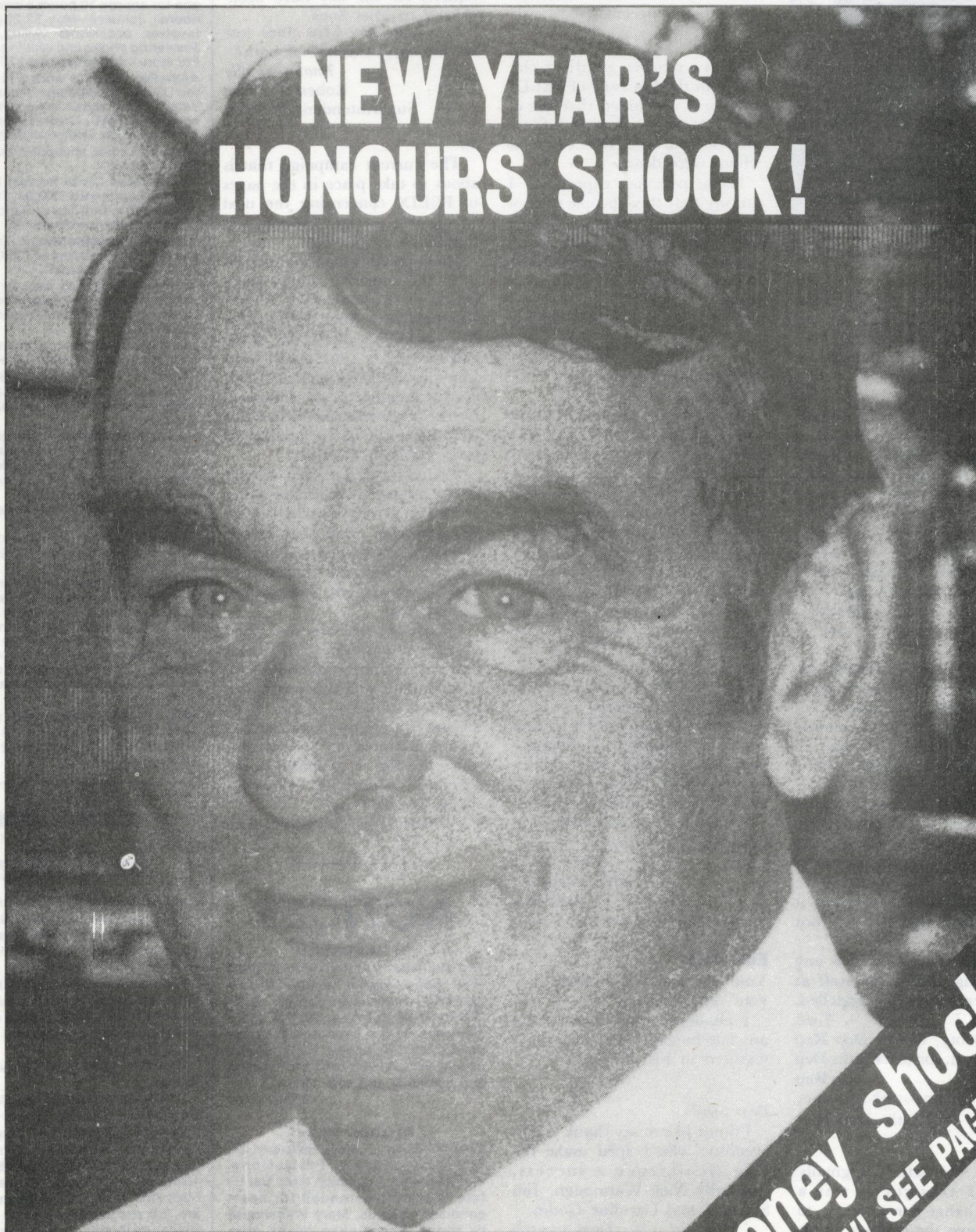




Founded in 1949

The Newspaper of Imperial College Union

NEW YEAR'S HONOURS SHOCK!



Mooney shocked
WOW! SEE PAGE 3

Letters to the Editor



Dear Steve

With reference to the letter concerning maths staff in the Christmas issue of FELIX.

Our feelings on reading this letter were ones of shock — as 'a bolt out of the blue' doesn't go halfway to describing the surprise of this attack — and disgust at this unsigned display of backstabbing. The many other maths students with whom we have discussed this letter feel similarly.

If this person is dissatisfied with Dr Pitman's teaching, he/she should first have done at least one of the following:

- 1 Seen Dr Pitman himself.
- 2 Seen the Senior Tutor in maths.

- 3 Seen his/her academic rep and had his/her grievance aired at staff/student committee.

Had all these failed to achieve anything, we still feel that an anonymous letter to FELIX is not a reasonable course of action.

Various people, students and staff, have worked hard to improve relations within the maths department. These relations are in general good and we realise that if they deteriorate, it is the students who will lose out most.

We hope that if there is any hard feeling within the staff at the moment, it will be dispelled.

Yours

Mike Booty, Maths Dep Rep
Kirsten Pratt, former Maths Dep Rep

Mary Attenborough, former Maths Dep Rep

Ed's Note

I printed the letter originally because I thought it was a pleasant change for someone to actually have the courage of his convictions and sign the letter (K

Barry). To the best of my knowledge the letter *wasn't* anonymous. I was not to know that there was no such person in College. I especially did not know, as Mr Booty pointed out to me as if I were an ignoramus, that K Barry was a member of the IRA. Why, the snivelling little pratt!

Mark you me, if he should bring another little offering in, I shall squeeze his testicles to a pulp.

You can have faith in me Mike, Kirsten and Mary, saviours of all that is decent.

Dear Sir

Many people reading the letters in the last issue of FELIX may have concluded that five of the letters originated from members of the IRA, four of whom were dead.

From personal experience I can say that these people are not in the IRA. I think it would be a bad habit for FELIX to publish so many letters under false names. I hope this will soon cease.

Yours faithfully
G Tuite

Private and Confidential

Dear Steve

It has been brought to my attention that in FELIX 570 (page 3), you have contravened Section 2(i) of the FELIX Constitution "to express the views and opinions of the students of Imperial College, both individually and collectively, i.e. in terms of decision reached at Union General Meetings..."

In the UGM report in FELIX 570 you have distorted the motion passed on the FELIX Editor, and as such, I must ask you to print a true and accurate report of that meeting. I hope that you take note of the motion which was passed overwhelmingly at a UGM and will in future publish FELIX in accordance with its constitution.

Failure to do so will, I am sure, result in further action.

Yours sincerely

John Passmore
President
Imperial College Union

Ed's Note

Your accusation is a disgrace to your office, sir!

I challenge you to point out any falsehood in the UGM report featured in FELIX 570.

Dear Steve

I'd just like to say thank you to everyone who helped make the Rag Conference a success, especially Nick Watmough, Jim Sarsfield and Caroline Godin.

Yours sincerely
Barney McCabe

Dear Mr Marshall

Miss Snee writes in FELIX 571 that she was surprised that Security think she has the key to the JCR Cleaning Cupboard.

I base my thinking on the fact that some eight weeks ago, on her request I gave her the key.

Two weeks later in the Ante Room, Sherfield Building, I told her the key had not been returned. She said it had been given to a third party but she would make sure it was returned. It never was. Since that time all requests for the key have been referred to Miss Snee.

I wonder has Miss Snee lost her memory, the key or both?

Yours faithfully

Robert Dickens
Superintendent Security

Sir

The current campaign that is about to take place in the pages of FELIX concerning the next Chancellor of the University of London is disgraceful.

How could any sane person have the temerity and insensibility to oppose Her Royal Highness Mrs Anne Phillips for this post? What worse, one of the candidates is that leftie Jack Jones, an ex-TUC hack who isn't even a member of the House of Lords. It wouldn't be so bad if it were Lord Vic of the Feather, or even Viscount Scargill.

Excluding the fact that she will not be as good a chancellor as her Grandmother would be at showjumping, and that she is married to a stammering imbecile, there is no lawful impediment why she should not be honoured in that way.

Of course, the strain of being in such a position is such that only royalty, or myself could bare it, so I shall end this passionate plea for Princess Anne to be elected by adopting a phrase that was first aimed at Sen Muskie when he lost a primary in the 1972 US Elections "Vote for Anne, or she'll cry".

Pettifogger Jarnoyce, BSc.

NOTICES

IN MEMORIUM

The students of RSMU wish to send their good wishes to their dearly departed messenger George. After serving RSM faithfully for five and a half years he has been exiled, by our powers to be, to the Biochemistry department. All the best and wishing you a speedy and safe return.

RSMU Exec

Important Notice

Coming Soon: Friday, February 27, The Mines Review. Professional entertainment. Education films. Bar till late. Not recommended for heart condition patients, Mary Whitehouse or those who dislike erotic misdeamors.

Small Ads

● **Ladies Rayleigh Bicycle**, 16" wheels, good condition, fitted dynamo lights, carrier and stand, £35. Contact Gill Crockett, Physics 2 letter-racks or phone 731 4699.

● **Guitar amplifiers** plus two column speakers, 60 watts per channel, £90 ono. Phone 567 7825.

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

● **York**. Anybody requiring a lift to York during this term please contact Philip Moore, Electrical Engineering 1.

● **Part-Time Job**: Ithaca College (American university in London), 35 Harrington Gardens, SW7 need someone for approx 10 hours a week (afternoons), January—May. £2.25 per hour. Involves occasional typing, mostly answering phone and running errands. For more information ring 370 1166.

● **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, Friday lunchtimes.

● **Found**: Ladies sheepskin coat. Ring Martin 3184.

● **British Red Cross Society First Aid Classes** commence 6:00pm, Thursday, January 15 in Bot/Zoo Common Room. Open to all staff and students.

● **The Photographic Shop** is open again this term on Tuesdays at 12:30 till 1:00. All films at trade prices!

● **Congratulations** to Ann for the first field landing of 1981, two miles short of the airfield at 10:30am, January 1. (RIP the flat Rat!)

● **Hamsoc RAE Course**: Learn how to become a radio amateur. Wednesday, January 14 at 13:00 in Elec Eng 1207.

● **I wish to protest** most strongly about Andy Black. H Root, Park West, West Brompton.

● **Anyone interested** in joining a Ski Club trip to Aviemore, Scotland, for a weekend in mid-February, please give their names to Ski Club, c/o Union Office, as soon as possible.

● **Chem Eng Soc 37th Annual Dinner**, will be held on February, 6, 1981. Tickets, £5.50 for students and £7.00 for staff, can be obtained from the Chem Eng Soc Hon Sec.

● **Dramsoc Auditions** for the Easter production are on Sunday, January 11 at 2:00pm. Anyone interested in acting in this venture (not to mention anyone desperately yearning for the smell of the footlights and the sight of the greasypaint) should wander up to the Dramsoc Storeroom on Sunday dinner-time.

● **Ford Transit Crew Bus**, 13 seats, 1976, petrol 160cc, MOT 11 months, reasonable condition. Ring internal 2232. Price £1400.

Premiere in College

Roger Stotesbury's "The Traveller in The Forest" will be shown at Imperial College next week. Two years in the making, it is a film of one man's journey from conformity, through isolation, to discernment. It is a story of an unsuitable marriage, a daily walk across London Bridge to the desk, the effect of unemployment and a search beyond society.

The film stars Suki Kalirai and Viv Brown.

It will be shown in the Southside Penthouse Dining Room (top of Falmouth Hall lift) on Wednesday, January 14 at 5:30pm; Thursday, January 15 at 5:30, 7:00, 8:30, and 10:00pm; and, Friday, January 16 at 5:30, 7:00, 8:30, and 10:00pm. Tickets are 75p and can be obtained from the Haldane Library, or on the door if still available.

Mooney shocked

‘I went rigid when I heard the news’

By our Special Correspondent

A happy New Year was not had by Victor “It tastes as good coming up as it does coming down” Mooney this year when he read in The Times of December 31 that his lifelong ambition, a knighthood had not been granted.

This came as a shock to Royal Arch Freemasonry circles, especially as “Sir” Victor had recently stored up the best food for Prince Phillip’s visit to stagger him with an eyeball rolling frenzy of delight resulting in the Press Secretary of the Duke of Edinburgh Award Scheme congratulating College on having such a “superb caterer”.

It was evident at an early stage that Sir Victor expected such an honour. When asked in FELIX on November 28 if he were not a cook “what would you rather be?”, he said: “Oh something like SIR Francis Chichester”.

The honours list came as a shock to many IC students as well. Many of them have been eating Mooneys for several years now, comforting themselves with the thought that, emaciated sick and undernourished as they were, their suffering was not in vain, and that by supporting this truly great man in such a way they could at least feel proud when he assumed his rightful title — “Sir” Victor. It has been suggested that all profits from refectories this year should go to the Conservative Board of Finance (under the administration of Major-General Wyldbore-Smith CB, DSO, OBE — the OBE costing as little as £7,000, incidentally) in order to prevent the same thing happening next year.

“¿No se ha intoxicado nadie con esta bazofia, Signor Mooney?”

When FELIX sent its ace polyglottal reporter, B B Wolfe, to find out how the Breakfast Bar staff felt about their supremo not being honoured, he asked “¿Por que no alquilan un cocinero en lugar de un pinche para hacer la comida?” only to receive the inevitable repost “Vaya usted a escupir a otra parte”. (It is thrilling to be under such a man.)

Victor Mooney’s catering career started on Joe’s stall in the Mile End Road in 1948. He won fame as the Catering Chief at the Selsdon Park Hotel and later at the St James Court Hotel, before he moved to the Grand Hotel (Harrogate). Shortly after coming to IC he won the Guild of Catering Managers Merit Award as Caterer of the Year in 1957. Although IC’s catering has degenerated into a disgusting state since he came here, he has kept his reputation as a mild mannered buffoon, always maintaining a strict “dignified silence” when criticised in the pages of FELIX. Nevertheless his kitchens, even though they contravene Sections 12 to 37 of the Public Health Act (1972) can produce upside down cakes, chilli con carne with rice, sponge pudding with raspberry jam, cucumber sandwiches, and even THE baked mince beef rool; that are truly fit for the Monarchy. The way in which Sir Victor has “buttered-up” [a culinary term] members of the Royal Family; notably Prince Phillip the Greek (who receives the best food, whilst students and the staff, who are charged VAT, pay through the nose to subsidise people rich enough to pay at the check out and fat enough already to stuff themselves silly) should surely have been enough to tilt the balance in his favour.

FELIX contacted Buckingham Palace to enquire if Prince Phillip paid VAT on his IC meals, as he is not a student, but no information was available.

The reaction in College to the news of Sir Victor’s lack of honours has been varied: Ms Rae Snee, BSc, ARCS (a liver the pair) sneered vindictively, “Mooney? He’s about as useful as a one-armed taxi driver with crabs”. Mr Steve Marshall BSc, ARCS (considerably more) said: “I went rigid when I heard the news; it was like a bolt from the blue”.

IC’s most decorated man hits the headlines



Bill's wife Sue

COLLEGE’S resident Pearly King and local celebrity, Bill West had a busy Xmas.

On Christmas Sunday, Bill and his wife visited Craven Cottage for the Fulham v Batley Rugby League fixture. London’s “new” paper *The Standard* carried a picture story the next day.

First, FELIX, then a London evening paper — what next Bill?

South Wales Argus, Wednesday, December 10, 1980

*Having a lovely time here.
Went to the Imperial today.
Food, beer, service terrible.*



Smiling publican Chuck Walsh saying “Come in and see” outside his pub. The Imperial, in Rosemary Road, Clacton-on-Sea. But the sign above his saloon bar door suggests his service is bad. “My signwriter thought I was mad,” said Irishman Chuck. “But it has aroused curiosity and increased my custom.”

Thanks to Patrick’s mum for spotting this little journalistic gem

Welfare Reshuffle

The Welfare Centre and the Residence Office have been combined into one unit which is going to be called the Student Services Office.

We have moved into a new office in 15 Princes Gardens which will be open every weekday from 9:30 to 5:30pm. The Student Services Office brings under one roof all the services that were provided by the Residence Office and the Welfare Centre and so will deal with:

College Accommodation

Student Services will deal with the same aspects of application to College accommodation, the billing, etc., as the Residence Office used to.

Private Sector Accommodation

We have details of all types of accommodation currently available in many areas of London. We also have an 'Accommodation Guide' which includes a list of flat agencies.

Legal Advice

We can help with all kinds of legal problems including making claims under the small claims procedure in the county court.

In certain cases where you may have to have a solicitor as, for example, you would if you wanted someone to represent you in a magistrates court we have lists of solicitors who do legal aid work — so you don't have to pay — together with the areas of the law that they specialise in. We also have lists of solicitors who speak languages other than English.

Landlord Problems

These can be many and varied. One of the problems is knowing just what your rights are. Other problems, such as involving an imminent breakdown in relationships between tenant and landlord, can often be helped through an intermediary such as ourselves.

Consumer Problems

Recent government legislation has given the consumer considerable protection. However, it is still up to the individual to find out what his rights are in any transaction that appears to have gone wrong and summon up enough energy to commence battle! This is where we can provide reinforcement with advice and assistance when appropriate.

Immigration/Home Office Problems

We don't exactly have a hot line to the Home Office, but lots of useful contacts with organisations that give advice in these areas, including our list of specialist solicitors, if we can't help directly ourselves.

Insurance

This area is covered by various leaflets on all types of insurance, including cars, motor bikes, cycles and life.

Covenants

A useful way of supplementing your income by reclaiming tax paid by your parents on their contribution to your grant. Forms explaining the procedure can be collected from student services.

Benefits

We have the complete current range of Department of Health and Social Security leaflets, including information on all aspects of the NHS, medical treatment abroad, National Insurance contributions, child benefit, unemployment benefit and various other ways of supplementing a low income. We also have details of rent allowance and rate rebate schemes.

Grants

Advice on eligibility for grants, details of certain discretionary allowances and lists of charitable organisations offering some cash help can be provided.

Miscellaneous

We also have an assortment of leaflets covering consumer matters and many other areas, reference books on such things as holiday jobs, working holidays and copies of *Which* from this year as it comes in.

Michael Arthur

Haldane Library

Books and records are now being lent for three weeks, instead of two, as a result of a decision by the Library Committee last term. Fines for late return of books and records will now be charged at 10p per week or part of a week. Please return your books on time — we don't like charging fines! (Any money from them is used to buy more books, so you still benefit.)

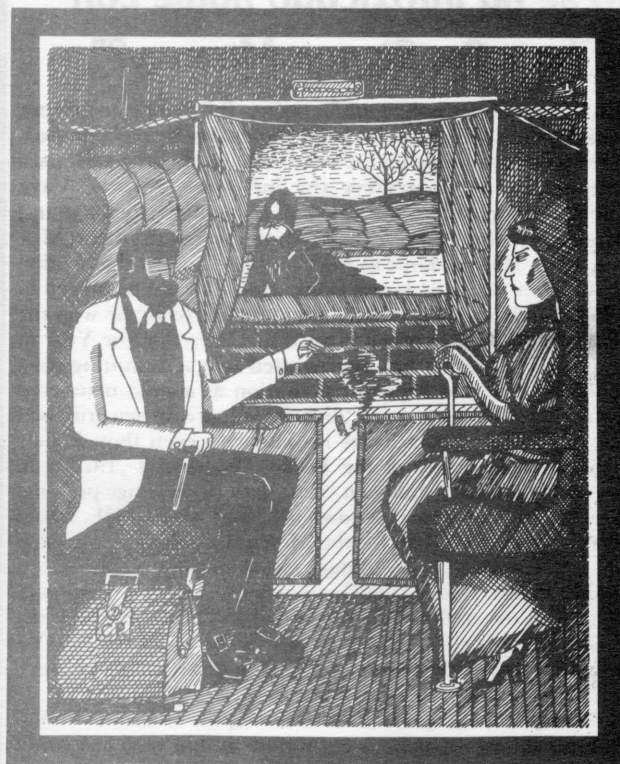
Loans can be extended either in person or by phone (external ext 2106, internal 3980), if no other user has requested them.

Aunt Deidre Visits Friends

Episode Seven



"I thought daddy was God!" cried tiny Charlotte in a transport of disappointment. But her mother only put the dripping teddy bear on the window sill and turned down the lamp.



Aunt Deidre pondered on the click-click-clackety-click of the point-wheel intercourse and shuddered. The man opposite her smoked a cheap cigar till its fiery tip burnt his yellowed fingers and he cried: "Oh!" and dropped it in sarcastic tribute at Aunt Deidre's feet.

Rag Conference

Held At IC

ICU were the hosts of the 1980 Rag Conference during the Christmas vacation. Unfortunately, the FELIX man on the spot, B B Wolffe, was called away on urgent business and so was unable to write a report. Nevertheless, FELIX presents the following report:

It was a dark Tuesday afternoon on December 16, as delegates from all over Britain, and from Hemel Hempstead, converged on Imperial College to confer on the popular subject of Rag.

During the two and a half hour registration period Barney McCabe, RCSU pianist, PWP resident comedian and contender for a post as Union bar cleaner next year was to be seen frantically organising in a last minute dash. However, the delegates were ready in line for a super slap up Mooney dinner, which lasted for exactly one hour. Then there followed "drinking" in the Union Bar, from which several delegates were forcibly ejected, and others left of their own accord, bitterly complaining about the high price of beer, and the capitalist thugs who impose such prices.

Dogs Attack Delegates

Unfortunately whilst returning from the Union Bar to Southside, where the guests were accommodated in the most luxurious of surroundings, two delegates were attacked by a pack of dogs, which had been roaming Exhibition Road. The people were rushed to hospital, but the dogs refused to go.

Wednesday was a glorious day when the sun shone, the wind blew, and the rain rained in that order. After a one and a half hour Mooney breakfast, the delegates were introduced and simultaneously heard a meditation on Rag from the Bishop of London, the Rt Revd G Ellis.

The Charities Committee then gave a talk on the difference between the Kaisers left elbow and spoons.

In the afternoon, the delegates who by now included W Rees-Mogg, were given a very severe talking to by the police, who had broken off a recording session especially for the occasion. The business part of the day concluded with a talk on publicity, given by a publican. After a slap-up Mooney meal, including THE baked mince beef roll, delegates and Lord Flowers socialised on a pub crawl around some local drinking houses.

Food Poisoning

Thursday began with a talk on "Everything you've always wanted to know about McMillan and Graham . . . and alternatives, but were too frightened to ask". This was so scandalous that I refuse to lower the tone of the article by enlarging on it.

After lunch, delegates paid a visit to the sales, and bought or shoplifted assorted articles of clothing, and beer glasses.

The Rag Conference Revue, scheduled for that evening was cancelled, owing to all participants having food poisoning. An extra item, however, was added to the programme, Lord Denning spoke on the interpretation of the Law with respect to Rag Magazines from 1808, when he got his First Class Maths Degree, to the present day.

On Friday morning a discussion was held on CRIB, which I think means Criminal Research and Information Bureau, and seems a silly thing to talk about.

The conference ended on a happy note as Mr Mooney handed out special "Vic'll Fix It" badges.

I have been unable to research fully what the delegates had for breakfast, as the Breakfast Bar ladies can't understand any English except "sausages". Captain Lindley was asked how many delegates were at the conference but said "I don't know, I don't stand and count 'em, and it's not up to me to count 'em either".

Rag Chairman Dead

Ian Hodgeson, this year's Rag Chairman wouldn't know anything HE WASN'T EVEN THERE! (Neither was Sir James Goldsmith whose news magazine 'Now!' certainly is a rag). When Barney McCabe realised that the conference was a total flop and would seriously damage his chances of becoming Union Bar Cleaner next year, he said: "I don't know what I'll do, I think I'll stand for ICU Deputy President".

Some of this report may be true, but the rest of it isn't.

Telephone Extension

IT SEEMS likely that the internal phone system will be extended to Evelyn Gardens in the very near future. Mr Burridge of the College Estates department has told FELIX that the claim for a tie line has been with the GPO for a month now, and that as soon as it is granted it is a simple matter to hook a phone on the end.

Initially, only one phone line will be provided, to Bernard Sunley House, which will enable the housekeeper of Evelyn Gardens to keep in contact with College. The phone will be situated near the housekeeper's flat and will be available for the use of students of all the Evelyn Gardens houses.

On a less optimistic front, the phone system in the Southside Halls of Residence has still not

been connected to the internal phone system. This work should have been completed by the start of October but the contracted firm, Reliance, seem less than Reliable. All that needs to be done to complete the system is that one connection needs to be made which could be done by College electricians in a day if it were not for the fact that such an "irresponsible" action would render the contractor not liable for any future fault that might develop. When connected, there would be just one internal to Southside connection (and vice-versa). IC Radio aim to put this connection to good use as Southside residents would be able to phone the station directly from their landing. The system may be extended to the other Halls if it passes satisfactorily.

Iranian Abomination

TOWARDS the end of last term a large number of posters written in Iranian were stuck on walls around College and various West End Underground stations with an extremely strong adhesive. The poster depicted scenes of battle with the only English script being the address of Imperial College Union. This is not the first time this abhorrent advertising technique has been used to deface College walls and shops in Kensington and the West End; remnants of others may still be seen etched onto the walls in Kensington High Street — all bearing the address of IC Union in English. The latest outrage was brought to the attention of the President, John Passmore, by FELIX after discovering one gracing its own walls. After translation, it was discovered to advertise an event staged by IC Iranian Society on December 13, 1980 in the Union Building.

An executive meeting was held which decided to fine the Iranian Society £10 for use of adhesive instead of Blu-tac and the more serious lack of an English translation; both contraventions of Union policy. (See Editorial.)

Pressure of Academic Work

MR PHILLIP COLL has resigned from his post on the Union Council as External Affairs Officer. Phil told John Passmore of his decision last Monday and explained that it was due to "pressure of academic work".

Labour on Fees

MR NEIL KINNOCK, the opposition spokesman for education has announced at the annual conference of the World University Service (WUS) that they will be introducing a sliding scale of university fees for overseas students in order to protect those from the poorest backgrounds. He added that this system would be introduced as soon as the Labour Party were returned to power and that the scale of fees would be a "steeply descending order of priority".

Centenary

ON JANUARY 1, the Natural History Museum celebrated its 100th Anniversary. The museum began due to an alliance struck up between Sir Richard Owen and Mr Gladstone in the early 1860s. With Mr Gladstone's strong support, Sir Richard Owen was able to get the museum on a firm footing by 1885 with a vast array of modern animal exhibits to a visitor's left on entering, fossils and minerals to the right, and flora at the top.

The museum is renowned for its massive collection of insects and in 1980 was named 'Museum of the Year'. To celebrate its centenary, the Museum is presently staging an exhibit entitled 'Nature stored, nature studied' which shows the growth of the collection. In May, a major permanent exhibit will be opened on Darwin's 'Origin of the Species'. It is perhaps ironical that the Museum's chief founder, Sir Richard Owen, was a major opponent of Darwin's views.

Spring Term

My very own FELIX calendar

Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
12 JAN	13	14	15 ENTS film: <i>Godfather</i> , Mech Eng 220	16 Mines Disco, JCR	17	18
19	20 Knitwear Sale, JCR RCS End of World Party	21	22 ENTS film: <i>Omega Man</i> , Mech Eng 220	23	24	25 RSM Rugby 7s Guilds Soccer 6s Guilds Bar Games Night
26	27	28 Mines year Rag Collections (till 4th)	29 ENTS film: <i>Goodbye Emmanuelle</i> , Mech Eng 220	30 Guilds Dinner and Dance	31	1 FEB
2	3	4 RSM Barnight	5 ENTS film: <i>Force 10 From Navarone</i> Mech Eng 220	6	7 Inter-Hall Rag Collection	8 RCS Rugby 7s
9	10	11	12	13	14 JCR Valentines Party	15
16	17 RSM UGM	18	19 IC UGM, 1pm, Gt Hall ENTS film: <i>All The President's Men</i> , Mech Eng 220	20 Bristol 24hr Pedal Car Race	21 RSM Camborne Weekend	22
23	24 Guilds Field Cup	25	26 ENTS film: <i>Heaven Can Wait</i> , Mech Eng 220 RCS Election Hustings UGM	27 Mines Review	28 Monopoly Rag Collection	1 MAR
2 RCS Elections	3 RCS Results UGM	4	5 IC Election Hustings UGM, 1pm, Gt Hall	6 Rag Race (till March 8)	7 RSM Final Year Rag Collection	8
9	10 Guilds Election UGM	11	12 IC Results UGM, Great Hall ENTS film: <i>Apocalypse Now</i> , Mech Eng 220	13	14	15
16	17 RSM Elections RSM Brighton Trip	18	19 ENTS film: <i>Every Which Way But Loose</i> , Mech Eng 220	20	21	22

REFEC OPENING TIMES

Union
Mon-Fri
11:30-2:00
3:00-6:00

Sherfield (Lower)
Mon-Fri
12:00-12:30
Sherfield (JCR)
Mon-Fri
10:15-11:45
12:00-2:00
3:00-4:30

Southside (Upper Dining Room)
Breakfast
Mon-Fri
8:00-9:30

Southside (Main Dining Hall)
Lunch
Mon-Fri
12:00-2:00
Dinner
Seven days a week
5:00-7:00

SOUTHSIDE SHOP

8:30-6:00 (lunch 2:30-3:30) Mon-Fri
9:00-1:00 Saturday

WAITROSE OPENING TIMES

Mon 1pm-7pm
Tues 9am-6pm
Wed 9am-6pm
Thurs 9am-8pm
Fri 9am-8pm
Sat 8:30am-4pm

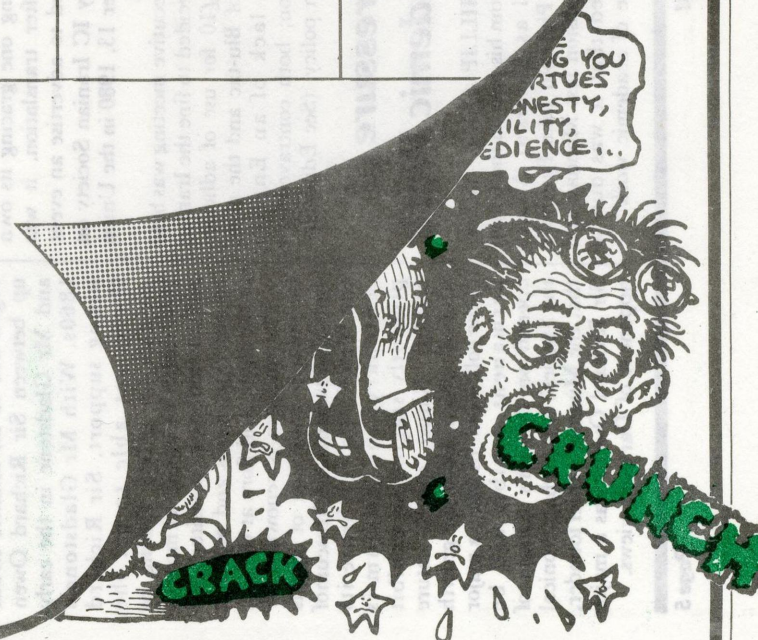
BOOKSHOP OPENING TIMES

During Termtime: 9:15am-5:15pm
During Vacations: 9:15am-2:30pm

LYON PLAYFAIR OPENING TIMES

Termtime and Easter Vacation
Mon-Fri 9:30am-9:00pm
Sat 9:30am-5:30pm
Other Vacations: Mon-Fri 9:30am-5:30pm

HALDANE LIBRARY OPENING TIMES
Mon-Fri 9:30am-5:30pm



Amnesty International

Last term the Imperial College Group staged a twenty-four hour sponsored fast in a successful effort to raise funds and publicise its aims; the group would like to thank all those who showed their support by contributing to our funds, sponsoring members and buying our Christmas cards and publications.

This term we are participating in the national campaign organised by Amnesty concerning the use of torture by security forces in Chile. Events in Chile have been highlighted in the British press with the arrest and torture of Britons Claire Wilson in July last year, and Dr Sheila Cassidy in 1975. But what is not generally known is that an estimated 1,500 Chileans have 'disappeared' between 1973 and 1977, and that many of these will have been tortured in secret detention centres. Hundreds of thousands have been forced into external exile following the coup of 1973 and dissidents have been banished to remote parts of the country. By July 1980, the repression was worse than at any previous time.

However, the present British government has discounted human rights considerations when it announced the renewal of diplomatic relations with Chile last year, and the decision to allow the resumption of arms sales to that country.

The British Section of Amnesty is planning a major parliamentary initiative on Chile, which hopes to pressure the government into revealing details of the arms trade with Chile, so that the public can make its own judgement on the extent that repression in Chile is supported by Britain. We urge all concerned people to write to their MPs asking support for this move, and to sign the petition protesting against the use of torture, which is obtainable from R Sloss (Botany PG, int 2096) to be presented to the Chilean ambassador in February.

ICCAG

THE START of a new year seems like a good time to remind you about ICCAG and its activities.

ICCAG stands for Imperial College Community Action Group, but, although it may sound otherwise, we are neither a political nor a religious group. We are just a small College society whose aim is to DO something to help some of those in need in London. For example, every Tuesday and Friday night, a small group of us (not the same ones all the time) travels in a minibus to Charing Cross Bridge to give soup, bread and biscuits to those sleeping rough there. On Saturdays a few of us help at a club for handicapped children and their friends, while others sometimes help to build an adventure playground. Some of us are hoping to go to the homes of old people and fit draught excluders and other insulation; others have "adopted" an old person to visit and do shopping for. At Christmas, in collaboration with Dramsoc, we arranged a concert in an old people's home, and the blood transfusion people come to College twice a year at our request.

Why don't you think about coming along to one or more of our activities this term? Give us a try — you can get as little or as much involved as you like. If you are interested, keep reading the ICCAG articles in FELIX, or contact Sean Coyle, Elec Eng 2.

Photosoc

DURING THE next few weeks the Photographic Society has two competitions and five lectures. The first of these competitions 'The Black and White Competition' on Tuesday, January 13 will be marked by a professional judge. So I hope you all bring your entries on Tuesday, January 13, showing the class of the IC Photographic Society.

There are arranged some colour demonstration next week and also in the 'pipeline' is the start of short lectures by the members on their thing, such as choosing a camera, flashgun, etc.

The other competition is the 'Colour Print and Slide Open Competition'.

So all you keen photographers let your skill be judged, enter your photograph . . .



Wednesday, January 14
Trip to Roller Disco

Friday, January 30
Dinner And Dance

The roller skating trip will be to a roller disco, meet in the Union Bar by 7:30pm on Wednesday. The cost will be £1.80 plus 50p skate hire, or you can bring your own skates.

Dinner and Dance will be held in the Royal Garden Hotel (non-Mooney food!). Tickets are available in the Guilds Office; £25 per double ticket including a bottle of wine, and unlimited corkage and half-price cocktails will be available beforehand at Sloanes.



Friday, January 16
Mines Disco in JCR

Sunday, January 25
RSM Rugby Sevens

Wed, February 4
RSM Barnite

Hope you all had a good Christmas and New Year and I trust your livers won't get any time to recover.

Hope you can find some time to join in this term, and maybe it is time to start thinking what Union posts you may like to stand for.

Lots of love
Crispin

ICYHA

THIS WEEKEND we plan to go to Dorset and the line-up for the rest of the term is given below:

Jan 23-25: Yorkshire Dales
Feb 6-8: Salop/Welsh Border
February 20-22: Somerset
March 6-8: Lake District
Easter Holidays: Scotland

For further information, come to butties every Thursday, 12:30pm, Southside Upper Lounge. New members welcome.

Old

Preversions (incorporating Exec Gossip)

HAPPY CHRISTMAS (? - Ed) and I hope you are all being good boys and girls going to your lectures and getting on with the academic side as the good old exams are only a few weeks away.

Last term ended in glory with myself battling it out at Governing Body about IC and Nuclear Fuel Technology. It was all to no avail however as all the wise old men of College decided to stand by their decision of last June to maintain the course regardless of who did the course, etc. The other gem at Governing Body was the discussion document on the pros and cons of independence from the University of London which was not discussed but deferred to a future meeting.

Graduate Studies on the Monday after you all went home had a long discussion about the length of time it takes research students to do research.

Refectory Committee saw a major argument between Mr Mooney and Estates about Bar Hoists in the Union and Southside.

Now for the bad news, the External Affairs Officer post is vacant as Phil Cole has resigned. Papers are up in the Union Lower Lounge and anyone interested should see me or Phil Cole to find out what the job entails.

The other news is that this is normally the time of year when people decide to stand for sabbaticals. Already people have voiced their intentions. If anyone is considering standing for Hon Sec, DP, or President they should contact the relevant person and I'm sure those who wish to edit our illustrious newspaper FELIX have already spoken to the Greatest Living editor in England.

John Passmore

Your chance to meet Kodak



Kodak Limited will be interviewing at your University on
JANUARY 30, 1981

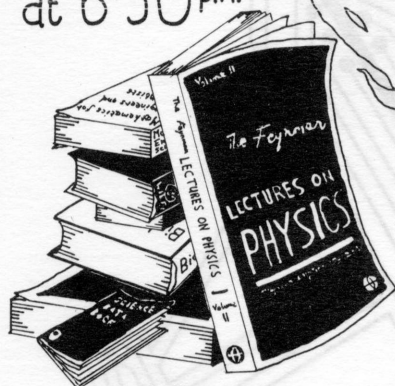
We need engineers and scientists, computing, marketing and accountancy trainees. Your careers service has the details. Collect a copy of "Kodak and Your Future" and apply as indicated. Look forward to seeing you.



FAHRENHEIT 451

S. A. F.
SOC.

MONDAY
12th
at 6.30 p.m.



50p (20p MEMBERS)

MECH
ENG.
220

City and Guilds present 30th Annual Engineers'

DINNER AND DANCE
FRIDAY 30 JANUARY

Royal Garden Hotel

£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

Islamic Society proudly presents

CAT STEVENS

ISLAMIC WEEK
JANUARY 12 to 16

Mon 12: Lecture by Dr Iqbal entitled: *A World In Turmoil: A Muslim Perspective*, 6:00pm, Mech Eng 640.

Tues 13: Talk by Yousof Islam, formerly Cat Stevens, 1:00pm, Mech Eng 220.

Thurs 15: Lecture by Dr Darsh entitled: *The Application Of Islamic Laws And Punishments*, 1:00pm, Mech Eng 540.

ALSO a book display in the Lyon Playfair Library and a Poster Display in the Sherfield Concourse.

VAST CHOIR MUST BECOME VASTER



I.C. Choir needs some more tenors and sopranos for this term and next - why not come and sing with us? It is a large and friendly choir, 180 strong, and there are no auditions.

This term we are singing Brahms' Requiem and next term Handel's Dixit Dominus - but the Handel is an ambitious work, and we need more sopranos and tenors.

Singing isn't all we do - there is also a full line-up of social events: trips to the ballet, the opera and the roller disco, and a country dancing party.

DO JOIN US!

You'll enjoy singing with us - come to our first rehearsal on Thursday 15th January at 5.45 pm in Room 342, Mech Eng. You'll be made very welcome.

Graduating this year?

New enterprise seeks more star crews

BRITISH TELECOM — setting a new pace in telecommunications.

New name — formerly Post Office Telecommunications, our new name gives us an identity distinct from the Post Office from which we separate later this year.

New style — we shall remain as innovative as ever in the field of technical development, but intend to stress the commercial aspect of our business.

New direction — we know that the demand worldwide for new audio, visual and information services is about to erupt. We aim to pinpoint new and profitable areas of application possibilities in telecommunications — and move fast to satisfy them.

New purpose — our intention is to reshape our business and consolidate our resources. Our plans include building up teams of energetic, innovative and intelligent graduates who will respond enthusiastically to this stimulating environment.

JOIN US

— whatever your discipline, we can offer promising careers in

Engineering/Science

Research & Development • New Services Planning • Large Project Supervision • Power Engineering

Management

Accountancy • Marketing • Management Services • Customer Service • Personnel

Data Processing

Programming • Systems Analysis • Computer Centre Management

Our Milk Round Date this Year: Monday, 19th January

We are holding informal interviews. Your Careers Office will tell you where and what time, and will show you our brochure "British Telecom — our business and your career".

British

TELECOM

PART OF THE POST OFFICE

FELIX, January 9, 1981

SCARAMOUCHE

Nobody solved the chess puzzle (I warned you it was difficult) and the only person to get the other three right was **Roland Marslin**, Physics 3, and he wins a total of £14 in prizes. Roland was the only person to get Silent Audit correct; incredibly he solved it *without a correction slip*.

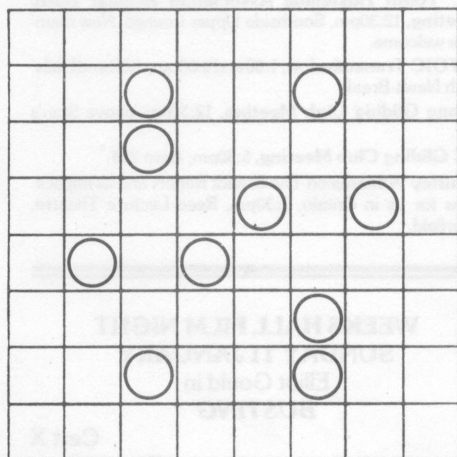
There were several correct replies to the other two puzzles. Open Fire was won by Jasper of IC Radio, and Santa Clues by David Bogle of Chem Eng. They can collect £2 each from the FELIX Office.

Thanks and congratulations to everyone who entered, and especially to Stephen Harris and Katharine Herbert who did better than most, but were unlucky in the draw.

Open Fire

Ten missiles are needed. The diagram shows a symmetric solution.

As I intended, it's easy to find a solution with ten missiles, and even easier to convince yourself it is possible with nine missiles. It isn't.



Santa Clues

Prancer drinks Arctic Lite, and Dasher sings 'Hark The Herald Angels Sing'. These are the only possibilities for the information I asked for, although it isn't possible to allocate all the attributes to the reindeer uniquely. One solution is:

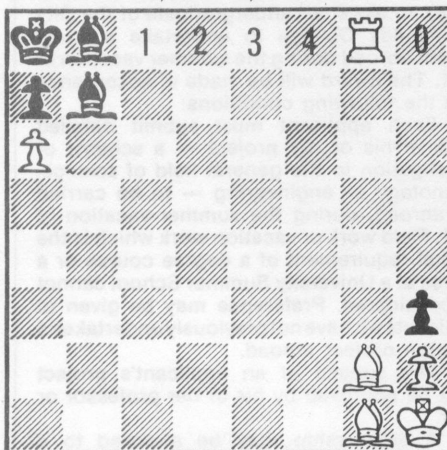
Dasher	Blitzen	Rudolf	Donner	Prancer
Purple	Green	Red	Yellow	Blue
Ribbons	PackssleighBells	Sack	Lights	
Port	Gin	Rum	Whiskey	Arctic Lite
Hark	Silent Night Jingle Bells	WhileShep	O Come	

with the reindeer harnessed in this order, with Dasher at the back, and Prancer at the front.

Kamikaze Chess

Let's start with some basic observations about the position.

- Obviously neither side will make any pawn move.
- If White moves his black-square bishop, Black can play BxB check, forcing K-N1, and now White's position is hopeless.
- If White moves his rook off the back rank, Black can move his black-square bishop, and again White cannot now force Black to do anything.
- If White permits (or forces) Black to play BxB check at any time, he must make sure his



rook is not in a position to block the check. For instance 1.B-B6 BxBch is no good, because of 2.R-N2.

Putting all this together, we see that White must shuttle his Bishop up and down the diagonal, and his rook back and forth along the back rank (making sure it is always either behind his bishop, or else on the 'safe' square, KR8) until he can force Black to play BxB mate.

Forming this strategy is the first part of the problem, and it's no small achievement to do so; congratulations if you got this far. But worse is to come, since in deciding the best tactics, you have to consider what are the best counter-tactics for Black.

It's done like this:

In the diagram I have put numbers on certain squares of the board. Black's best play is as follows.

- If possible, play BxB without giving mate.
- If this is not possible, make sure that the number of vacant squares between the two white-square bishops is equal to the number of the square on which the white rook stands.

Black will be able to achieve one of these aims as soon as (and only if) White makes a slip.

White's best play is similar.

- Make sure that the number of vacant squares between the two white-square bishops is equal to the number of the square on which the rook stands.
- Never move the rook from a lower to a higher numbered square. This will eventually force Black to play BxB mate.

All rather complicated, so here are a couple of examples. In the first, White blunders on his first move.

- R-QB8 B-K5
 - B-B3 B-Q4
 - B-K4 B-B3
 - B-Q5 B-N2 and White is stuck, since after
 - B-B6 BxB
 - RxB B(N1)-B2 he cannot force Black to mate him.
- This is how it should be done.
- R-KB8 B-Q4 (there's nothing better for Black)
 - R-Q8 B-B3
 - B-B3 B-N2
 - B-K4 B-B3

- R-QB8 B-N2
- B-Q5 B-B3
- R-R8 B-N2
- B-B6 BxB mate

Silent Audit

99¹/₂p, 98¹/₂p, 95¹/₂p, 90¹/₂p, 50¹/₂p, 1¹/₂p.

Of the four sworded puzzles, this one was unquestionably the most sworded of all, although the idea behind it is extremely simple. The point is that although each monk tendered £1, they didn't all offer a £1 note. And so the shopkeeper was able to deduce, for instance, that a monk who offered 50+10+10+10+10+10 pence wanted a candle costing more than 90p. In fact, the smallest coin tendered defines a limit to the amount of change expected.

Now, we know they all wanted differently sized candles, so the shopkeeper could only make his deductions if the smallest coins tendered by each of the six were different.

Let us make a table of possibilities:

Smallest Coin Tendered	Minimum Prize of Candle	Max Change Given
1 ¹ / ₂ p	£1	nil
1p	99 ¹ / ₂ p	1 ¹ / ₂ p
2p	98 ¹ / ₂ p	1 ¹ / ₂ p
5p	95 ¹ / ₂ p	4 ¹ / ₂ p
10p	90 ¹ / ₂ p	9 ¹ / ₂ p
50p	50 ¹ / ₂ p	49 ¹ / ₂ p
£1	1 ¹ / ₂ p	99 ¹ / ₂ p

So the maximum amount of change the shopkeeper could possibly have given was 1¹/₂+1¹/₂+4¹/₂+9¹/₂+49¹/₂+99¹/₂=£1.65.

But we are told that he did hand out £1.65 in change. So the amounts handed in change to the individual monks were 1¹/₂p, 1¹/₂p, 4¹/₂p, 9¹/₂p, 49¹/₂p, and 99¹/₂p which determines the prices of candles as 99¹/₂p, 98¹/₂p, 95¹/₂p, 90¹/₂p, 50¹/₂p, and 1¹/₂p (this last one presumably for a birthday cake).

I hope this is enough of an explanation; it's by no means as complete as it might be, but to go into greater detail would be unnecessarily tedious. But if anyone still doesn't understand, write to me at the usual address and I'll send you a *really* detailed solution.

Also, I hope that everyone got a correction sheet to say that the amount of change was £1.65, not £1.66. That mistake cost me my second consecutive night's sleep, but for such a lovely puzzle (adapted from a Tantalizer by Martin Hollis) it was worth it.

SPORT

Compiled by Phil Webb

ACC

The next general meeting of ACC will be Tuesday, January 13, 1981 in the Bot/Zoo Common Room. A representative of each club is required to attend since the main topic is . . . money.

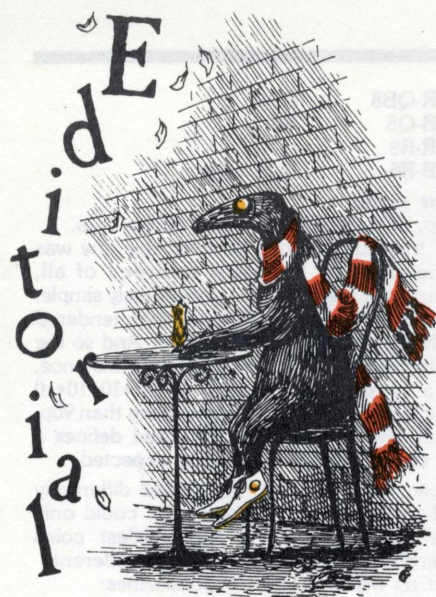
Keys

Towards the end of last term a key to the new volleyball court was mislaid. If you know the whereabouts of this key could you return it to the Union Office PDQ since its loss could mean the loss of the court to some users.

Phil's Bit

I need urgently (!) photos of College sports . . . swimming, rugby, rowing, squash, etc (not for FELIX). If you have any, please could you let me have them via either the FELIX Office, 3M letter-racks or Falmouth 132.

Cheers
Phil



Welcome Back

To exams, extremely hard work, essays, lab reports, problem classes, tutorials.....



British Red Cross Society FIRST AID CLASSES

commencing 6:00pm
THURSDAY 15 JANUARY
Bot/Zoo Common Room
Open to all staff and students

Old Centralians Trust Travel Scholarship 1981

The Old Centralians Trust will award a travel scholarship to a value of £100 (or possibly more), to assist an undergraduate of the City and Guilds College to undertake a study project abroad during the summer vacation of 1981. The award will be made in accordance with the following conditions:

1. Each applicant must submit detailed plans of his or her project — a scheme of investigation in the general field of science, technology or engineering — to be carried out abroad, during the summer vacation of 1981. Field work or vacation work which is the normal requirement of a degree course or a course at a University Summer School cannot be considered. Preference may be given to applicants who have not previously undertaken a vacation project abroad.

2. The subject of an applicant's project must be approved by his or her professor or tutor.

3. A scholarship may be awarded to a group expedition but the total will not normally exceed £100. Individual applications are requested from two members of the group, who must clearly indicate the nature of their investigations covering different aspects of the Group project. Preference may be given to a Group expeditions whose members are all undergraduates.

4. Each project must include an approximate time-table and travel itinerary.

5. A budget giving details of expenses involved must also be submitted and should include travel and accommodation expenses, together with cost and details of any special equipment that may be required.

6. Application forms may be obtained from the Secretary, Old Centralians, Room 303, Sheffield Building. The completed forms should be returned not later than May 12 1981.

7. Applicants who are selected will be interviewed in London during May. The award will be announced as soon as possible after the interview.

8. Each holder of a travel scholarship will be required to submit a preliminary and a final project-report; the preliminary report, which need only be brief, within a month, and the final report within four months of his or her return from abroad.

What's On

Friday, January 9

•Life Sci Party, 8:00pm, JCR, 50p ticket.

Sunday, January 11

•Wargames Club Meeting, 1:00pm, SCR.

Tuesday, January 13

•Storm the Russian Embassy! Petition for the release of the Swedish "Angel of Mercy" Raoul Waldenberg, held for 35 years in a Russian prison. Meet 11:20, Beit Arch.

•Riding Club Meeting, 1:00pm, Elec Eng Building.

•STOIC Transmission, 1:00pm, JCR and Halls. An interview with Lord Flowers.

•Rail Soc Slide and Photo Evening, 5:40pm, Union Upper Lounge. All welcome.

•Photo Soc B&W Competition, 7:00pm, RSM 303 (Min Tech). Bring your entry before 7:00pm.

Wednesday, January 14

•Wargames Club Meeting, 1:00pm, SCR.

•Radio Amateurs' Exam Course for transmitting licence qualification, 1:00pm, Elec Eng 1207. Free to all. Further details from J Savage, Physics 3.

Thursday, January 15

•IC Youth Hostelling Association Regular Butty Meeting, 12:30pm, Southside Upper Lounge. New members welcome.

•STOIC Transmission, 1:00 and 6:00pm, JCR and Halls. With News-Break.

•Hang Gliding Club Meeting, 12:30pm, above Stan's Bar.

•IC Gliding Club Meeting, 5:30pm, Aero 254.

•Shirley Williams on The Brandt Report and its implications for us in Britain, 1:30pm, Reed Lecture Theatre, Sheffield.

WEEKS HALL FILM NIGHT SUNDAY 11 JANUARY

Elliot Gould in
BUSTING

Cert X

Bar opens 8:00pm.

Film 9:00pm.

Last orders 10:20pm.

WOMEN FREE

(Eat your heart out ICU.)



This year's Hogmanay celebrations at the Inebriated Haggis surpassed all records for the amount of whisky consumed. The five guests who stayed till the end left in the not-so-early hours of the morning and sang themselves to sleep trying to find their way home, all of them unaware that each was wearing the sporrán of one of the others.

The blame for this falls upon Angus McOatup, the cloakroom attendant, who is now trying to sort out who has whose. But he was as pickled as the rest, and this morning, deafened by the resounding crash of aspirin on glass, his brain is stuck in a groove. Still, through the fog he half remembers that:

McBagpipe is wearing the sporrán of the man who is wearing the sporrán of the man who is wearing the sporrán of McPorridge

and

McThistle is wearing the sporrán of the man who is wearing the sporrán of the man who is wearing the sporrán of the man who is wearing the sporrán of McOchaye

and

McPorridge is wearing the sporrán of the man who is wearing the sporrán of the man who is wearing the sporrán of the man who is wearing the sporrán of McThistle.

and

McLochnessmonster's sporrán is not being worn by McBagpipe.

Alas that one of these four recollections is untrue!

Who is wearing whose sporrán?

Solutions, comments and criticisms to me c/o FELIX Office. There is a £2 prize for the first correct entry chosen at 1:00pm on Wednesday.

If anyone can think of a good way of raising prize money for the weekly competition, (or would like to donate/bequeath/covenant) would they let me know, please. (There will be a prize - Ed.) The obvious way to do this would be to find a company or small business who would be prepared to sponsor the competition in return for the publicity they would get, so if you know of such a firm, please get in touch.

Solutions to the Christmas puzzles are on page 11, together with the winners' names.

Finally, good luck with this week's puzzle. It's much easier than it looks.