressure by giving you immediate responsibility. Motorola's East Kilbride facility is the largest MOS house in Europe and to help us maintain our impressive record of innovation and growth we need more men and women Graduates with exceptional talent and motivation.

To find out more, pick up our company brochure from your Careers Office or write for an application form to: Graduate Recruitment, Motorola Limited, Colvilles Road, East Kilbride.

Or telephone East Kilbride 39101.



MOTOROLA

