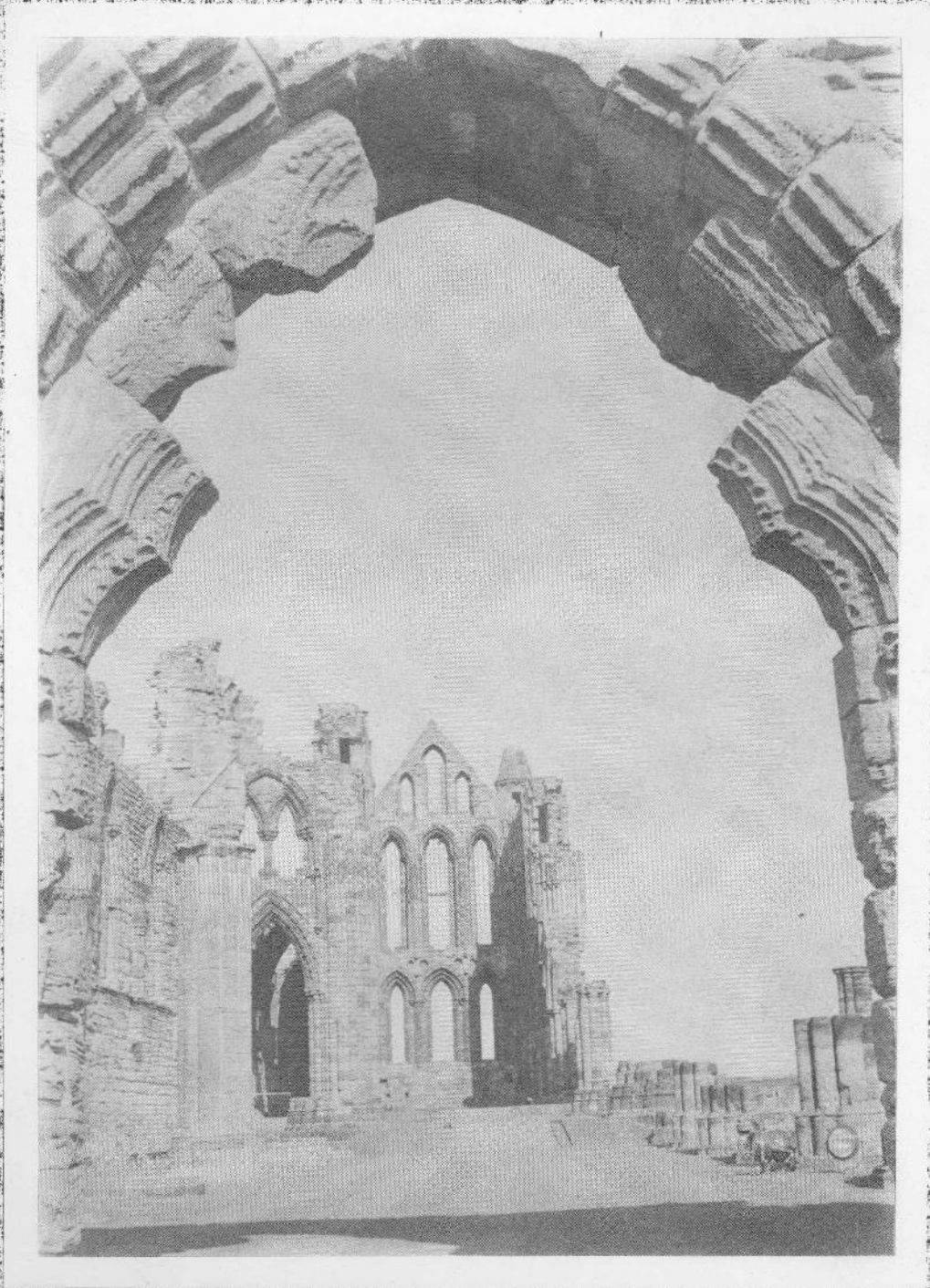


BUSH **oct 1979**
TELEGRAPH



BUSH

vol. 21 no. 11

TELEGRAPH

the magazine of **R&EL** wood lane



Cover

Whitby Abbey

By Denis Groombridge

Editorial Board

- David Green
- Denis Groombridge
- Mike Hagger
- Richard Hammond
- Geoff Holder
- Ann Kirby
- Ted Morrison



Editorial

We would like to take this opportunity to wish our recently departed Manageress Ruth every success in her new role at Bateman's and to welcome Lorraine who is now looking after our gastronomical needs. Perhaps it would be timely to enlighten her about the type of customer she is catering for at Wood Lane. Generally he or she is your average scientific or office staff worker who prides him (or her) self in matters both scientific and/or administrative. However, such persons have surely been baffled in recent months by the strange items, listed on the daily menu board. A gourmet he or she may not be, but the good old fashion chilli con carne and Sauerkraut - foreign though they may be - at least conjure up visions which are translatable and palatable. Surmounting these Common Market Hurdles is no problem but the potential eater is surely now dismayed when confronted with a dish called "Something Wellington!" and then to be assured upon enquiry that it is not defying the trades descriptions act-because it is made like a boot-does not exactly tickle the taste buds. Are they kidding you on - or is it true? Consequently when at a later date the menu boasts such English delicacies as Pig's in Blankets and Savoury Nests one is positively put off from asking what these descriptions represent. The mind boggles! Perhaps the menu should have a potted history of each item - or at least a translation. After all we all know what Spotted Dick and Toad in the Hole are - don't we? Perhaps our readers could submit any strange names of English dishes that they have encountered so that we could publish an "Egg-on Roe" Guide to the Menu!!

Before the canteen staff roast us alive the committee would like to chip in and say that we love them all and appreciate most of their stirring efforts. Well, - we've got to eat haven't we?

P.S. to the Manageress. If all is forgiven most of the editorial board (male section) will pop up for a quick "Quiche-Lorraine"!

Personnel News

Starters Welcome to:-

Mr. K.P. Hadrill who joins us as Assistant Licensing Officer in the Patents Dept.

Mr. N. Lagou who joins us as Craftsman 2 in the Works Engineering Dept.

Mr. D.B. Chaudhari who joins us as Assistant Technical Officer in the Product Engineering Dept.

Mr. M.R. Hamlin who joins us as Assistant Technical Officer in Product Engineering.

Mr. R.A. Price who transfers from BICC Power Cables Wrexham and joins us as Technical Officer in Product Engineering.

Mr. J.A. Cromwell who joins us as a Driver in the Works Engineering Dept.

Miss M. O'Driscoll who joins us as a Typist in the Administration Dept.

Mr. D.C. Dawkins who joins us as Technical Officer in the Mathematics Dept.

Leavers Farewell to:-

Peter Huddart of the Metallurgy Dept. who leaves after 12 years service to take up alternative employment.

Ann Denholm of Administration Dept. who leaves after 5 years service to emigrate to New Zealand with her husband, Vic.

Retirements

Best wishes for a long and happy retirement to Alf Fish of the Physics Department who retires at the end of the month after 43 years service.

Transfers

Dave Garrard, Roger Roberts and Frank Quinn transfer from Works Engineering to Administration.

Long Service Awards

Congratulations, on achieving 20 years service to:-

Ken Edney 2nd November

Ron Hall 16th November

Biccarella

OF COURSE IF I LIKE WHAT I SEE,
I'LL LET HIM WIN A FEW HANDS.



CAUTION: This process uses a caustic jelly. KEEP JELLY AWAY FROM EYES AND MOUTH. IF YOU GET SOME OF THIS JELLY ON YOUR SKIN, WIPE IT OFF IMMEDIATELY. To avoid an alkali burn, quickly wash the area with plenty of water. Keep discarded materials away from children, animals, clothing and furniture.

The History of Electric Wires and Cables

PART 21. INSTABILITY OF BELTED CABLES

By R.M. Black

Up until the outbreak of the first World War, belted type multi-core cables were used successfully for systems voltages up to and including 22 kV and gave very little trouble. It was not until after the war that, with the increased demand for electrical energy, cable voltages were increased to 33 kV. Belted type 3-core cables were adapted for this higher operating voltage simply by increasing the thickness of the insulation proportionately and retaining the maximum stress level at the hitherto accepted safe level of 26 kV/cm. Indeed, manufacturers saw no reason why they should be limited to 33 kV and a number of belted type cables, designed for 66 kV operation, were manufactured and installed on the North East coast around 1923 to 1925. (Figure 1).

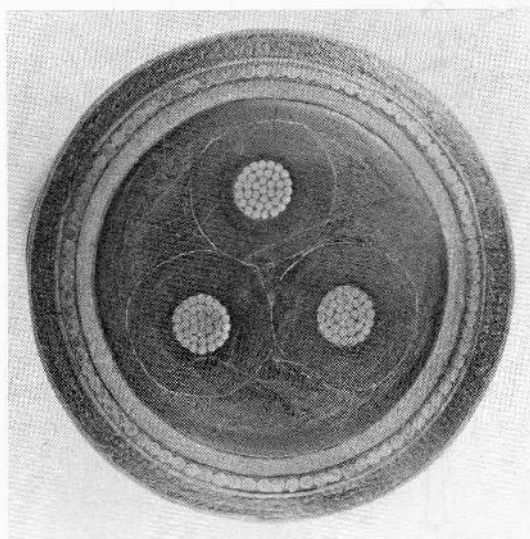
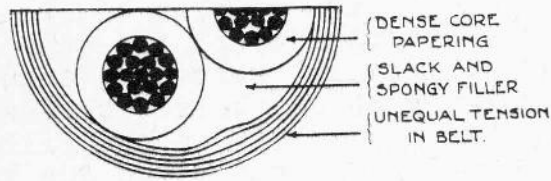


Figure 1

0.15 sq. in. E.H.T. 3-core cable for 66000 volts made by British Insulated and Helsby Cables Ltd., 1923, energised 1924.

It was not long before serious failures and instability occurred in these cables and the cause of this was, unfortunately, not immediately apparent. Some experts thought that these breakdowns were due to a component of the voltage which, as a result of the distorted field associated with three-phase transmission by means of a three-core cable, acted intermittently in a direction tangential to the surfaces of the paper tapes in the cable dielectrics. It was known at that time that the electrical strength of paper in this direction was considerably less than in the radial direction. Others considered that this tangential stress theory, although born out by post mortem dissection of failed cables in that some degree of burning of the outer fillers and surfaces of the individual cores was often apparent, was a secondary rather than a primary phenomenon. There was also the curious immunity of lightly loaded cables of small cross-sectional area. This suggested that the problem was one of high current loading rather than excessive voltage. The trouble lay not so much in tangential stresses as in the mechanical effects of thermal expansion.



1.

2.

TANGENTIAL AND RADIAL COMPONENTS OF STRESS.

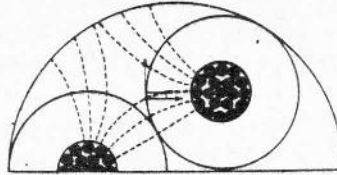
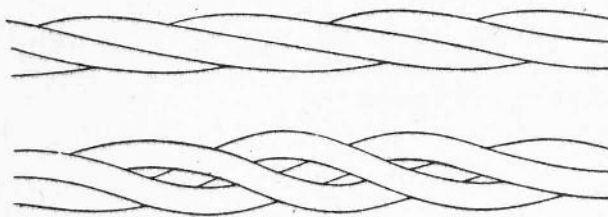


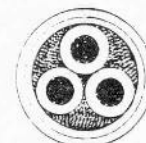
Figure 2

In a three-core cable under normal conditions, irrespective of whether the cores are circular or sector shaped, the cable cores and fillers fit snugly together and are completely impregnated with the compound. When the cable is under load, however, expansion of the conductors occurs and the helically laid-up cores tend to 'bird-cage' or separate. This results in the development of a partially vacuous space in the crutch between the three cores. Discharges initiated at this point, due to the complex stress pattern in the cable, cause a rapid deterioration of the insulation. This leads to charring of the paper and finally, to electrical breakdown.

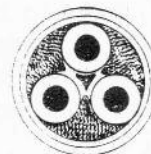
3-CORE CABLE UNDER NORMAL CONDITIONS.



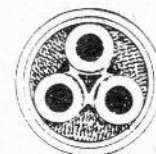
DISPLACEMENT DUE TO THERMAL EXPANSION.



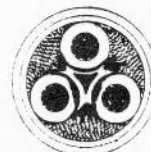
OFF-LOAD.



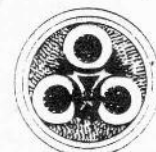
SEPARATION.



DISCHARGE.



CHARRING.



BREAKDOWN.

Figure 3

Figure 4

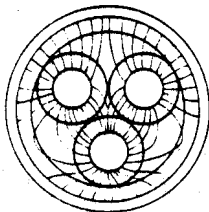
'Breaks' Progress, off-load to breakdown.

Other design features of the cable, not appreciated before this time, also contributed to the instability. The non-uniformity of the core make up before the application of the belt papers, particularly in the case of circular cores in which the paper fillers and wormings, though electrically sound and fully impregnated, tended to vary in compactness, the cores being more compact than the fillers. The belt insulation tended to vary in tension due to this variation in compactness of the underlying cores and fillers. The stress distribution in the cable due to the voltages on the three cores being out of phase with each other was non-uniform and, as mentioned above, this resulted in field stresses tangential to the surface of the insulating paper. The electric strength in the direction tangential to the surface is only about one tenth of that in the radial direction.

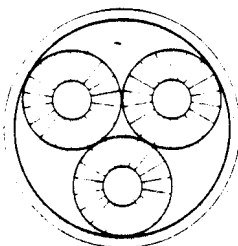
These tangential stresses could result in localized discharges or ionization which, combined with local discharges in any voids that might be present in the cable, could result in a serious and progressive rise in the base loss tangent of the cable. Adventitious voids such as these are either introduced during the manufacture of the cable, on bending, as a result of imperfect impregnation or could result from irreversible expansion and contraction of the compound in the dielectric due to temperature cycling under normal fluctuating load conditions.

Such localized ionization would result in chemical changes in the oil, the evolution of gases such as hydrogen, methane and other low molecular weight hydrocarbons and cross-linking reactions resulting in the formation of wax-like products (cable or 'X' wax). Such ionization would be self-healing to some extent in that the build up of wax and conducting products in the void would tend to extinguish the ionization, but on the other hand, the formation of gas which accompanies wax formation to a greater or lesser extent depending upon the constitution of the impregnant, will ultimately increase the size of the voids and produce electrical breakdown in the adjacent layers of paper tapes. This process leads eventually to a complete breakdown of the dielectric.

There was, however, a simple and, in the event, rather elegant solution to this problem. This was to eliminate the rather complex electric stress distribution surrounding and within the three cores by applying an earthed screen to each core. This changed the complex stress distribution pattern into a simple radial stress pattern (Figure 5).



BELTED TYPE



H-TYPE

Figure 5

Stresses in a 3-core cable.

The individual screening of the cores was proposed by Martin Hochstadter in his patent (BP 7766 of 1914) in 1914 which related to cables and compound conductors:-

"In cables for high tension power transmission, internal sparking or glowing is prevented by an extremely thin electrical conducting layer or film connected to the lead sheath or to earth. The usual paper insulation is surrounded by a layer of tin foil or wire tape preferably by winding the metal strip between the outermost spirals of the insulation, or the outer layers of the insulation may be coated with a film of metal. In the case of polyphase cables, each core may have a thin metal sheath or a single sheath may surround the insulation enclosing all the cores'.

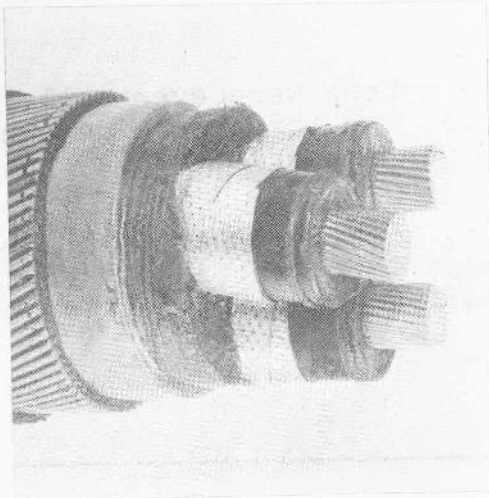


Figure 6

Screened (Hochstadter or 'H' type) 3-core cable.

This 'H' type cable, as it was to become known, was not exploited until after the war, when in 1920, a 25 kV cable of this type was manufactured for the Fall River Electric Lighting Company. From 1928 onwards the use of screened cores became standard practice. As described in the Hochstadter patent, two forms or designs of cable were produced. The 'HSL' cable in which the cores, each with its own individual sheath of lead were cabled together, provided with appropriate jute fillers and a layer of jute bedding and then armoured with single or double wire armour. The three-core cable version consisted of the three screened cores with fillers cabled together with a copper woven fabric tape (a linen or cotton tape containing a bare copper wire woven into the fabric to ensure electrical continuity between screen and sheath) applied as a belt prior to sheathing. This separate sheathing of the cores originated in Sweden and was subsequently developed by the Henley Company in England. It was claimed that that the design possessed distinct advantages over the three-core cable version in that large lead sheaths were avoided. Such large sheaths sometimes distorted or wrinkled on bending and this would be precluded. The HSL design also achieved a better thermal conduction while facilitating the progress of impregnation, thus achieving a more uniform distribution of compound.

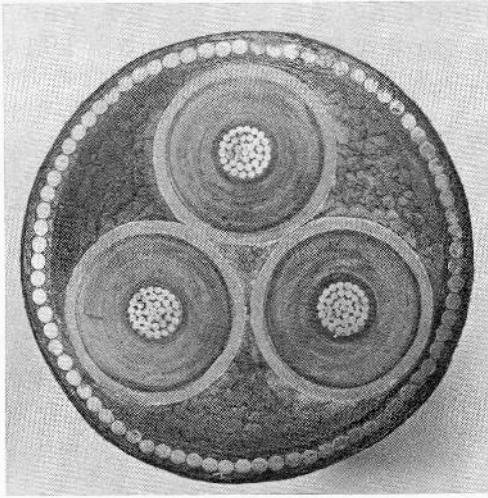


Figure 7

'HSL' type 3-core cable

While most cable makers were eventually prepared to offer the HSL type of cable, the three-core design with thin metallized paper screens, perforated to assist the impregnation process were preferred.

This development, the introduction of the Hochstadter screen, was perhaps the most important single contribution to the art of cable making during the first quarter of this century.

(to be continued)

For Sale

Wharfedale 100.1 Tuner Amplifier.
FM Stereo VHF. AM Medium and Long Wave.
35 Watts per Channel RMS.
Excellent condition, many facilities. £80.

Contact: Keith Sichel (Extension 337).

Red Face Dept.

Under the title "Thanks Folks!!" we told, last month, of various production troubles and the good people who pulled us through.

"Back to normal this month" we said at the end of the piece.

This month we ain't sayin' nuffin' !!

Diary of Events

| DATE | EVENT | FOR INFORMATION |
|-----------------------|------------------------------|-------------------------------------|
| Fri 26th Oct | Wine Tasting | Dave Goff |
| Wed. 31st Oct | Film show (2001) with Soiree | Ted Morrison |
| Fri 9th Nov | Prize Giving | John Heggie |
| Fri 16th Nov | Fishing - Littlehampton | Andy Platt |
| Sat 15th Dec | Childrens Christmas Party | Pete Walton |
| <u>Regular Events</u> | | |
| Tues & Thurs | Badminton | Vic Banks |
| Thursdays | Air Pistol Shooting | Peter Watters, Denis Groombridge |
| Weekends | Hot-Air Ballooning | Roger Millward |

Word Square

Yet another Word Square to pass away the time. Arrange the letters to give as many words of 4 or more letters as you can from the square, but remember that each word must include the centre letter. Names, foreign words, abbreviations are not allowed.

Answers to Richard Hammond by Monday 5th November.

| | | |
|---|---|---|
| P | E | O |
| N | T | I |
| A | T | L |

Retirement Presentation

Retirement Presentation to Mike Hobart

Mike Hobart retired after 40 years service the latter part of which was at Wood Lane following the transfer of the Patents Department. At Mike's request the presentation, made by John Stephen-Ofner, was a private affair restricted to his immediate colleagues at Wood Lane and old friends both from the construction company and Bloomsbury Street. Mike is shown in the photograph opposite being presented with a tray in addition to which he received a significant cheque part of which we understand has been used to purchase a Workmate.

RETIREMENT PRESENTATION

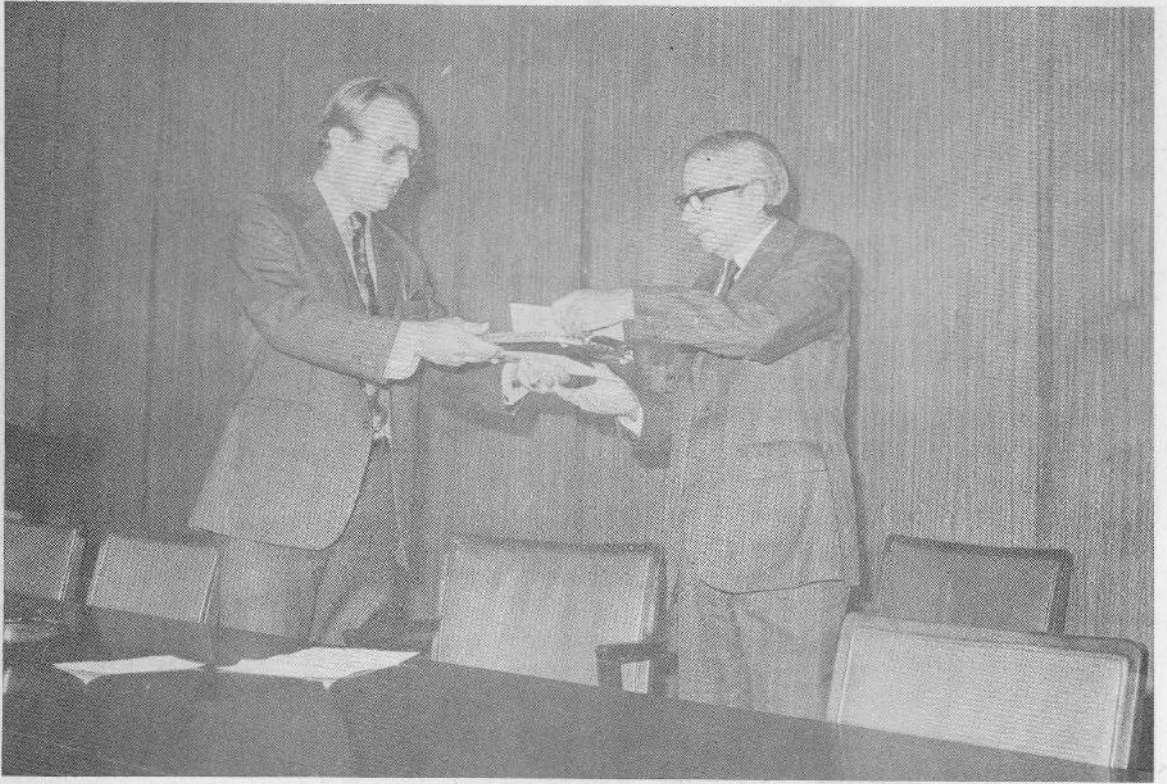
SEPTEMBER 28th 1979

On Friday the 28th September a large crowd assembled on the 5th Floor to witness a presentation by Mr. J.D. Endacott to one George Frederick Andrews or - as we all know him better 'our Andy' the driver! The event turned out to be quite hilarious with frequent interruptions from Andy correcting or elucidating the highlights of Andy's life as understood by the management. For the record (if I understood the final version correctly) Andy's birth coincided with the outbreak of the First World War although no significant connection has ever been proved! A blank is then drawn for the years between the wars until just after the outbreak of the Second World War, our Andy joined the Duke of Cornwall's Light Infantry. However he didn't remain with them for very long as their marching pace was faster than Andy could run and in their view he looked a bit odd at the back, running after the other men! He was therefore transferred to the Royal Ordnance which eventually merged into REME in the 5th Army.

After the war Andy worked for English Electric as a millwright (on "nights") but in 1956 he took up the occupation as a chauffeur with a car hire firm which brought him into contact with such famous people as Elizabeth Taylor and Richard Burton. In 1968 Andy joined BICC and in 1975 became the driver for Mr. Banks. Now, after eleven years at BICC Andy was retiring. Mr. Endacott thanked Andy for his services to the Company and presented him with a card signed by all his friends together with an envelope containing a large (but undisclosed) amount of money.

Andy's reply of thanks was brief, extremely funny and, to the point. He wished it to be made known that if we should purchance come upon him in (a) a hostelry or (b) on a bus then in case (a) we should remember he was 'skint' and (b) that he was an old age pensioner and needed a seat!!

At this point the meeting broke up.



Continuing with interest we hope that you will
have a positive development for a new partnership for
the future.



Continuing with interest we hope that you will
have a positive development for a new partnership for
the future.

Dysphagian Diary

(the occasional column that distresses the parts other columns can't reach)

We're often asked well, we're sometimes asked that is, somebody asked us once, "why don't you have more poetry in the magazine?"

Actually we have quite a bit of poetry (well verse really, or doggerel) but very little prose. It seems that quite a few people fancy themselves as Edward Lear or Ogden Nash or Roger McGough (Milton and Tennyson less so!) but few of you volunteer something if there isn't a rhyme involved. Just in case you don't know the difference between prose and poetry the following cricketing piece may assist you.

"There was a young opener called Walls
Who, while batting, was hit on the thigh."

That is prose. If he had been hit about four inches higher then it would have been poetry.

* * * * *

Continuing with cricket we note with some alarm that a recent advertisement for a new secretary for Somerset County Cricket Club requires each applicant to supply two referees!

Applications on red and yellow cards please!

* * * * *

Did you know that your friendly BT has a rival? The Shepherds Bush "nick" publishes a newsheet for circulation to its colleagues detailing suspicions and suggestions as to who may have been involved in various crimes. It's called "Bush Telegraph". Make sure you don't appear in its pages.

* * * * *

Finally this month, with plans for next year being finalised in every Department, we can't help reflecting on the following comment which is attributed to one A. Einstein.

"I never think of the future, it comes soon enough".



"I see the micro-
chip revolution
has hit the
canteen, too!"

Wine Tasting

As announced in last months issue of the Bush Telegraph the date for the Wine Tasting is:

Friday October 26th
at 8.00 pm in the Main Hall.

The tickets, which can be obtained from David Goff, Denis Groombridge and Viv Shepherd, are priced at

Members £1.80

Guests £2.30

Any assistance both before and after the event would be much appreciated so if you could help, please contact David Goff or Annette Mattock : (also see the note from Annette below).

Help Please

Catering for the Wine Tasting, 26th October

Preparing the food for the Wine Tasting, as most people will realize, is quite a mammoth task. Up until last year, folks were very good in offering to help lay it out and clear up afterwards. However, last year hardly anyone lent a hand, particularly afterwards, and I was here clearing up until the early hours of the morning. Needless to say, I am not prepared to do the same thing this year, therefore I would much appreciate any offers of help. The more people who lend a hand, the quicker it will get done. Anyone who is prepared to help, will they please let me know before Friday 26th October if possible, so I can organize it properly.

Many thanks.

Annette Mattock
(extension 256)

Disco

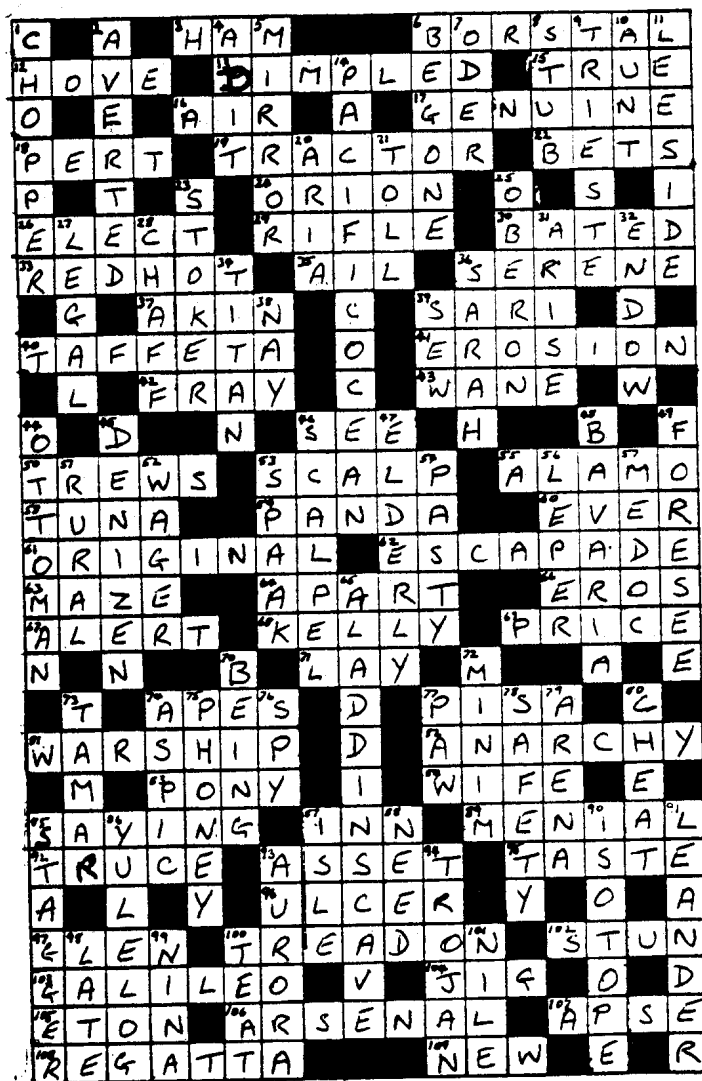
Another successful disco was held recently - Friday 21st September actually. Full report next month.

X-word

11 entries were received to this competition, but unfortunately only six of these entries were correct. The mistakes were many and various including missing some clues out. I had no idea it was that difficult. The lucky winner for this month's competition is Margaret Kingston, well done! An army convoy will be delivering your lavish prize, as soon as we can pawn the office furniture to pay you.

Now for everybody else here are the correct answers.

Dave Green



Section Reports

ANGLING SECTION

FISHING TRIP FROM LITTLEHAMPTON ABOARD M.F.V. PATHFINDER

17/9/79

From my perch aboard our vessel watching the combers perform their endless conger which had started in the Argentine, I was wondering what it was that made ten otherwise sane individuals leave their homes and families in the early hours of the morning, so as to have the pleasure of floundering about on the sea, whiting for a fish to bite, with the attendant possibility of having to roe home should anything go amiss. I think I have found the key witch I will relate in its rightful place later in my narrative.

The ten of us, all dab-hands, some indeed brilliant anglers, had been fishing for some time already that morning, our sole catch thus far had been a small dogfish hauled aboard by Derek. The voyage out had been uneventful, we had as usual inspected one another's tackle, Bob and Graham giving impressive demonstrations with their telescopic rods.

Despite being unable to find the skipper's marker buoy (an oil drum and two plastic bottles) we had anchored somewhere between the outer Owers' buoy, which could be heard hooting to itself in the distance, and the course of the sunken River Loo. Unfortunatley the current at this location was so strong it was impossible to 'hold bottom' even with two pounds of lead on the end, thus producing birds' nests requiring the skill of a weever for disentanglement.

Having no success except that recorded above we moved on to a new spot. During the slow march of time, the skipper, speaking in a deep bass voice, held our attention with many fascinating stories, concerning such momentous topics as, braided fishing line, in which he goes completely against the advice of those well known ichthyologists O.C. Smith and his wife Allis Shad who writes under her maiden name. He further informed us concerning the light house keeper who got thirty two fish hooks stuck in his arm, why he no longer takes parties of policemen fishing, the Sussex coast since 1209, the preferred locations aboard ship for bashing fishes' brains out. (some of us thought he was skating on thin ice here), the occasion when he was left hanging onto his rudder, and finally why he carries his car battery around in a bucket. (Answers on a postcard please).

During this time Gene caught another small dogfish and Steve was well on his way to becoming a 'Green-Wilson'. However not even a poor cod in addition being caught we decided to move on. The idea was thwarted because our anchor was caught in somebody's lobster pots. Despite crabbing and carping from various quarters the skipper was soon able to extricate us with a little help from Bob who was given the opportunity to flex his mussels. It is fortunate that the skipper did not consider that either Bob or Graham who both offered advice and assistance were encroaching on his authority. In which case his rejoinder might well have stung like a scorpion.

At our next location we drifted for a while, Graham caught a small mackerel and that was that, so we went back to harbour. The only occurrence of note on the return voyage was Dave's decision to feed the Fishes, which under the circumstances might well be considered Cole's to Newcastle. The day finished in traditional fashion at the Six Bells Billingshurst over Cheese and Onion sandwiches and King and Barnes' Wealden Ales, some of us becoming slightly oyster-eyed in the process.

Three questions emerged from the resulting think-tank session. Firstly, where are we going next? Secondly, what is in roast ox-flavour crisps? and thirdly, if we paint it brown and yellow and have BICC written all over it, will the company buy us a trawler for publicity porpoises? We see neither reason for lobsterate refusal, nor why we should be whiting very long, as to deny us would be shellfish.

Finally I will state, as I said at the beginning I would, the reason why I think we go sea angling. It is because we want to, because we enjoy it and because we have a whale of a time. Why not join us sometime?

Keith Sichel

NOTE: This article is available with subtitles for the hard of herring.

The Film Column

2001: A Wood Lane Odyssey

Join us in the Main Hall on Wednesday 31st October at 6.30 for the first show of Wood Lane's 26th film season. We will be screening Stanley Kubrick's thought-provoking space spectacular 2001: A SPACE ODYSSEY, and this will be followed, as usual at the first show of each season, by a Soirée. And bring your friends along as guests. See you there!

London Film Festival

This year's LFF starts at the National Film Theatre on November 15th, the opening film being Jiri Menzel's evocation of the life of pioneer film exhibitors MEN WITH CRANKS (also known as THOSE MAGNIFICENT MEN WITH THEIR CRANKING MACHINES). The Festival Programme should have been published by the time this appears. If you want a copy of the member's priority booking form apply to Ted Cooke. If you want the best chance of getting tickets for the more popular programmes (and this means nearly all of them) you should apply as early as possible.

Is This a Record? A follow-up to the July item about the cinema in the Smithsonian National Air and Space Museum in Washington. It uses a projection system devised by the Imax Corporation of Toronto, in which 70 mm film running horizontally through the projection is used; the negative is

ten times the size of a normal cine frame, and this is projected on to a screen 30 m wide by 22 m tall. Yes, it is the largest screen in the world (although there are several other cinemas using this system with screens the same size).

Film Recommendation

This month's selection has to be the opening Wood Lane show on October 31st, 2001: A SPACE ODYSSEY.

Snooker Tournament

Interest has sadly waned over the past couple of months, and the competition has been marred by three of the entrants deciding to leave the Company. The position in the 4 groups is now as follows:

In Group 1, one entrant left the Company early in the Tournament, but of the remainder, Clive Carrol has won all his 4 matches and Keith Elder 3 of his. So these two players go through to the quarter-finals, as nobody else can now win 3.

In Group 2, the position is still wide open. Tom Dore has won 4 and lost 1, and looks to be sure of a place in the quarters. Mike Squelch has won 3 and lost 1, with 1 to play, and could go through. But George Price has won 1 and lost 1, with 3 to play, and Pete Mercer has lost 1, with 4 to play. Either of these two could go through, if they get a move on (see below).

Group 3 is settled, because Mike Kendle won all 5 of his matches, and 'Johnny' Walker won 4 and lost 1 (to Mike), and the state of play is such that no-one else can win 4.

Group 4 is the one most in disarray, with two players having 'gorn orf' - literally, not just in their playing form. Terry Alleyne was virtually certain to have won the group, having won 4 with 1 to play. But having left us to go to Lancaster University, he forfeits the chance, and lets me through in top spot, having won 4 (and lost to Terry). Tony Jordan also left this group, reducing the number of players to 4, of whom Pete Walters lost to everybody, including the defaulters, (but says he enjoyed playing!) so that Ron Arekion and Stuart Castle have still to settle which of them will qualify in second place.

Now for the awful warning:

YOU HAVE UNTIL NOVEMBER 9TH (three weeks! I'm too generous!) to complete any remaining group matches. ON THAT DATE, THE QUALIFIERS WILL BE DECIDED ON THE RESULTS OF MATCHES COMPLETED BY THAT DATE, and any remaining matches will be declared null and void.

G.F. Holder

Bridge Section

As the winter evenings approach, the Bridge season is with us once again, and already two matches have been played in the 1st division of the Hammersmith League.

The first was a closely contested match against Wimpey, the final result being balanced on the play of one board. Our pair were playing a contract of Six hearts, which depended on the finesse of the king of hearts, while the opposition played in four hearts. The finesse went down, which lost 13 IMPS, but a successful slam would have been a gain of 13 IMPS.

In the second match against last season's champions, the Young Chelsea Bridge Club, we were 'out bid' on several boards and suffered a 10.0 defeat.

Results to date:-

| | Victory Points | IMPS |
|---------------|----------------|--------|
| Wimpey | 3-7 | 36-60 |
| Young Chelsea | 0-10 | 31-121 |

R. Fraser

Genealogy Section

This month we have had a visit from our honorary member from Australia, Bob Pearson of Metal Manufactures. Bob is interested in his family connections in the London and Bristol areas, and managed to fit in some research between his hectic business schedule. He is a member of the Australian Genealogy Society and would be pleased to initiate enquiries in Australia if members have interests "down under".

We have accepted an offer from Hammersmith Borough Library of a complete set of the "Genealogists Magazine" from 1933-1974. More details later.

Members are reminded that 31st December is the closing date for entries in the 1980 supplement of the National Genealogical Directory. If you don't have a form please contact Mike Hagger (340).

We are still hoping to participate in a London Societies' Directory. Unlike the National version entries will be free and unrestricted in number. Again, more details later.

Finally, Ted Morrison has obtained a very useful booklet giving details of holding of parish registers, transcripts, copies, indexes etc. for the London area. If you wish to consult it please see Ted.



AIR PISTOL SHOOTING



Shooting Averages as at 12/10/79

Member of

| Name | Highest Score | Average | Position |
|------------------|---------------|---------|----------|
| S. Verne | 48.0 | 45.5 | 1 |
| D.R. Groombridge | 50.0 | 43.4 | 2 |
| L.P. Lou | 50.0 | 39.6 | 3 |
| R.G. Maidlow | 48.0 | 38.3 | 4 |
| S. Silsby | 37.0 | 27.0 | 5 |
| P.W. Walters | 46.0 | 26.8 | 6 |
| P. Donovan | 44.0 | 26.0 | 7 |

Two notable features in the averages this month. Firstly, Joe Lou has been relegated to third place, with an average below 40, for the first time in many months. He has suffered a slight inconsistency of his usually very high standard over the past two weeks, while Stephan Verne and Denis Groombridge have been models of consistency. Secondly, the appearance of a 'new' lady shooter, Sonnia Silsby, who has stepped into the averages, almost effortlessly, above two of our longer standing members.

A third (less notable) feature is that Peter Walters has managed to climb out of bottom position, at last. Whether this signals an improvement of form, such that the leaders should start to worry, is a question that only the 'Gods' can answer at the present time. The improvement, however, may also be a result of the happy event which has occurred in the Walters household. We would like to congratulate Peter and Janet on the birth of their daughter Helen and hope to see them in the not too distant future. It is possible that Peter's shooting average will soon drop again after one or two interrupted nights and early mornings.

Alcohol

At a lunchtime meeting on October 2nd, Rob Weller gave an interesting account of real home brewing i.e. using hops and barley rather than tins of ready prepared malt. In an attempt, possibly, to get ladies interested in the 'art' Rob described how ordinary twin-tub washing machines can be adapted as home breweries. It is unlikely that this idea will appeal to one of our members wives, however, he is banished to the garden shed whenever he starts brewing!

For those whose interest in 'real' brewing was stimulated by Rob's talk, attention is drawn to the October issue of Winemaker, in which a useful 15 gallon brewing system is described.

MOTOR SECTION

ANTI-FREEZE

This is still available at last year's prices (£2.35/5 ltr. min 2½ litre) to anyone who is interested.

An arrangement has been made with Lloyds Motor Spares of Ealing Road, Wembley (01-902-1188). They will give us discount (up to 40%!) on all types of motor spares and accessories. A club discount card is available from me.

ENGINE OIL

BP Energol 20W-50 Super Viscostatic
£2.48/5 litres.

BP VF7 Multigrade £2.35/5 litres.

G.C. Taylor (322)

Thank You

We have received from Elizabeth Bradley the letter printed below. Elizabeth, as most of you will be aware, transferred to Bloomsbury Street earlier in the year and remains secretary to Mr. J. Banks.

I would like to take this opportunity to thank everyone who contributed towards the generous collection and card, even though I have not left the Company. It was a very kind thought and I do appreciate it.

I have not yet decided what to buy with the money, but will make sure that it will be something to remind me of the many friends I made whilst working at Wood Lane. In any case, I do not intend to lose touch and hope to see you from time to time.

Thank you all very much.

Elizabeth Bradley

I would like to thank you for your generous gift. I shall buy myself a badminton racquet as I intend to join another badminton club in Cambridge, in the hope of winning another beer tankard! I hope to see you all again sometime in the future.

Prize Giving

The presentation of prizes to students who were successful in Further Education courses during 1978-79 will take place on Friday 9th November at 12 noon in the Main Hall. Dr. Moore will present the awards.

All members of staff are invited to attend this important annual event.

Children's Christmas Party

This year's party will be held on Saturday 15th December, 1979 starting at 3 o'clock and finishing at 6 o'clock.

Members children, grand-children, neices and nephews are eligible to come between the ages of four and twelve years.

All forms are required by the 15th November.

| Boy | Age | Girl | Age |
|-----|-----|------|-----|
| | | | |

Members Name - - - - -

Return to P.T.J. Walton.

Stop Press..... DISCO REPORT

A Right Ol' Knees-Up

I 'ad a Lemon Squash and Ocean Wave and doffed the Ol' Whistle and Flute, put on the Titfer and Quaker Oat and out the Rory O'More we strolled.

Caught a Swear and Cuss and paid the Grey Mare to Wood Lane. As we toddled up the cobbled Frog and Toad the Andy Cain was pourin' down, so we put up the Aunty Ella.

Then me Raspberry Tart jumped, I could Bottle of Beer the Box of Toys comin' from the top Rory, it sounded like a right Gay and Hearty.

We climbed the Apples and Pears, got in the door and 'ad a right Butchers Hook. I could 'ardly Adam and Eve it, nearly 'alf full and only early, mind you most of 'em were Glasgow Rangers.

We Bears Paw the only Cain and Abel left and ran to grab it. I left the Trouble and Strife guarding a couple of Owen Nares while I went for a Tumble Down the Sink. As I pushed me way to the Bazaar thro' the crowd to order a pint of Laugh and Bitter and a Vera Lynn, I Bears Paw this Bag of Coke with half a dozen Richard and III's stroll in, someone whispered "Swedish Nurses" and winked.

As I started gettin' me Pigs Ear down me Darby Kelly, the D.J. got an Ice Cream Freezes and an Ocean Pearl 'aving a South of France, soon after that it was a Free for All. The Ol' Rory was shaking' as the athletic movements were 'appenin' all over the place, some of 'em were even dancin'.

Then about 'alf a dozen Bag of Cokes got old of the Drippin Toast and started chuckin' her in the air. One 'ad 'old of 'er Nutmegs, another 'ad 'er Chalk Farms. It was 'er birthday and she was gettin' the bumps (they must 'ave got tired tho' cause they stopped at twenty one).

Cause we all 'ad a good knees-up at the end, but some dirty Bag of Coke led the Congo through the Gents, some geezer got a surprise, he was 'aving a Dicky Diddle, should 'ave seen the Jam Races. By now everyone was Brahms and Liszt and it was time to go.

A bunch of 'em got out the Blackbird & Thrush and Mrs Ducket and started to clean up.

We got on our Titfers and Quaker Oats, said ta-ta to the Queens Park Ranger on the gate and caught a Flounder and Dab home.

A good Lime was 'ad by all and we'd all like to say cheers to Yvonne for doing' such a good organisin' job, and to all the Bazaar staff and cleaner uppers.

Access Road

It was "standing room only" at the general meeting in the Main Hall on Friday 19 October when representatives of Contractors and Architects described plans for development work involving the Access Road and the adjacent site to the North. There will be a full report, hopefully with diagrams, in next month's BT, but two important events will take place before then.

The chimney will be demolished by controlled explosion on Sunday 28 October, sometime between 12 noon and 2 p.m. It is hoped to have the site open for spectators and bar facilities available on the 5th floor.

In the third week of November work will commence on widening the Wood Lane end of the Access Road as part of Phase I of the development.

More news next month.

**BICC
FILM SOCIETY**
Twenty-Sixth Season

2001
**A SPACE
ODYSSEY**

..and afterwards, a Soirée
(including free buffet and wine)

**Wednesday
October 31st
6.30pm**

Admission by programme
Members 80p Guests £1

Main Hall
5th Floor McFadzean