

THE

# BUSH

TELEGRAPH

Christmas Special 1986

## ANGUISH LANGUAGE WINNER



The anguish is over. The truth is out! Last issues competition results are inside, with complete, correct translation. Did you get it right?

### The Chairman and the Press

An interview featuring Sir William Barlow, from the pages of **ELECTRONICS WEEKLY *Inside***. Will GEC take over BICC now that Plessey is no longer in reach?



See what Sir William says in **WHAT THE PRESS SAY** in your Christmas Special Bush Telegraph!

# SANTA SUNK!



**W**orkers at BICC Research and Engineering confirmed last night that scientific proof now exists showing beyond doubt that Reindeer cannot fly.

Basing their effort on some classic Bumble-Bee work, researchers are now fully confident in their conclusions. "This was no theoretical exercise", a spokesperson commented, "We went through a rigorous set of tests, involving the elastic extension of all four of the reindeer's members (pulling their legs). All quite painless for the animals concerned of course."

## SANTA GETS THE SACK?

A reindeer spokesdeer, R.Rednose, has accused the researchers of "blatantly ignoring my member's rights", and is going to appeal to the Polar Court for Non-Human Rights.

# BUSH TELEGRAPH

Vol. 28 No.5

## Cover

Kim Booth  
Simon Stannard-Powell

## Production

Doreen Greenbury

## Editorial Board

Pete Walters  
Ted Morrison  
Kim Booth  
Geoff Holder  
Anne Buchanan

## A Christmas Special

Well! This issue covers a very un-festive period at Wood Lane. The redundancies in the north-west that we reported last issue have sent their shock-waves all the way down here, bowling over 17 poor souls in Shepherds Bush.

Bush Telegraph can do nothing but express heartfelt sympathy for their plight, just before Christmas.

What we would like to see now is some clear statement on the *positive*

steps that will be taken to safeguard the future of the company and its employees.

Confidence needs restoring quickly, if those that have get up and go, are not to get up and go to pastures new.

It is unreasonable to expect certainty from any level of management, but we do all daily cope with percentages, probabilities, possibilities. Why not lay them out for us all to see.

Let us have something said on what is (probably) going to go on next year.

DEAR EDITOR,

A Reader

*Dear Editor,*

A letter from Maurice Rothman can be found inside

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# CHRISTMAS MESSAGE

From: Dr. Roy Farmer  
Director, BICC Central Research  
Laboratories

1986 has been a year of mixed fortunes here at Wood Lane. Without a doubt the high point of the year occurred in June when our Open Days were widely regarded as a tremendous achievement and we all had the satisfaction of making personal contributions to the success of these events.

The recent announcements came in sharp contrast, a sombre reminder that we do not operate in isolation from the rest of the group and that Wood Lane's success ultimately depends on the success and health of the operating units. We will enter 1987 with a finer focus to our activities, a vital part of a more perceptive, leaner and fitter BICC organisation.

There have been many newcomers during the summer months, indeed we welcome all those who have joined BREL during 1986. Amongst other things they will have found a rejuvenated Bush Telegraph issued regularly and reaping the benefits from the latest *desktop publishing* equipment and laser printer technology!

Thanks again to the many contributors of articles during the year and to the Editorial Board for much devoted effort and hard work.

As in previous years our pensioners will be returning just before Christmas and we welcome the opportunity of catching up with their latest news. They usually pass comment about changes to the site; 1986 has been an exceptional year in this respect!

The holiday break is a welcome opportunity to relax, recreate or recuperate but our thoughts will also be with those who are not so fortunate.

May I wish all of you and your families the very best of wishes for Christmas and the New Year.

*Roy Farmer*

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# PERSONNEL NEWS

It would be invidious of me not to mention the recent redundancies at the very start of this month's Personnel News . Everyone will probably be aware by now of the names of the unfortunate individuals who have been forced to leave BREL so I will not add insult to injury by printing out a list with the usual trite comment (in this instance) of "Farewell and Best Wishes" . Many of those who have left or are in the process of leaving have been at Wood Lane for many years and their going will leave gaps in what might be called "Wood Lane Society" that will take a long time to fill , if ever . The emotions that have been aroused since the redundancies were announced have been many and varied , one of the strongest that I have found has been that of disappointment. Disappointment that redundancies should have been deemed necessary , disappointment at the number of individuals made redundant (not to mention the larger number mentioned in rumours before the event) and ,last but certainly not least ,disappointment at the way in which individuals were informed of their fate .

P.W.W.

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Now for the rest of the Personnel News

## WELCOME TO :

Dr. D.A.Evans who has joined the Physics Department

Dr. K. Julian who has joined as Manager/Director ,  
Polymer Technologies .

Mr. R.W.P.Apps who has joined as Technology Planning  
Manager , reporting to Dr.G.F.Moore .

## FAREWELL AND BEST WISHES TO :

Mr. C.P.Mostran                      Site Services

Mr. C.Evans                              Administration

Miss L.Curtis                            Optical Transmission

Dr.M.Rothman                          Mathematics

## CONGRATULATIONS TO :

Mr.L.P.Lou who completed 20 years service in November.

# RETIREMENT

DR. MAURICE ROTHMAN

Dr. Maurice Rothman retired on 30th November, 1986 after almost 20 years as Head of the Mathematics Department, having joined BICC in July 1967.

Born in 1921 in Hull, he gained his first degree as an external student of London University in 1942 and then spent the remainder of the war as a 'boffin' with the Ministry of Aircraft Production at Stanmore.

After the war, Maurice lectured at the Royal College of Science and Technology in Glasgow (now Strathclyde University) where he also completed his Ph.D. Subsequently he moved to the Northern Polytechnic in London as a senior lecturer before joining the R and D Department of the Reed Paper Group as a Section Head in 1957. During his presentation Maurice revealed that at this time he had been offered a job with BICC at Wood Lane but had turned it down because of the poor remuneration!

At BICC one area of work that he has been associated with for all of his term as Head of Department is the analysis and design of Railway Electrification Equipment. Several papers have been published and it also forms part of the current display by BICC at the Design Centres.

In his youth, Maurice greatly enjoyed playing cricket and cycling.

On retirement, among other things, he is planning to gather material for a history of Mathematics.

To: The Editor, Bush Telegraph

From: M. Rothman

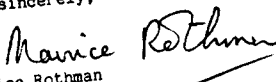
May I through you please say thank you very much to everyone at Wood Lane for the kindness shown me on my retirement. I would have liked to thank everyone personally but I'm afraid some of the signatures on the card are even less decipherable than my own.

In case anyone is unaware of the contents of the beautifully wrapped box it was a stereo-cassette recorder-radio with twin tape decks and all sorts of mysterious knobs one of which I am given to understand will enable me to set-up in business as a disco-operator though I am unlikely to avail myself of this facility. There was also a sum of money which I shall use to buy something for my wife who probably deserves it much more than I do.

My thanks and best wishes to everyone and I expect I will pop in sometime when I will doubtless see some of you again. Meanwhile, with your permission and in response to public request I add the 2 'models' which I gave during my reply to Roy Farmer's overflattering description of my past life.

With kindest regards to you all,

Most sincerely,

  
Maurice Rothman

Model 1: The surface area of a Dog (metres<sup>2</sup>) = 0.113 Weight (Kg)<sup>2/3</sup> said to have been tested against the physical measurements of a number of American adult mongrels.

Model 2: Computer model for forecasting beer consumption in UK (Developed by United Glass so that bottle production might be geared to demand):

Beer consumption next month =  
 $-0.365 + 0.965 \times 10^{-4}$  (press and television advertising this month)  
 $+ 0.7748 \times 10^{-4}$  (disposable income this month)  $+ 0.0231$  (average air temperature this month). Said to have been accurate within 10% on 90% of occasions between 1959 and 1966.



MAURICE ROTHMAN AT HIS RETIREMENT PRESENTATION

## HENRY GALLARD

Henry Gallard who died after a long illness on 18th October 1986, originated from Lausanne, Switzerland. He completed his apprenticeship with Maillefer.S.A. and specialised as a design engineer for cable making machinery.

In 1952 he and his family came to Britain where he worked for Mallard Machines for a number of years.

He joined BICC as a senior design draughtsman in 1965 and was promoted to section leader of the design office in 1970, a position which he held until his retirement in October 1977.

Henry continued to provide a valuable design service to us for many years after his

retirement and examples of his work, both before and after retirement are still functioning efficiently within the operating units.

Henry will be remembered for his high degree of professionalism and attention to detail, which resulted in sound machine design, and also for being helpful and cooperative to his colleagues at all times.

The funeral took place on 27th October in Lausanne. A floral tribute and letter of condolence were sent by the company and a card containing their signatures was sent on behalf of his many friends.

Clive Carroll, Eric Savage

## OBITUARY

# THANK YOU

Brian and myself would like to thank all of our friends and colleagues at Wood Lane for the collection that was held for us , in particular we would like to thank Maureen Ayres , Keith Spencer and Works Services Dept. for organising the collection .

Sandra West



*Sandra and Brian on their wedding day*

# HEALTH AND SAFETY BULLETIN

To conform with legislation, a programme of routine inspection and preventive maintenance of all items of portable electrical apparatus is to be formulated. To assist in the collation of the required information, Managers and Department Heads have been requested to submit lists of applicable items to be progressed, on a rota basis, by Site Services electricians.

To combat the possibility of Legionnaires Disease, a chemical dosing unit has been installed in the cooling water system supplying the air conditioning plant situated in the west plant room of McFadzean building.

A Fire drill was successfully conducted in October of this year and a follow-up report, detailing comments and observations, was issued to all members of staff.

In a further attempt to control vehicles from speeding on the premises, "sleeping policemen" road pacers have been positioned between McFadzean and Brazier buildings and also between McFadzean and Faraday buildings. The pacers are necessary to protect pedestrians from speeding vehicles and not for nuisance value to drivers.

Approval has been granted to install a smoke detection Fire alarm system in McFadzean building in areas of high risk and investment. Jardine Insurance Brokers recommended the installation of such a system following their recent survey. Work will commence early in the new year.

A walkie-talkie system has been purchased and is located in the Site Services Department. The units are available to all departments and may be used to maintain personal contact in potentially hazardous situations and areas of difficult communications.

John Watson.



# WELL DONE!!

## BRITISH HEART FOUNDATION The heart research charity

President: The Rt Hon Viscount Tony Blundy PC  
Vice-Presidents: The Rt Hon The Lord Cobbold KG PC GCVO  
The Rt Hon Viscount De Lisle VC KG PC GCMG GCVO  
Lord Forte FRSA Lord Samuel of Wych Cross FRCS  
Chairman of Council: Sir Cyril Clarke KBE MD FRCP FRS  
Chairman of Research Funds Committee: Professor J A Dickinson CBE MC TD MD FRCP  
Honorary Treasurer: N J Robson Esq  
Director-General: Brigadier P G S Tower CBE  
Secretary: Mrs Marion Grainge FCA  
Consultant Medical Director: Professor J P Shillington MD FRCP FACP  
Consultant Medical Director (designate): Professor D G Julian MD FRCP  
Director of Appeals: Col James MacLennan

Patron: HRH The Prince Philip KG KT



102 Gloucester Place, London W1H 4DH. Tel: 01-935 0185

3 December 1986

Messrs D Mathers and J J Watson  
BICC Research and Engineering Ltd  
38 Ariel Way  
Wood Lane  
London  
W12 7DX

8 DEC 1986

Dear Messrs Mathers and Watson


Thank you for your kind donation of £71.75 being the sum collected in sponsorship on completion of the Harrow Charity Half Marathon.

We assure you that the money will be used to finance and encourage research into the causes, diagnosis, prevention and treatment of heart disease.

Your efforts on our behalf are most appreciated.

Yours sincerely

R Emery  
Donations Secretary

1961  1986

A GENERATION OF PROGRESS  
IN HEART RESEARCH

BRITISH HEART FOUNDATION A COMPANY LIMITED BY GUARANTEE  
REGISTERED IN ENGLAND REG NO 699647 CHARITY NO 225971  
REGISTERED OFFICE 102 GLOUCESTER PLACE LONDON W1H 4DH

# The Ghost of Christmas past

It was just about two years ago. Just about the same time of year. Just about the same weather, pouring with rain. When a notice went up on the board, very polite, impersonal. "Tomorrow redundancy notices will be handed out to some of the staff. Business has not been very good recently ..... " and so on.

A dynamic new young company, at the forefront of technology, beating the Yanks with British innovative skills. Kenneth Bakers pride and joy (he was minister for Information Technology). The company that installed a Local Area Network in the CABINET OFFICE!

There had been a real enthusiasm amongst the staff. A cohesiveness and a shared feeling of helping to create something. No British malaise here. No demarcation lines. All hands went to the pump when time was tight.

There had been a feeling of precariousness when the company was so new, but time went by, nothing nasty happened, and then security arrived as the company was taken over by a large (British owned) multinational. All of our cash-flow problems were over. Hurrah!

And then, a while later...that notice. Of course I couldn't possibly be on the list to appear the next morning. I was, shamelessly, their brightest electronic star. Multi-talented, writing software in 'C'- ever such a trendy language. Head positively bursting with useful expertise (amongst other things). Those poor production workers that were going to bear the brunt in the morning, oh the sympathy that I felt for their plight!

In the morning, my letter. 9 o'clock on the dot. It's a bit thick, how many pages do they need to tell me that I still have a job? Finger in, rip it open. What's this, there must be some mistake! But there is my name, typed ever so neatly at the top. No mistake.

The knife had been wielded savagely. It was however small comfort to be accompanied into oblivion by your favourite colleagues. Just before Christmas! What a time to look for a job! Ring up 4 or 5 agencies and put your name down. There, that's something done! Off down the pub at lunchtime and wallow in the commiseration of those who still have a job. Back on Monday to clear out your desks. Right see you then!

Back on Monday. Already those who have a job look that bit embarrassed to meet you eye to eye. Eye with a job to eye with no job. Desk clear, forms signed, right, off down the pub again. Where's Dave, why didn't he come down the pub? Poor old Dave, middle management, not easy for him not quite 40, oh and hasn't his wife just given birth to their first child? Yes that's right after all those miscarriages too. Another round?

Hey! Have you heard? Dave collapsed just outside the office, lucky that the hospital is just opposite. Let's go and find out how he's doing. Another meeting called back in the office. Don't they know we don't work here any more? We all gather, ready for a fight. The meeting is about Dave. Dead. No job, new baby and now he's dead. Go home, away from that terrible place.

**KB**

# POETS CORNER

## You To Me ,Oh , Fair Maiden

On a Summer's day  
You're a gentle breeze ,  
On a legless man  
You're a pair of knees ,  
On a stormy night  
You're a warm , dry shelter ,  
I think that you are a smashing belter .

In a gasping drought  
You're a welcome drop ,  
In a lasting famine  
You're a fish'n'chip shop.

You're a hundred watt bulb  
In a dimly lit room ,  
If you'll be my bride  
I'll be your groom .

## Ode To A Chestnut Tree

I wish I were a chestnut tree  
A-nourished by the Sun  
With twigs and leaves and branches  
And conkers by the ton .

*These verses were submitted to the BT under Peter Jennings's name , however he has denied all responsibility and suggested that one of his shyer colleagues in Polymer Processes is the 'poet' .*

*Clue :- First name the same as that of a famous snooker player , surname the same as the white stuff found on the ground in Winter , not snow .*

### THEM AND US AND THEM

As the early siren sounds,  
The young and old they gather in,  
Ready to earn their daily pounds,  
Steady as the chime that rings.

Clock cards punches they never lie,  
Work will start but with a sigh,  
Milling, drilling, turning,  
Tapping, filing, burning.

Manual labour but at a cost,  
So soon these skills they might be lost,  
The robot is never sick,  
The robot it's just the trick.

They never moan or go on strike,  
They just work and slave away,  
They see the hand but do not bite,  
They don't think they just obey.

So what of men with kids to FEED ?  
A Government gift indeed,  
Not too much but just enough,  
So don't be shocked when things get rough,  
We sold their souls for gold and rust.

### LIARS

You don't see real people,  
Just the robots of experience,  
Sleep walking through life,  
Every action is a mime of whats gone before,  
Every reaction is of time thats ceased, no more.

They've been taught that the howling wind  
And pounding rain is unpleasant, not nice,  
Have'nt they felt the cool tears of love  
And touched the warm breath of pain.

They've read and filled their emotions,  
And stared with blind eyes at lies,  
They've talked of their dreams and devotions,  
Then crawled with the ants and the flies.

FAT CAT

# Grappling with the Grape



Friday 14th November saw once again the annual Social Club wine tasting. I always enjoy these occasions since, as well as the pleasure of tasting Denis Groombridge's yearly offerings, it is also an opportunity to renew old acquaintances as many ex-patriots from Devonshire House and past employees are present.

"Well-boxed", the catalogue described the items in table 1 and so they should remain. I have never yet tasted a good boxed wine and tonight's were no exception. A somewhat bland Piesporter Michelberg and a sweet, sickly Yugoslav Tiger Milk comprised the whites, the star of the table being the Roussillon Rouge which, in spite of its sterile packing, still retained some depth of flavour.

Of the Loire wines on table 2, the Pouilly-sur-Loire stood out in quality. Both the Rosé and the Vin du Haut Poitou had a "bit of a rasp" about them and the sugary Chateau de Bellevue was too sweet for my taste.

More pleasing to the taste-buds were the examples of the Chardonnay grape on table 3. The Australian Rosemount Estate 85 had a very delicate flavour with an unusually flowery bouquet and contrasted well with the strongly flavoured Bulgarian example. However, the French Bourgogne Blanc 78 was my choice from this table.

On table 4 the Cabernet Sauvignon grape was well represented by the Bulgarian 81. This wine is certainly good value for money. The example from Italy, Trentino 84, was so-so. I have found that an Australian generally judges the quality of a red wine by the size of the headache he gets the next day. The Captain's Selection 83 with its big oaky taste and full body certainly fell into this category and would no doubt be judged "a good drop", not, however, to my taste.

I have found that an Australian generally judges the quality of a red wine by the size of the headache he gets the next day.

Of the Italian wines on table 5, I preferred the sturdy red from Montepulciano d'Abruzzo 84 which had a good flavour and dry after taste. The two French wines Chateau Lajaubertie 84 and Chateau Meaume 83 were disappointing at first but developed in taste and flavour as the evening wore on, suggesting that perhaps they should have been opened earlier to allow their character to develop. Both these wines were rich in tannin and would be ideal for laying down.

The wines were complemented by the excellent buffet; the organisers are to be congratulated on the excellent choice of cheeses.

**Bon Buveur.**

# A HANGOVER CURE?

Earlier this month a friend told me that he was giving up alcohol for a month.

"What the dickens for?" I replied in words of one syllable.

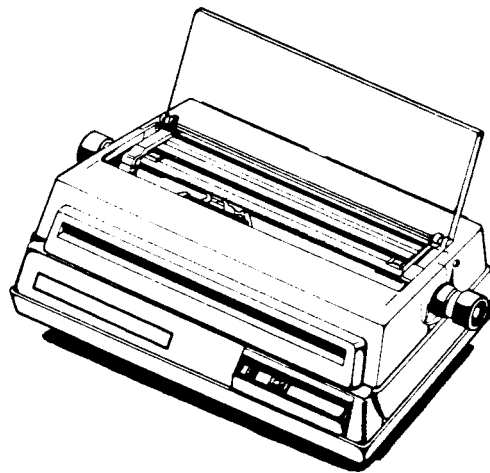
"Just to see what it's like," he said, "Why don't you join me?"

After searching the four corners of my soul, turning it inside out and shaking it, I still found no sensibility in his suggestion, but I decided to give it a try anyway. It really is very easy so long as there's no other reason except that you've chosen to do it. It's well worth becoming a social outcast to witness the traumas your once friends go through and experience the pressures put upon you to have a drink. And no hangovers!

There really is another world out there beyond alcohol if you are bold enough to go and find it. Still, it's nice to be back.

*Rob Corne*

Early next year the Go For It section will be issuing a challenge to give up alcohol for Lent. Watch this space for further details.



## LOST

A Smith-Corona printer. Last seen in the Electronics Department. Have you seen this? Please let John Mitchell know if you have any information as to its whereabouts. John may be reached on extension 461.

Smith-Corona text printer

# BOTTOMS UP

The following two recipes may help you to get into the festive spirit, although you will have to wait until next Christmas to try the Cranberry Gin!

## MULLED WINE

Use any inexpensive red wine for this recipe. The flavoured syrup can be made up in advance and stored until required.

1 bottle red wine  
1 small wineglass brandy (optional)  
1/2 pint boiling water  
4oz sugar  
1 orange and lemon sliced  
6 cloves  
2 sticks cinnamon (available from health food shops and Asian grocers, don't use powdered cinnamon)

Dissolve sugar in water, add spices and fruit, bring to the boil. Remove from the heat and allow to stand for at least 10 minutes.

Add the red wine, and heat but don't allow to boil, add the brandy, then strain into glasses and serve.

## CRANBERRY GIN

This is not only an excellent liqueur, but makes a good base for cocktails and is delicious poured over sorbets.

Use fresh cranberries when they are in season or frozen ones all the year round.

1 bottle gin  
cranberries to fill half the bottle (approx 6oz)  
3oz sugar  
a few blanched almonds, cracked  
1-inch piece of stick cinnamon  
2 cloves

Pour the gin into a jug, prick the cranberries and put them into the empty gin bottle. Add the sugar, almonds and spices. Pour in enough gin to fill the bottle, (you will have to drink the remaining gin!) cap tightly. Leave in a warm place for a few days, shaking the bottle occasionally until the sugar is dissolved.

Now comes the hard part, store in a cool, dark place for 3 to 6 months before straining and rebottling.

YMF

# LETTER FROM EALING

Instead of our usual letter from the Antipodes (which will feature in our next edition ...Ann and Vic you are not forgotten !) this month we have a letter from Ealing albeit written by an Australian .

## G-DAY!

Well, after 3 months residing at BREL I feel it is about time to introduce myself to the readership of the BT.

I am from Cable Makers Australia Pty. Ltd. on secondment to BREL for one year . My accent gives away my German origin but my loyalty belongs to Australia. (When you ask me about the cricket , I am a New South Welchman).

My family and I arrived in August with mixed feelings . However I must say that I settled in fairly quickly into the English Way of doing things . All I had to do was to slow down and think twice before acting! My family , two girls (14 and 16 years old) and a boy (11 years) are gradually integrating into the daily routine of the London (Ealing) way of life . My wife has got used to not going to work and enjoys the leisurely shopping hours and drinking tea while the children are at school . It was hard for the children at school initially, now , however they have got used to their teachers' different accents and are doing fine -catching up with English history and local geography .

Of course we feel a bit homesick for the Australian weather and culture , but life is not so bad - we can still get some decent beer and good "tucker"(food) .The cost of living in London is a bit high , though ,and energy bills are taking the spare cash . As far as BREL is concerned , in the few months that I have spent here I have come to realise how much knowledge and experience this facility has . I shall certainly try to absorb as much as possible and spread the word of BREL's achievements on my return.

All in all my first three and a half months in England have been all right . I look at it from this viewpoint :55 million people cannot be all wrong !

I may tell you more about CMA Pty.Ltd and Australia in future issues of the BT .\*

ALFRED J. EIDEN

\* We shall look forward to this -Ed.



# THE ANGUISH LANGUISH - Last issue's competition

We were overwhelmed with the response to last issues bit of fun. It obviously amused one or two of you! For your delectation we reprint the story, in its entirety, together with the best translation of the first section.

The winner triumphed because of two words. All of the entrants provided a good translation; but "shirker cockles" was the real test. Nobody bothered with the title but Anguish Languish is of course THE ENGLISH LANGUAGE. Here is the correct translation.

Once upon a time, there was a little girl who lived with her mother in a little cottage, on the edge of a large, dark, forest. This little girl often wore a pretty little red cloak with a little red hood, and for this reason people called her Little Red Riding Hood. One morning, Little Red Riding Hood's mother called her inside.

"Little Red Riding Hood, here's a little basket with some bread and butter and sugar cookies. Take this little basket to the cottage of your grand-mother who lives on the other side of the forest. Shake a leg. Don't stop along the road. Don't stop and pick flowers. Don't dilly dally in the forest, and under no circumstances, don't stop and talk with strangers."

Wants pawn term, dare worsted  
ladle gull hoe lift wetter murder inner  
ladle cordage, honour itch offer lodge,  
dock, florist. Disk ladle gull orphan  
worry putty ladle rat cluck wetter ladle rat  
hut, an fur disk raisin pimple colder  
Ladle Rat Rotten Hut. Wan moaning,  
Ladle Rat Rotten Hut's murder colder  
inset.

"Ladle Rot Rotten Hut, heresy  
ladle basking winsome burden barter an  
shirker cockles. Tick disk ladle basking  
tutor cordage offer groin-murder hoe lifts  
honor udder site offer florist. Shaker  
lake! Dun stopper laundry wrote! Dun  
stopper peck floors! Dun daily-doiily  
inner florist, an yonder nor sorghum-  
stanches, dun stopper torque wet  
strainers!"

"Hoe-cake, murder," resplendent  
Ladle Rat Rotten Hut, an tickle ladle  
basking an stuttered oft.

Honor wrote tutor cordage offer  
groin-murder, Ladle Rat Rotten Hut  
mitten anomalous woof.

"Wail, wail, wail!" set disk  
wicket woof, "Evanescent Ladle Rat

Rotten Hut! Wares are putty ladle gull  
goring wizard ladle basking?"

"Armour goring tumour groin-  
murder's." reprisal ladle gull. "Grammar's  
seeking bet. Armour ticking arson  
burden barter an shirker cockles."

"O hoe! Heifer gnats woke,"  
setter wicket woof, butter taught tomb  
shelf: "Oil tickle shirt court tutor cordage  
offer groin-murder. Oil ketchup wetter  
letter, an den - O bore!"

Soda wicket woof tucker shirt  
court, an whinny retched a cordage offer  
groin-murder, picked inner windrow, an  
sore debtor pore oil worming worse lion  
inner bet. Inner flesh, disk abdominal  
woof lipped honour bet, paunched honour  
oil worming, an garbled erupt. Den disk  
ratchet ammonol pot honor groin-  
murder's nut cup an gnat-gun, any curdled  
ope inner bet.

Inner ladle wile, Ladle Rat Rotten  
Hut a raft attar cordage an ranker dough  
ball. "Come ink, sweat hard,"  
setter wicket woof, disgracing is verse.

Ladle Rat Rotten Hut entity bet  
rum, an stud buyer groin-murder's bet.

Suggestions for the origin of this little wonder were inventive, but all wide of the mark. Mike Hagger spotted the transatlantic twist, betrayed by "shirker cockles". Pete Walton thought that it read well with a Swedish accent, while Aoibhean Doran thought it was by a drunkard. Ray Slaughter came close with Rex Harrison's PhD thesis and Rob Corne touched on the theme when he suggested a wartime code.

In fact it was written by a Professor Howard L. Chace at the University of Miami, just as rationing had begun because of the second world war. Worried about the effect of having a ration set upon the language, he decided to try writing as if half of our vocabulary was no longer available. Teaching French, our professor was keen to show the importance of intonation in learning a foreign language.

The piece gained a cult following resulting eventually in a book published in 1955 under the title *Anguish Languish*, now sadly out of print.

And now - The story in its entirety.  
No prizes for completing the translation this time!

"O Grammar!" crater ladle gull  
historically. "Water bag icer gut! A  
nervous sausage bag ice!"

"Battered lucky chew whiff, sweat  
hard," setter bloat-Thursdays woof, wetter  
wicket small honors phase.

"O Grammar, water bag noise! A  
nervous sore suture anomalous  
prognosis!"

"Battered small your whiff,  
doling," whiskered sole woof, ants  
mouse worse waddling.

"O Grammar, water bag mouser  
gut! A nervous sore suture bag mouse!"

Daze worry on-forger-nut ladle  
gull's lest warts. Oil offer sodden,  
caking offer carvers an sprinkling otter  
bet, disk hoard-hoarded woof lipped own  
pore Ladle Rat Rotten Hut an garbled  
erupt.

MURAL: Yonder nor sorghum  
stanches shut ladle gulls stopper torque  
wet strainers.

Oh yes! The winner  
was ...Peter Walton.  
CONGRATULATIONS!

# What the Press say

THE INDEPENDENT Friday 7 November 1986

ELECTRONICS & POWER NOVEMBER/DECEMBER 1986 777

## NEWS

### Engineering Tomorrow's World

An exhibition illustrating the diverse range of innovative engineering and development work being carried out by BICC in fields ranging from optical-fibre technology, low smoke and fume cables, energy management and control to advanced wind turbines opened recently at the Design Council's Innovation Centre. BICC has worldwide operations in construction and in the manufacture of cables and electrical and electronic components. Its success depends on the constant development of new technology, and it is therefore appropriate that the company should display many of the latest technological developments to the lay public at an exhibition entitled 'Engineering Tomorrow's World' at the Innovation Centre, sited within the Design Centre in the Haymarket, which is celebrating its first anniversary as the showcase for the best new ideas being developed by British industry.

BICC is a pioneer and leader in optical cable technology, a major factor in today's rapid advance in communication technology. The exhibition shows the benefits of using optical-fibre cable and the new opportunities it offers. Opticom, an optical cable link allows voice, data and video signals to be transmitted via a single optical fibre finer than a human hair. Isolan, a local-area-network system, allows computers from different manufacturers to communicate and share peripheral equipment such as printers. Clem an unmanned cable laying and embedding machine developed specifically to deal with the problem of laying cables in the seabed, uses an optical-fibre link to relay monitoring and sensing information to a cable-laying barge on the surface.

The need to create a safer home and working environment has led to a continuous programme of development work by BICC. A range of low smoke and fume cables is rapidly replacing traditional PVC cables in hospitals, tunnels, underground railway stations and other areas where the public is at risk from fire, smoke and fumes emitted by PVC cables. Linear heat-sensor cable



Advanced wind turbine developed by Kingston Polytechnic with support from Balfour Beatty Power Construction, a BICC company

detects fire at an early stage and triggers fire alarms. A residual-current device used in homes, schools, offices and factories protects people from electric shocks by detecting earth leakages and immediately breaking the electrical current.

In the early 1970s as the need to conserve energy was increasingly recognised, BICC started researching into energy management and now offers systems for the computer control and monitoring of lighting, heating and air conditioning, all designed to reduce energy consumption and improve environmental control.

Looking to the future, a model of a prototype advanced wind turbine shows how energy can be extracted from the wind and converted to usable power such as electricity. Research indicates that if just 1% of wind energy was used it would provide enough energy for the needs of the world.

### BICC misses plum offer

BICC shareholders, take up your pens, pick up your 'phones, and complain. Your board has cut you out of one of the best new issues of the year.

London & Metropolitan has been a joint subsidiary of BICC and London & Edinburgh Trust and is being floated. It is a fast growing property development group with control of many plum schemes, including the redevelopment of Whiteleys, the Queensway department store in London and a big slice of the Ropemaker Place scheme in the City.

Under the offer for sale, LET shareholders are allocated 5 per cent of the issue. BICC shareholders could have had the same, but the BICC board felt there were too many of them to make the offer worthwhile. With devastating lack of logic, BICC also suggested that LET shareholders were already investors in a property company, so would presumably be more keen than BICC shareholders on backing another. BICC even expressed "some concern" about appearing to back a property company — even though they owned one.

BICC shareholders can, of course, apply for shares on the same basis as Joe Public.

London & Metropolitan is a member of the club of developer traders which identify sites, organise planning, find funding, tenants and builders and sell complete property investments to institutions. Until such companies reach a particular size profits can be lumpy, reflecting the disposal of big developments. But under LET's influence, London & Metropolitan has learnt to manage its profits flow to perfection, and this year forecasts an increase from £3.8m to £5.6m before tax. Next year, the target must be £7m.

The shares at 145p are on offer at 12.3 times current year earnings with masses of growth in front of them. There's room for a 25p premium. Go for it.

*Have YOU seen any articles in the press? If you have, cut them out and drop them in the mail to the Editor Bush Telegraph*

# Causing a revolution in the home

IT WAS Sir William Barlow, then chairman of the Post Office, that gave the nod in the late 70s for the first move into optical fibres for the British telephone network. Now he is the chairman of one of the most respected optical fibre companies in the world.

As the demand for the traditional cables flounders, as industries like oil, mining and railways suffer their own economic set-backs, demands for optical fibres for telecommunications continue to grow. And according to Barlow it is his old company British Telecom that is pushing the market ahead.

"BT has been quick to put optical fibres in both the trunk and junction networks. They're going at it harder than anyone else — I travel across the world and see what's happening in other countries, so I can say that."

Barlow reckons that optical fibres will soon make their way into the local network as well. "The prize ahead for manufacturers is the subscriber loop. When BT finds it economical to go ahead with that there will be a very big market for suppliers there."

The manufacturer will not be the only one to benefit. The consumer will get a whole range of new services — "It's going to be a revolution for the home," he predicts.

Although BT has stated that, initially at least, it will be looking at 8Mbit/s systems for the local loop, Barlow reckons that by the time BT goes ahead they will have decided to go for higher speed circuits. Some carriers in the US, for example, are looking at 256Mbit/s circuits for the local loop.

BICC has got its feet firmly fixed in two camps when it comes to optical fibre. First, it has a 50 per cent stake in the Deeside-based company Optical Fibres, with Corning —



Sir William Barlow: "What happens in communications is that if you put in more capacity, then more people will use it — it's super! The cheaper voice circuits become the more people will use them."

which makes everything from Pyrex dishes to optical glass — holding the other half share. Talks between Corning and BICC about the plant began as long ago as 1977, but the facility started operations in 1983. It uses the Corning method of vapour axial deposition to make the fibres, which, claims Barlow, "seems to be more popular than other technologies with PT&Ts".

When it comes to turning the fibre into cable BICC is also moving ahead of the rest of the field. Next spring a brand new optical fibre cable plant will be opened at Whiston, near Liverpool. Traditionally Whiston was one of BICC's two major copper cable plants, but as demand for cable changed so too did the plant's function — and its head count.

Five hundred jobs went there with the closure of the copper cable plant, although some of those will be recouped when the optical fibre cable making plant churns into production. "It's only fair to put the new job opportunities where the old factory was," says Barlow.

The other BICC installation at Blackley near Manchester still continues to produce copper cables for telecoms. "We

can now claim we've got the most efficient copper cable plant in the world," says Barlow of Blackley. A robotised production line is now in operation there, and the facility is now producing more cables on its own than Blackley and Whiston used to produce together. Blackley is also producing optical fibre cables

date with active component suppliers is with Plessey, but Barlow insists that is not an exclusive arrangement, nor will it be affected by the proposed technology link-up between Plessey and Ericsson on the next generation of optical fibre equipment.

At this time there's a sort of willingness to work together

## Della Bradshaw in conversation with BICC chairman Sir William Barlow

while the new plant at Whiston is being fitted out.

One part of the optical fibre business which BICC does not intend to get into, however, is active components. "We haven't so far thought we could carve a niche for ourselves there," according to Barlow. "What we're endeavouring to do with BICC is improve profits. So we're concentrating on areas where we have professional skills in depth, and that's in any kinds of cable. We intend to be leaders internationally in the design and development of cables.

BICC's strongest link to

among the component manufacturers in fibre optics. Everyone is wary of putting money into something that might not be the right solution."

But BICC's technology division in Wood Lane, West London, has developed the passive components for BICC's optical fibre systems. "We have set ourselves up to provide passive components, and we intend to get ourselves ahead with those in our new factory," says Barlow. "We've been very interested to see how BT and Du Pont have joined up in this area."

Although the price of the optical fibres themselves have come down quite dramatically over recent years, the cost of the transmitting equipment is still relatively high. "My guess is that fibre optic cable will become attractive in terms of cost well before transmitting equipment. At the moment copper is still cheaper for single circuits, but the crossover will come in the next five years. The more that's ordered the cheaper it gets — it's a chicken and egg situation."

Because of the reduction in price of fibre optic cables, the income from telecoms cable will dip as well — "it doesn't notch up money the way copper used to do," as Barlow puts it. "It's a relatively small business." But does BICC's success in optical fibres mean a company like GEC might put it on its lists of prospective takeover candidates, now Plessey is no longer in its reach?

"I can't divine what GEC would do, but I think they'd have problems taking over a £2,000m company. The thing with switching is that it's about a finite number of exchanges and huge development costs. So Plessey and GEC have come to the view that two companies is too many, and I think that's right. Cables is much more a com-

## Cable TV problems

modity product — there's an endless need for cable."

As well as BT in the UK and Mercury — "we've had some big orders from Mercury" — Barlow says, "everywhere except the third world," is the current market for BICC's optical fibre cables. Twenty-eight per cent of all BICC's cables are exported, "and we'd want to do at least that on optical fibre." BICC is also hoping to sell fibre to STC for installation on the first fibre transatlantic cable, TAT-8.

But is there not a chance that the fibre market will become a finite one, like switching? "What happens in communications is that if you put in more capacity, then more people will use it — it's super! The cheaper voice circuits become, the more people use them. If it doesn't get used right away a bit of marketing will get it used."

One area where Barlow's optimism has not paid off, however, is in the cable TV business — he is the first to admit that he has been "very disappointed" with the take-off, or lack of it. "The British public don't want it — they've all got video tape recorders. Cable TV operators are going to have a lot of problems selling entertainment at £30 a month."

BICC already has minor shareholdings in two cable TV operators, in Croydon and Glasgow, but according to Barlow has no intention of getting into operating cable TV, unlike GEC. "It's not part of our skills. We're going to concentrate on our core business. We believe that will become increasingly profitable."

## Barlow stresses role of young in electrical industry

Sir William Barlow, chairman of cables, construction and components group BICC, sees himself as a man with a mission as the new president of the electrotechnical trade association Beama. He succeeds Eddie Sims, who held office for 18 months.

Sir William says he has a



*Barlow: a need to find younger people, he says.*

mission to preach the importance of the electrical industry to the Government and customers at home and abroad. "The economic importance of this industry is fundamental to the nation's well being and it should never be under-estimated.

"We want to create new business opportunities for regeneration of the well established core industries, such as are embodied in the electrotechnical industry.

"We must attract the younger generation. If we fail to inspire the best quality of young men and women to want to join the electrotechnical industry, there will be no one to lead us tomorrow," he says.

Sir William has been in the industry since he was a young man. He has a first class degree in electrical engineering from Manchester University. And when aged 23, joined The English Electric Company, where he spent the next 21 years.

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## Shocking state of British research & development

British industry should be in a state of shock that overseas organisations are buying more British R&D than UK companies in key areas of technology, according to Sir Ieuan Maddock, chairman of Sira Ltd., a leading independent R&D company. Sir Ieuan announced at Sira's annual general meeting recently that, despite adverse trading conditions in a number of sectors, Sira's exports had increased from 20% to 61% over the past few years of turnover in the research and development division and that Sira Group's turnover had risen by 9% to a total of £6.6 million. Main overseas buyers of the company's expertise and equipment were the USA, China, Norway, Denmark, Belgium, the Netherlands, Germany, Yugoslavia and India.

Sira's managing director Terry Flanagan said that it is disturbing to realise that without this significant increase in exports Sira's R&D output would actually be relatively static, not out of line with the experience of other research and technology organisations in the independent sector. "We would be following the UK trend in civil R&D, which, as a proportion of GNP, is smaller than many of those of our major overseas competitors, and becoming yet smaller", he said. "This does not only apply to government expenditure on civil R&D (universities, government laboratories, government grants to industry), but also to industry's own R&D expenditure. It is of little use industry complaining of government cuts in R&D if industry itself does not set a national example".

# WHEN WAS THE LAST TIME YOU SAW A FAT ATHLETE?

After reading about the boys taking part in the triathlon in the last edition of the BT - one may have either admired them or thought that they were positively mad (or both!) Lots of us here at Wood Lane take part in regular exercise, and then lots of us don't (well - not the acceptable sort!!)

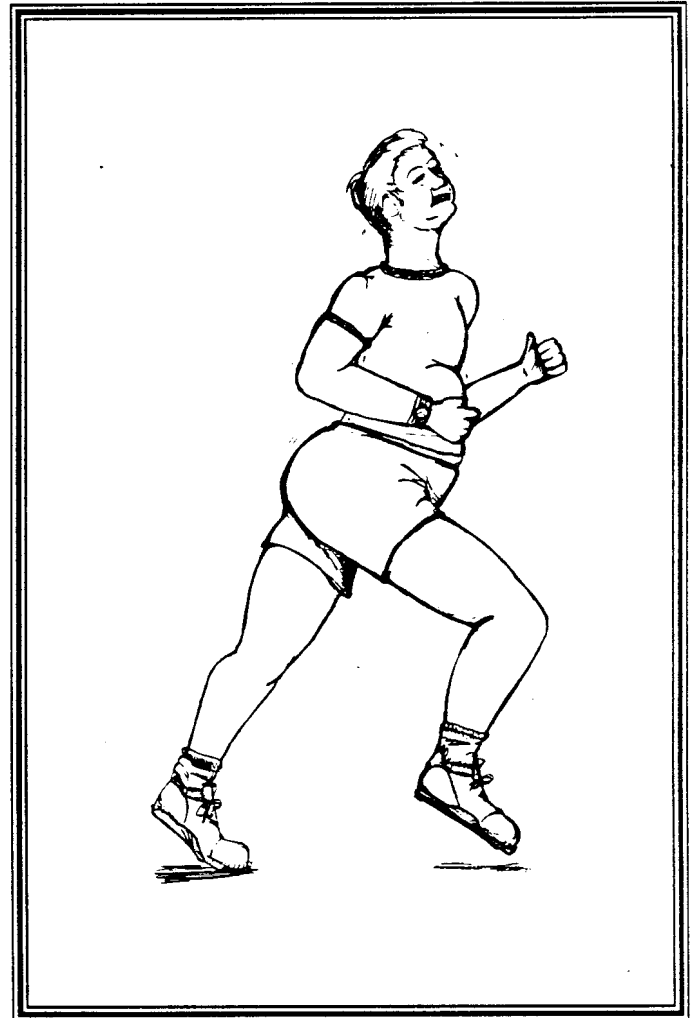
When next sitting in the canteen - can you honestly spot those athletic types amongst us? Who has the "body beautiful" at BICC?

We are told that an exercise programme can be good for us in so many ways. By burning up calories, you will trim down your figure, it is a good relaxant, and it will improve your coronary/cardiovascular condition (I always thought a good "grop" could do the same!)

The latest "authorities" on the subject of exercise tell us that the key word is moderation. (The olympic team can do without most of us!) If you are into jogging - then 20 minutes 4 times a week is great; dance/aerobics - 30 minutes 4 times a week; walking - 45 minutes 5 times a week is fine.

## Can you afford not to exercise?

Exercise not only burns off calories as you are doing it, but improves your metabolic rate so that even whilst resting you burn up calories at a greater rate. Whilst inactive, a person is only using a fraction of their lung capacity - whilst active people use a far higher percentage (I can think of one or two examples!!) Apparently those of us who exercise regularly have a greater chance of kicking the old smoking habit and are less likely to indulge, certainly around periods of



activity! Of course, it is far more effective and cheaper to maintain good health, than to regain it once lost.

So can you afford not to exercise? Your health is so important and with just a little effort you can improve the way you look and feel (not always at the same time!)

The Body Beautiful - it's those of us with the good circulation giving us a healthy complexion, shiny hair and sparkling eyes (the best time NOT to seek those of us in this category out is on a Monday morning - we are still recovering from the hard weekend of sport!)

*By A.FitPerson*

# SPONSORS WANTED

## READING - BRISTOL SPONSORED X-MAS WALK

Bob Harnor and Chris Willson will be walking along the Kennet-Avon Canal from Reading to Bristol for two charities over the Christmas holidays. The total distance is 90 miles (not allowing for pub visits).

Your support would be appreciated. If anyone wishes to sponsor them would they please contact them on Ext. 364 or call in M314.

The charities concerned are :

SOS CHILDREN'S VILLAGES

BRITISH HEART FOUNDATION

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**BOB HARNOR AND CHRIS WILLSON**

**SPONSORED WALK FOR:**

**BRITISH HEART FOUNDATION (BHF)  
SOS CHILDRENS VILLAGES (SOS)**

**READING - BRISTOL (KENNET - AVON CANAL) 90 MILES**

NAME	ADDRESS	CHARITY	AMOUNT

# WEIGHT TRAINING/KEEP FIT CLUB

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It is proposed that a WEIGHT TRAINING/KEEP FIT SOCIETY be started shortly as a section of the BREL Social Club . Anyone interested in attending or who could help provide equipment please contact Paul Naylor (ext. 441) .

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## SOCCKER

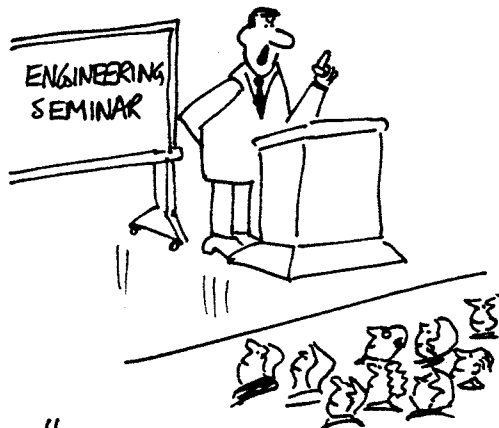
If anyone who did not attend the football section meeting is interested in playing 11-a-side football (probably on a Sunday) will they please contact me on Ext.364.

It is hoped that a number of "friendly" games will be arranged this this season , so if anyone knows of a team looking for a game will they contact me .

Chris Willson

## LATE NEWS

Polymers have won the Interdepartmental 5-a-Side Competition. Full details in the next edition of the BT .



"30% of today's graduates can't do a simple arithmetic problem, and the other 80% are in need of improvement!"

# THE FILM COLUMN

The Film Society has had a low profile of late due to the pressure of work; few columns have been written for the B T, film advertisements have come out late. Notwithstanding that, the 1986-7 Film Season got off to a good start with 58 attendees at the opening show on October 23, TOOTSIE.

Apart from another well-received Soirée (many thanks to all contributors, the standard was again excellent), the night was marked by the inclusion of both a raffle and the Film Society Competition.

The raffle, introduced for the first time because of heavy projector repair bills, was won by Ian Fordham (a bottle of Scotch).

The Film Competition, compiled by Howard Spenser ("Film Buff of the Year 1986") and subsequently converted to a multiple answer format (few of the Committee got far with the questionnaire in its original form, but our thanks to Howard all the same), was won outright by Julia Howell. Appropriately Julia's prize was a free dinner-for-two at any of the "TOOTSIE" restaurants in London. The modified questionnaire has been included for your amusement over Christmas - see if you can beat Julia's score of 27, even if you have tried once before ! (the answers are provided, separately).

The second film, MIDNIGHT EXPRESS, still brought in 38 people on a day that was extremely sad for all concerned. The sombre tone of the film excellently made, was appropriate for the occasion in a bizarre way; the message that came across was that success can come out of any adversity through perseverance. The Committee thanks all concerned for their support and help in the past and wishes them future success.

## FILMS/VIDEOS TO SEE

Two interesting films to consider :

A ROOM WITH A VIEW : based on the E.M. Forster novel, a romantic story of adolescent love in Victorian times. Spell-binding and beautifully acted by one and all.

THE LAST STARFIGHTER : The original "Space Invader" machines have developed in sophistication over the years. What if the latest one is not solely for amusement but to detect potential starfighters; how would you react to this notion ? See this inventive and amusing film to find out.



1 Archie Leach became a Hollywood Star. He made four Hitchcock films - Name them

- Indiscreet
  - Notorious
  - Rebecca
  - Suspicion
  - North by North West.
  - Spellbound
  - Cat on a Hot Tin Roof
  - To Catch a Thief
- (Select 4)

EXTRA POINT for Archie Leach's stage name .....

2 Name two actors who have played Oscar Wilde on film

- Michael Wilding
  - Peter Finch
  - Robert Morley
  - John Hurt
  - Peter Ustinov
  - Albert Finney
- (Select 2)

3 In which films did a distinguished black actor

- a) become engaged to the daughter of Tracy Hepburn
- Sweet Charity
  - Salt and Pepper
  - Guess Who's Coming to dinner?
- (Select 1)
- b) play Virgil Tibbs
- Oceans Eleven
  - Robin and the Seven Hoods
  - In the Heat of the Night
- (Select 1)

EXTRA POINT for the name of the actor .....

4 Agatha Christie's Miss Marple was made famous on film by which British Actress?

- Margaret Rutherford
  - Margaret Leighton
  - Flora Robson
- (Select 1)

5 Gloria Grahame had hot coffee thrown in her face by which actor?

- Lee Marvin
  - James Cagney
  - George Raft
- (Select 1)

EXTRA POINT for the name of the film .....

6 An elaborate confidence trick was the subject of this film. Name it.

- The Italian Job
  - The Sting
  - The Thomas Crown Affair
- (Select 1)

EXTRA POINT for the name of the film's two stars

7 "Annie Get Your Gun" starred Betty Hutton. Who did she replace?

- Betty Grable
  - Doris Day
  - Judy Garland
- (Select 1)

8 Peter Lorre had a much larger and equally famous partner in many films. Who was he?

- Sydney Greenstreet,
  - Claude Rains
  - Humphrey Bogart
- (Select 1)

9 Charles Laughton directed what is now a cult film. What was it's title?

- The Barrett's of Wimpole Street
  - The Night of the Hunter
  - Hobson's Choice
- (Select 1)

EXTRA POINT for naming it's star .....

10 Sissy Spaceck won an Oscar portraying a famous country singer. Name the Film.

- Nashville
  - The Ballad of Josie
  - Coalminer's Daughter
- (Select 1)

11 Elliott Gould and Donald Sutherland starred in a film which led to a successful T.V. Series. What film?

- The Muppet Movie
  - S.P.Y.S
  - M.A.S.H
- (Select 1)

12 Alan Ladd and Richard Widmark both played Jim Bowie. Name the Films.

- Alan Ladd:
- Jim Bowie
  - The Iron Mistres
  - Star Spangled Banner
- (Select 1)
- Richard Widmark:
- How the West was Won
  - The Alamo
  - Two Rode Together
- (Select 1)

13 Who played the title Roles in

- a) Genevieve
  - b) Edward my Son
  - c) The Blue Angel
- (Circle 1)
- a) Kenneth Moore, Kay Kendall, no-one
  - b) Ralph Richardson, John Mills, no-one
  - c) Marlene Dietrich, Greta Garbo, no-one
- (Circle 1)

14 What is Rocky's surname?

- Marciano
  - Balboa
  - Rambo
- (Select 1)

15 Who was "The Woman in the Window"?

- Kim Novak
  - Jean Harlow
  - Joan Bennett
- (Select 1)

EXTRA POINT for naming the director .....

16 What was "Man's Favourite Sport?"

- Golfing
  - Fishing
  - Rugby League
- (Select 1)

17 In which film did James Dean play the son of "Mr Magoo"?

- East of Eden
  - Giant
  - Rebel Without a Cause
- (Select 1)

18 Who were the the real life married couples in the following:

- a) The Illustrated Man
  - b) The Fourposter
  - c) Since You Went Away
- (Select 1)
- a) Rod Steiger/ CLAUDE SUMNER
  - Elizabeth Taylor/Michael Todd
  - Robert Walker/Jennifer Jones
- (Select 1)
- b) Rex Harrison/Lilli Palmer,
  - Elizabeth Taylor/Michael Todd
  - Elizabeth Taylor/Richard Burton
- (Select 1)
- c) Robert Wagner/Jennifer Jones
  - Robert Walker/Jennifer Jones.
  - Elizabeth Taylor/Richard Burton
- (Select 1)

19 Where was "A Bridge Too Far"?

- Remagen
  - Arnhem
  - San Luis Rey
- (Select 1)

20 Who played the famous people in the following "Stories"?

- a) The Jolson Story
  - b) The Story of Dr Wassell
  - c) The Story of Will Rogers
- (Select 1)
- a) Larry Parks
  - Al Jolson
  - James Stewart
- (Select 1)
- b) Gregory Peck
  - Gary Cooper
  - Charlton Heston
- (Select 1)
- c) Will Rogers Jnr
  - Will Rogers
  - Will Hay
- (Select 1)

Cary Grant -	1
Notorious Suspicion To Catch a Thief North by North West	
Peter Finch and Robert Morley	2
a) Guess Who's Coming to dinner? b) In the Heat of the Night	3
Margaret Rutherford	4
Lee Marvin in the Big Heat	5
The Sting - Paul Newman and Robert Redford	6
Judy Garland	7
Sydney Greenstreet	8
The Night of the Hunter - Robert Mitchum	9
Coalminer's Daughter - Loretta Lynn	10
M.A.S.H.	11
The Iron Mistress, The Alamo	12
Nobody	13
Balboa	14
Joan Bennett - Fritz Lang	15
Fishing	16
Rebel Without a Cause - Jim Bayers	17
a) Rod Steiger - Clarie Bloom b) Rex Harrison - Lilli Palmer c) Robert Wagner - Jennifer Jones	18
Arnhem	19
a) Larry Parks b) Gary Cooper c) Will Rogers Jr	20

# PHOTOGRAPHIC SECTION

## **EQUIPMENT**

The Photographic Section of the Social Club has had a fairly good year, with the purchase of several new items of equipment for hire to club members.

## **FILM**

Film sales have continued at a high level, despite the recent difficulties in obtaining certain recently introduced Fuji films (as regular customers will already know). Hopefully, by the time this issue of the Bush Telegraph is published we will have full stocks of all our usual films. A list of film prices is given below.

### KODAK

VR100 "GOLD", 35mm 36 exp 2.70

VR200 "GOLD", 35mm 36 exp 2.90

VR400 , 35mm 36 exp 3.25

### ILFORD

HR 100 , 35mm 36 exp 1.70

HR 200 , 35mm 35 exp 1.80

### FUJI

HR 100 , 35mm 24 exp 1.75  
36 exp 2.35

HR 400 , 35mm 24 exp 2.25  
36 exp 2.85

### FUJICHROME

RD 100 , 35mm 36 exp 4.95

RH 400 , 35mm 36 exp 6.45

We also still have available :

Paper negative filing sheets 5p each

Polyboard self adhesive mounting board 0.5p / sq. inch

## **MAGAZINES**

Our magazine circulation scheme is still continuing, with about twelve regular subscribers. We currently purchase the following monthly publications:

Creative Photography  
SLR Photography  
Photography  
Practical Photography

New members are always welcome - the shared cost of all the magazines is 50p per month.

## **BREL "PHOTOGRAPHER OF THE YEAR"**

We hope to hold our (almost) annual Photographic competition in May or June 1987. Full details and prize categories will be announced in the next edition of the Bush Telegraph - but we expect the general format to be the same as this year

i.e. Four specified prize categories plus a general exhibition section.

FOR FURTHER INFORMATION ON ANY OF THE ABOVE

CONTACT IAN FORDHAM ( x 337 )

**EQUIPMENT AVAILABLE FOR HIRE**

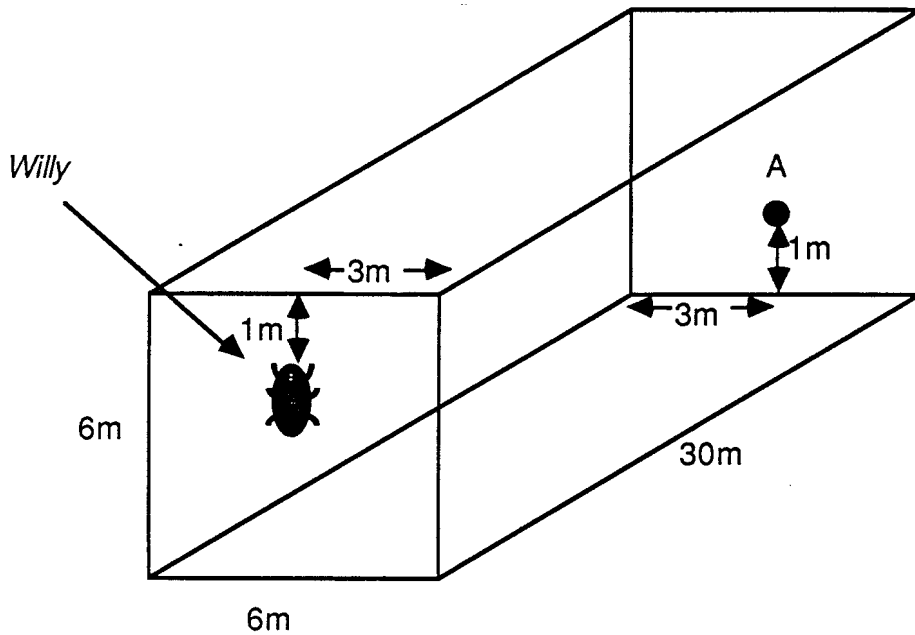
CAMERAS	HIRE CHARGE
Pentax MX + 50mm F1.7 lens. High quality SLR camera. Manual operation. K bayonet lens mount.	100p
Cosina CT1G + 50mm F2 lens. Manual operation. K bayonet lens mount	50p
Praktica LTL + 50mm lens. No built in light meter. M42 screw thread mount.	25p
Lubitel 168B. Basic 6x6cm twin lens reflex camera. Very limited facilities, but worth trying for the larger negatives/transparencies.	20p
LENSES	
Sigma Synchro II 70-210 F4.5 zoom .K bayonet mount to fit Pentax and Cosina	50p
Tokina 24mm F2.8 wideangle lens. K bayonet as above.	50p
Tamron 28-70 F3.5/4.5 zoom. Accepts interchangeable mounts for any SLR camera .We have a Pentax K fitting.	75p
Slide Copier. M42 screw mount.	15p
Vivitar extension tubes. Set of three tubes for close-up/macro photography. K bayonet mount.	30p
FLASHGUNS	
Vivitar 283 automatic thyristor flashgun. Four automatic power settings + manual. Extension synchronisation lead and remote sensor. Very versatile.	25p
Rank E310 compact manual only flashgun.	10p
Rechargeable batteries for the above	15p (per hiring)
Shepherd XE88 Flash Meter	30p
Flash umbrella - a white umbrella with flashgun socket. Bounce flash into umbrella for softer more diffuse lighting.	5p
FILTERS	
Square filter system with holders and adaptor rings to fit most lenses:	10p per filter
Filters- Polarising Neutral Density(2 stops) Daylight to Tungsten conversion Graduated Neutral Density Soft Focus Fog Effect Plus other special effects filters	
Adaptor Rings- 49mm(x2), 52mm(x2), 58mm, 67mm. Holders-2	
DARKROOM EQUIPMENT	
Gnome black and white enlarger. Rather elderly but perfectly functional. Will take all film sizes from 35mm to 6x7cm. 50mm and 80mm lenses available.	50p
Paper easel - accepts paper up to 12x16 inches	10p
Developing tank - 35mm and 120 size	5p
Focus finder	5p
Developing dishes(12x16 inches)	5p
35mm contact printer	10p
Developing drum for colour prints	5p
All chemicals and other equipment for black and white developing and printing can be available, given a little advance notice.	
MISCELLANEOUS	
Tripod - fairly sturdy, extends to about 60 inches	15p
Projector - Agfa semi-automatic 35mm	25p
Screen - 40x40 inches. Wall hanging or free standing	15p
Miscellaneous tungsten lights, stands etc.	FREE

**NOTE**

1. All hirings to non-members of the social club are subject to a 50% surcharge.
2. All hirers are responsible for any loss or damage.

# LET'S GET QUIZZICAL

## Mathematical Posers No. 1



Willy, the cockroach, has spotted something that has taken his fancy at position A in the room pictured above.

- 1) What is the shortest route he can take in order to satisfy his desires?
- 2) What has he spotted and what is he going to do with it?

### WORD PICTURES

'Word Pictures' is a way of writing a certain word, so that the 'picture' so-made illustrates the meaning of the word, or the way it is said, etc.

In the space below are examples of suggested word pictures; some of these were noted in a recent 'Readers' Digest' publication and some are originals.

We invite readers of 'B.T.' to try their hands at composing their own word pictures, which they should submit to the Editorial panel. A small prize will be presented to the person whose entry is considered to be the most appropriate and amusing.

exercise

eyewitness

LA  
P D  
E D  
T E  
S R

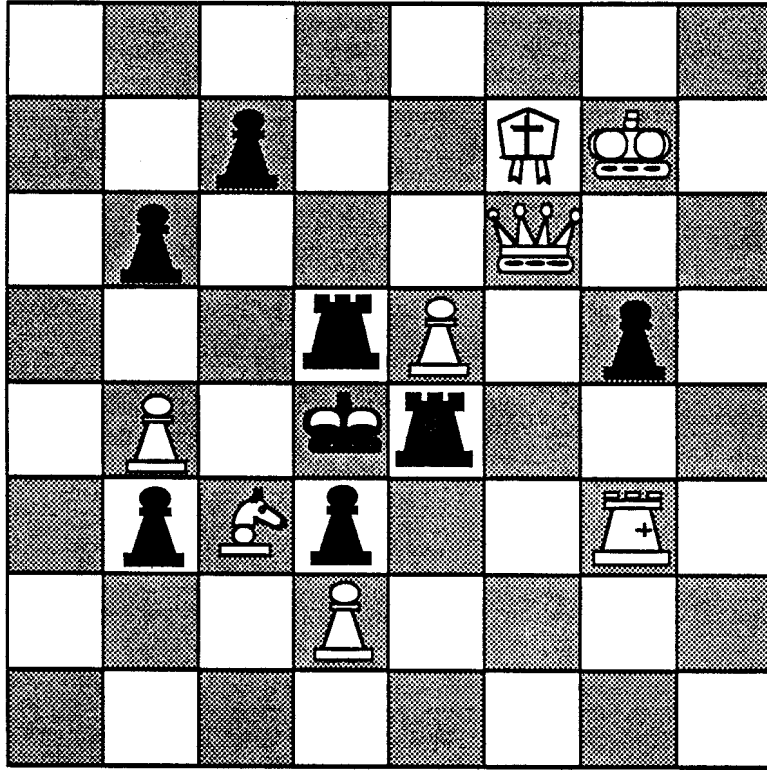
MIRROR

CRICKET

REPETITITITION

QUICKLAND

# CHESS



Forsyth notation:

8/2p2BK1/lp3Q2/3rP1p1/1P1kr3/1pNp2R1/3P4/8/

Problem : White mates in 2 against any defence (white to move)

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## CHESS TOURNAMENT

*Is there anyone interested in an interdepartmental Chess Tournament?  
Mathematics can raise a team ( of 4 ) and are prepared to play against any  
opposition from other departments .*

**ANY TAKERS????**

# LEADERGRAM

Compiled by Geoff Holder.

This type of puzzle used to appear in a long-defunct magazine, calling itself (of course) THE LEADER. For those of you who have not met this particular beast before, here's how to set about taming it.

First, solve some of the crossword-style clues and fill in your answers in the panel opposite. Then transfer the individual letters to the square below, according to the numbers in the panel. Soon you will be able to see what some of the words in the square must be, so these can be filled in and the individual letters transferred to the panel, helping to solve more clues, like the ACROSS and DOWN in an ordinary crossword. When completed, the first column of letters in the panel forms the name of an author and the title of one of his works, and the square below will contain a short passage from that work. (No punctuation, the words being separated by black squares only, and some words running from the end of one line to the beginning of the next).

Send your completed LEADERGRAM to reach Geoff Holder (Polymer Processes) not later than Friday, 9 January 1987, when the sender of the first all-correct solution to be drawn from among those received will be awarded a prize of £5. (If sufficient entries are received, consolation prizes may also be awarded, at the Editor's discretion).

1	E	L	A	P	I	S	C	H		N	K		R	I	T
	14	R	M	F		L	N	T	K		C	I	B	O	M
26	S	A	T		T	G		Q	P	A	H		C	S	G
38	M	L		R	D	A	I	N		R	A	D		S	A
	50	P	R	F	B	M	Q		C	B		B	M	O	T
62	F	E	R	H	A	S		B	R	K		J		P	T
74	E	D	B	A	J	R	G		B	K	H	L	R		D
87	K		A	D	T	R	I	S	C	O		S		E	C
99	J	B	N		J	I	C	B	R	E	K	D	O		D
112	B	G	H		R	G	I	B	T		T		P	E	T
124	F	S		D	A	T	R		P	M	T	A	H	I	R
137	C	E		K	F	B	P	I	D		C	J		C	J
149	Q	R	G	K	T	B		C	E	T	A		F	C	C
162	H	P	E	G		D	R	F	E		R	L	F		B
174	C	F	A	F	N										

# LEADERGRAM

# CLUES

A	133	153	42	66	88	46	3	27	33	176	77	49	127							"A study of family portraits is enough to convert a man to the doctrine of _____" (Sir A. Conan Doyle, "Five Orange Pips")(13)
B	173	105	164	154	68	112	57	53	81	118	76	100	23	53	141					"Personally I like short words and _____" (W.Churchill, speech, Margate, 1953). (6,9)
C	35	7	147	137	174	21	56	94												Joint set badly, reject it. (8)
D	109	111	144	166	41	75	89	126	86	47										Left the tarmac, not in working order (3,3,4)
E	63	122	97	156	74	1	138	169	107											'Colourless' remark ? (2,7)
F	172	159	62	52	124	177	16	140												George Orwell thought that some had more of it than others. (8)
G	80	151	165	116	113	30	37													No visible means of support ? (3,4)
H	83	134	114	65	162	8	34													Taking-off, girl ends in tears. (7)
I	5	135	43	117	22	103	92	12	143											Clip coat around the back of the head. (9)
J	102	148	71	99	78	146														"Put thy _____ on, Lady Chatterley." (D.H. Lawrence) (6)
K	87	108	139	152	70	82	10	20												Little Timothy gave a start, all shyness and fear. (8)
L	39	171	2	17	84															Among non-British, over-eagerness to get to the front of the queue ? (5)
M	38	131	15	54	59	25														It might have turned the Falklands into the Malvinas. (6)
N	101	44	9	178	18															In which I measure a harmonious sound. (5)
O	24	98	145	60	161	110	95													Applied to Peter, the means of paying Paul. (7)
P	142	175	50	32	130	72	121	168	163	4										Famous Goon food. (6,4)
Q	104	149	155	55	160	31														End of a sentence ? (4,2)
R	115	45	136	170	106	14	64	11	51	129	91	69	85	40	167	79	150			"I keep six honest serving men/They taught me all I knew/Their names are _____ /and How and Where and Who"(Kipling) (4, 3, 3, 3, 4)
S	96	6	36	93	125	26	48	67												By-passing (on the other side ?) (8)
T	19	123	128	120	153	28	132	119	90	157	73	61	13	29						"Not only people in other countries who want to do us in because they're sick of us _____ and you can't blame them at that! but people here in England." (Noel Coward, "This Happy Breed") (6, 3, 5)