

# GRUNGER MATCH



"POWDER BARGE" RGPF circa 1890

JUNE 1983

WHO'S WHO

CLUB PRESIDENT	Dr B H Newman	Director PERME
CHAIRMAN	Bob McGuchan	Extn 210/240
SECRETARY	Adrian Francis	449
TREASURER	Andy Clayton	446
SOCIAL	Ian Griggs	425
SPORTS	Barry Barrett	503/391
OUTINGS	Nigel Evans	451
BAR	Bob McGuchan	210
HOUSE MANAGEMENT	Steve Hutchings	503
PUBLICITY		
Quickmatch	Norman Paul	493
Distribution	Phil Dyke	351
ANGLING-Coarse	Tony Smith	471
-Sea	Julian Upton	596
BADMINTON	Bryan Howard	291
BRIDGE	Mike Healey	282
CB RADIO CLUB	Dave Church	366
CHESS	Ian Griggs	425
CRICKET	Chris Robbins	292
CROQUET	Bryan Howard	291
FOOTBALL	Nigel Smith	366
JUNIOR FOOTBALL	Bill Warren	406
RIFLE CLUB	Paul Kennet	408
SAILING	Jack Howe	258
SNOOKER	Dave Mullenger	399
SQUASH	Ron Craik	385
TENNIS	Nigel Evans	451
DARTS		
General	Keith Fowler	359/473
1st Team	Graham Bishop	503
2nd Team	Tony Smith	471
Ladies	Barbara Coe	284
OLD COMRADES	Bob Brown	364





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S O C I A L  
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Since the last Quickmatch, we have held our third Ladies Fashion Show - again an unqualified success - and a Brass Band Concert which was greatly enjoyed by a knowledgeable and enthusiastic audience of a couple of dozen !

As these notes are written, tickets for the Spring Dance are selling very slowly and your Social Committee is in a quandry as to the type of events which you want.

Reaction to the proposal to hold Ballroom Dancing Classes has, however, been good, and it is hoped to start these very shortly.

No special events are scheduled for the summer months of July and August, but we have our Annual Square Dance on Friday 2nd September and our fourth Fashion Show on Friday 16th September.

One last thing; Alan Hudd (extn 494), a new Committee Member, has agreed to take over ticket sales from Allan Ball. I would like to thank Allan for carrying out this very arduous task over the past year.

Ian Griggs SOCIAL CHAIRMAN

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ELECTION MADNESS

Whilst it is not the policy of this Journal to dabble in the strange world of politics, perhaps our readers would care to work out which of the following was NOT a party in the recent Election, nor a "banner" under which a Candidate stood. Believe it or not, TEN of these were genuine ! Which is the false one ?

1. Assassin's Bullet
2. Ban Every Licensing Law Society
3. Gizza Job
4. Jesus and His Cross
5. Justice for Divorced Fathers
6. Law and Order in Gotham City
7. Southport back in Lancashire Party
8. Freddie's Alternative Medicine Society
9. Traditional Food and Good Life
10. Unemployed Party
11. Women Against Crime

The answer can be found on page 17.

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S P O R T S  
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Well, the MOD SPORTSDAY is nearly here again and we have THREE Competitors entering this year.

These are: V.Rogers 100 metres and Shot Put  
D.Elderfield 100, 200 and 400 metres  
J.Cook 1500 and 5000 metres

In addition PERME is entering a team in the Sea Angling Competition, held on the same day at Ramsgate. SEVEN members from PERME will be taking part.

Incidentally, it gave me great pleasure to see John Cook run in the London Marathon. We stood at the 24 mile marker and John ran by us as fresh as a daisy. He finished in the remarkable time of 2 hours 54 minutes. Quite a feat (or feet ?), Well done John.

I have no doubt most of you have heard of the recent success of Bill Warren's football team, PERME ROCKETS. Well done Bill and the lads. Well done also to the Football Second Team for winning the "Sportsmanship Trophy".

The PERME Snooker Teams also fared reasonably well by winning the Hobbs Cup and the Towers Cup.

I heard a whisper about a forthcoming football match between PERME Rockets and PERME Second Football Team - Could be very interesting - anyone wish to bet on the result?

Barry Barrett  
Sports Chairman

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*  
*           D O N T   F O R G E T   T H E           *  
*  
*           M O D   S P O R T S D A Y           *  
*  
*           Tuesday 28th JUNE           *  
*  
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THIS SPACE WAS LEFT UNTIL LAST TO MAKE ROOM FOR THE RESULTS OF THE SIX A SIDE FOOTBALL COMPETITION.

AS YOU ARE PROBABLY AWARE THAT COMPETITION HAD TO BE POSTPONED BECAUSE THE DUCKS REFUSED TO DEPART FROM THE PITCH.

THEREFORE, UNLESS YOU ARE TAKING PART IN THE COMPETITION WHEN IT IS FINALLY PLAYED, OR UNLESS YOU OVERHEAR SOMEONE TALKING ABOUT IT - YOU WILL HAVE TO WAIT FOR THE NEXT QUICKMATCH TO HEAR THE RESULT - WHICH BRINGS ME TO THE NEXT ISSUE!

(It's amazing how you can fill up a space with waffle isn't it)

ANYWAY, THE NEXT ISSUE IS DUE FOR DISTRIBUTION DURING THE FIRST WEEK IN SEPTEMBER AND THE DEADLINE DATE FOR CONTRIBUTIONS WILL BE ON FRIDAY 26th AUGUST.

DARTS INTERSECTION LEAGUE COMPETITION

HALFWAY STAGE

TEAM	PLAYED	POINTS
P2	5	14
PRS	4	9
PRISE	5	7
BOTTOM RUNG	5	7
PRP	3	7
RICKS ROCKETS	3	5
BROAD ARROWS	4	4
ALL STARS (DRINKERS)	4	4
PERME LADIES	4	3
PRATS	5	2

RESULTS NOT YET RECEIVED UP TO AND INCLUDING 26th MAY:

Ricks Rockets v PRP )  
PRS v PRP )- Come on Stan !  
ALL STARS v PRP )  
ALL STARS v PRATS  
PRS v P2

Will last year's winners of Darts Competitions please return their trophies to the Club Trophy Cabinet.

Entry forms for this year's KO Competition will be available at the end of June.

The only notable effort recorded during this year's league competition so far is that there has been no sign of a notable effort so far in this year's league competition.

Keith Fowler

PLEASE SUPPORT THE SPASTICS SOCIETY

A Sponsored Parachute Jump in aid of the Spastics Society.  
by Bernie Howes

On Saturday July 2nd 1983, I am to make a sponsored parachute jump in aid of the Spastics Society. It will be my FIRST jump, and quite possibly, my last.

To make the task of training and jumping out of a perfectly good aeroplane a little easier and more worthwhile, I am asking for sponsors for the jump which will from 2000 feet. Let's say you sponsor me at 5p for every 100 feet of the jump that I manage to complete. So if I am completely successful the most it would cost you would be a total of £1.

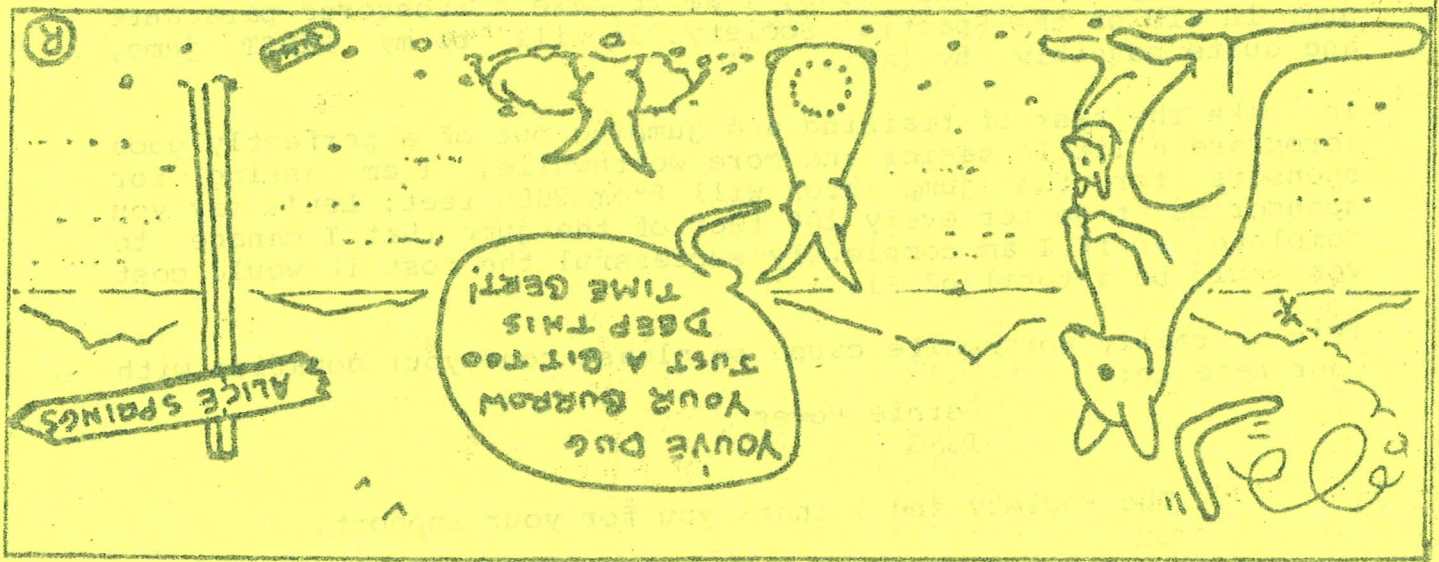
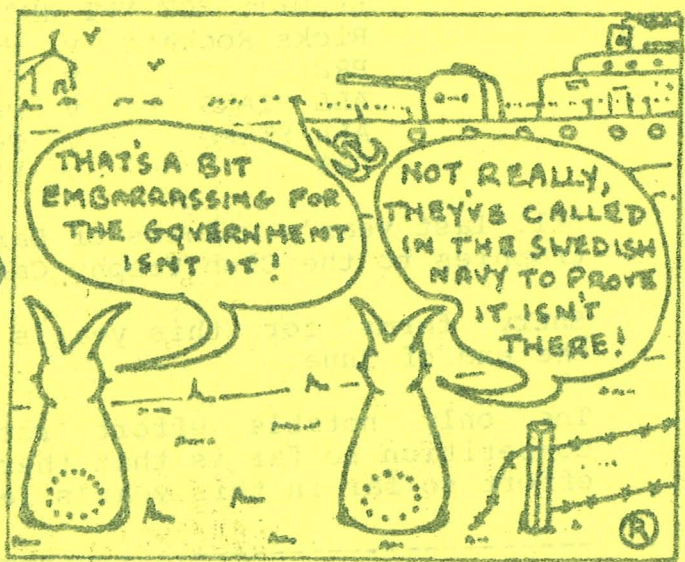
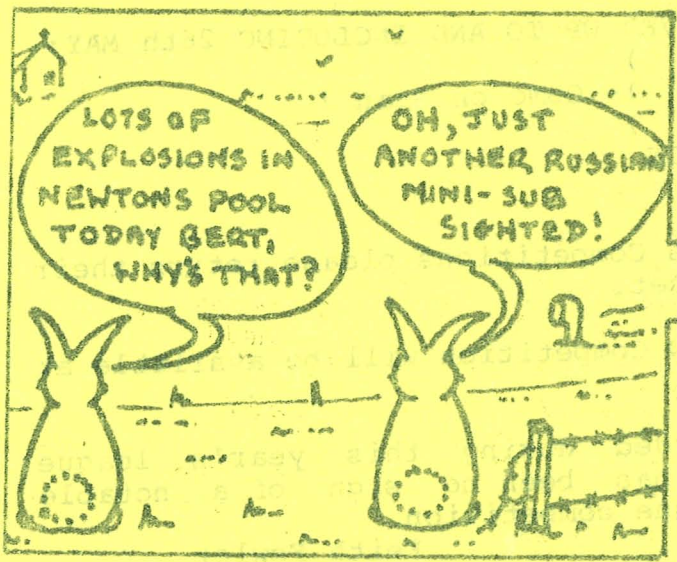
It's a really worthwhile cause so please send your donation with your name to:-

Bernie Howes  
ISRG

The Society and I thank you for your support.

Bernie Howes

# BUNNIES





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# THE PROPELLANTS EXPLOSIVES AND ROCKET MOTOR ESTABLISHMENT

AT WALTHAM ABBEY

## ITS HISTORICAL BACKGROUND

Contributed by Malcolm McLaren, Management Services

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### PART II

#### GOVERNMENT OWNERSHIP

In the 18th century the Government had realised the importance of controlling much of the gunpowder production and had, in 1759, purchased the mills at Faversham in Kent. However, following statements that the "private merchants can make better powder than the Government and that they can make it more cheaply" the Prime Minister, Pitt, was about to recommend the sale of the Faversham Mills in 1783, back to private enterprise!

Representations were made, through the Master General of Ordnance by Major William Congreve, who was Deputy Comptroller of the Royal Laboratory at Woolwich, to show that Government manufacture did, in fact, yield a profit, and that, if this profit were properly expended in improving the mills, it would be possible to make a powder which was more powerful and more durable than had ever been made previously. Fortunately and justifiably - as shown later - he received a sympathetic hearing and not only were the Faversham Mills reprieved but negotiations were opened with yet another John Walton for the purchase of the Mills at Waltham Abbey. Walton's Mills were purchased by the Government in October 1787 for £10,000 and placed under the control of Major Congreve who expended a further £35,000 on improvements and enlargements as the Mills were in a state of neglect. By 1811 Congreve was able to justify his actions by publishing a statement of savings arising from the manufacture of gunpowder at the Royal Mills. Between 1789 and 1810 407,408 barrels of powder, each of 100 lb were produced at Faversham and Waltham Abbey. The savings to the Government, being the difference between the merchants price and actual cost, amounted to £288,357 6s 0d. Taking the Waltham Abbey Mills alone, even after deducting £45,000 spent on the mills, a saving of over £50,000 was made. Much was also done at this time to improve the quality of the powder produced and Congreve demonstrated the improvements by trials on Marlborough Downs where 10-inch shells were fired by 9 lb lots of powder from different makers including six private merchants. That from the Royal Gunpowder Factory at Waltham had the greatest range of 4,430 yards exceeding its closest rival by 160 yards and most of the others by over 500 yards.

During the Napoleonic Wars the annual gunpowder production mounted. By 1809, 20,000 barrels were produced, by 1811 21,000 and by 1813 it had risen to 22,000. After Wellington's victory in 1814 every effort was made to decrease output and only 10,000 barrels were produced. On Napoleon's escape from Elba in 1815 powder production was maintained but, after Waterloo, output was reduced drastically to 3,000 barrels in 1816 and to 1,000 barrels and less in 1819 and the following years. Employment in the factory had been 250 in 1813 but by 1822 the figure was down to 34! Waltham Abbey survived this contraction but the other Government factories at Faversham and Ballincollig in Ireland were sold back into private ownership.

Details of the processes for the making of gunpowder were given in a pamphlet by Major Fraser Baddeley entitled "The Manufacture of Gunpowder, as carried out at the Government Factory, Waltham Abbey" which was published in 1857. It is significant that this pamphlet, and by implication the work by the Waltham Mills, could have influenced world history. At the start of the American Civil War only three powder mills are known to have been in existence in the Southern States. Major George Washington Rains was given the task of supplying the Confederate Army with gunpowder and it is recorded by him that he had the "great good luck" to come by Baddeley's Pamphlet. Both Rains himself and the United States Ordnance Manual of 1862 express the opinion that "nobody makes better powder than the British". The one drawback of Baddeley's pamphlet is that, whilst it gives precise details of all the processes, it contains no drawings of machinery or equipment. Major Rains however, managed to obtain the services of a James Wright, the grandson of the first Storekeeper of the Waltham Mills, who had emigrated to Tennessee. Rains wrote: "But one man -Wright- could be found in the Southern States who had seen the making of gunpowder by an incorporating mill; he had been a workman in the Waltham Abbey Mill in England ... I was much indebted to his knowledge and experience". But the Royal Gunpowder Factory appeared to have been backing both sides for it is known that Antoine Biderman and his nephew Lamot du Pont, both of the large Northern powder company of Du Pont, paid separate visits to Waltham Abbey before the Civil War.

Mention has been made of the accidental explosions referred to by Fuller and the first fatal accident. Although other explosions did occur in the era of private ownership very little is known about them, but from the time the Government took over the Mills the records of explosions are virtually complete. There was a change of attitude from one of inevitability of explosions to one of understanding why they took place. In the early years of government ownership regulations were made tighter and precautions were introduced whenever they were seen to be necessary and advice was sought from the leading authorities in the country. Explosions in the incorporating mill were frequent but not usually serious because the "green" charges had weaker explosive power and did not damage the machinery. It was in the later stages of manufacture that the possibility of a serious explosion was greatest. The first of these occurred in 1801 when a corning house blew up killing nine men and four horses. After this incident an approach was made to the Royal Society to suggest the best floor coverings and a visit was made to the mills by a party which included the President, Sir Joseph Banks, Count Rumford and Henry Cavendish. Their report stated that there was no hazard from "electrical excitations in the practice of rolling barrels on floors covered in hide nor from the use of silk dusting screens", but recommended the use of painted floor cloth to cover the whole floor. In 1893 after an explosion in a building in which granulated powder was being pressed had caused the loss of nine lives, there was serious public concern. The Press was critical and questions were asked in the House of Commons. The report of the Committee of Enquiry, which included Lord Sandhurst and Sir Frederick Abel, can be said to be the basis of modern safety practice in explosives manufacture, for not only did it indicate the probable cause of the incident, but it discussed at some length the deficiencies of procedures and regulations.

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IN THE NEXT ISSUE: The Third and Final Chapter will deal with the introduction of alternative explosives and subsequent decrease in the importance and production of gunpowder; the closure of the Gunpowder Factory and the creation and development of the modern day Establishment.

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SECTION NEWS

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BRIDGE CLUE

The Rubber Bridge Section continues to revive, meeting on Tuesdays in the card room of the Club. The Harlow League Team has had a patchy season, having won 6 and lost 3 with one match to play.

It is now impossible to become league champions this year, but the League also runs a knockout cup competition and PERME are in the final - no doubt the whole of PERME will await the next issue of Quickmatch with bated breath.

If there is no report in the next issue, we didn't win.

Mike Healey

TENNIS

The season has got into full swing again - well that's when we are not rained off court! Don't be surprised if you see us playing in wellies and rain coats. Seriously though, we are still in need of new members, especially ladies. You will get a cheery welcome on club nights - Thursdays, and Sunday mornings when we meet and play friendly matches.

The only committee change that I have to report is that I have resigned after two years and Mr Roger Birchall has taken over the Secretaryship. Nigel Evans remains as Chairman and Ron Craik as Treasurer.

Please do not hesitate to contact Nigel Evans on extn 451 or Ron Craik on extn 545 if you have any queries.

Hope to see you on court,

Valerie Evans

SNOOKER

The 82-83 season has now drawn to a close and PERME's teams had mixed fortunes in the EDWASCA LEAGUE DIV.II. The "A" Team finished 3rd and the "B" Team, being less fortunate, ended the season near the bottom of the table. The "A" team also won the HOBBS CUP and the LAURIE TOWERS CUP. The "TOWERS" is a 3-a-Side competition and this year the "A" Team met the "B" Team in the final. After a close finish the result was 3-2 to the "A" Team.

Congratulations also to Pete Petersen for the highest Billiards break in Division II.

The internal tournaments have now ended and the results are:

	WINNER	RUNNER UP
SNOOKER SINGLES	J.Smith	Alby Wright
SNOOKER PAIRS	J.Smith T.Lincoln	Alby Wright J.Nicholson
BILLIARDS	S.Hutchings	J.Reynolds

I would like to thank everybody who entered and took part and congratulations to all the finalists.

Barry Barrett

## CHESS

For the first time in several seasons, the Chess Section finished the season without a trophy to show off.

The First Team, in the Essex League Division 2, finished in a respectable rather than an outstanding position but skipper Terry Turner, having now had the opportunity to weigh up the opposition, will play next season's campaign coldly and efficiently, and promotion to Division 1 will be our main objective.

Our teams in the "A" and "B" Divisions of the North Circular League both suffered through the non-availability of vital players at various times during the season and for both of them it has been a season to forget rather than remember.

The Essex Commercial League side failed to retain the Championship which had been ours the previous two seasons: It seems likely that this league is about to be disbanded, but after initial disappointment, this could prove to be a blessing in disguise for us. At present we have less than two dozen playing members and at times during the year we were stretched to the limit.

The Club Championship has again been won by Terry Turner-with maximum points from eight rounds. The runner-up was John Cook with 7/8. The Handicap Section is not yet completed but at this stage it could be a 2, or even 3, player tie.

Finally, we shall again be running our very popular Summer Tournament throughout the close season and will be pleased to welcome all Chess players - from beginners to Grandmasters - on Wednesday evenings.

Ian Griggs

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## SAILING CLUB

'Allo Sailor (Ancient Nautical Greeting),

Yet another sailing season is here. The past season, in it's way, has been rather dramatic. The resurrection of the section two years ago introduced new membership into the section, rather powerful mariners who, apparently, sail with a purpose. Repairs currently on the "Wineglass" attest to their determination.

At the recent AGM of the section Sheila JOHNSON, our Hon.Sec. requested that she be relieved of her appointment. This was most regrettable but understandable, even more regrettable since I was lumbered in her stead. Many thanks Sheila for your most important work during the re-floating (?) of the section.

After protracted negotiations our chairman, Paul KENNETT, informed us that he had obtained the use of the old Social Club premises in Powdermill Lane for a Club House. We now impatiently await the installation of electricity to enable us to take up residence.

Membership of the section stands at 10, rather disappointing when one contemplates the Club membership. For £3 a year (current subscription) any section member may sail his/her, or the section's boat and/or receive sailing instruction. If YOU are interested please contact the chairman, Paul KENNETT (extn 408/377), John ALEXANDER, the bo'sun (extn 320), or myself (extn 258) for details.

Finally I would like to see the current membership of the section getting value for their subscriptions (?) by making full use of the facilities available. So come along you "seafaring nation", "luff your spinnakers and splice your mainbraces" (what ever that may mean) and GET SAILING.

J.J.HOWE Hon Sec./Hon.Treasurer.

# FOOTBALL

## FIRST TEAM REPORT by NIGEL SMITH

We finished the season in our traditional style losing most of our final matches, the only bright spots were beating High Beech 4-0 and Ware Lions 7-0.

Somehow we even managed to let the Second Team beat us 1-0 in our end of season friendly, when the ref. awarded a penalty against us in the last ten minutes. the man of the match was Alan Richards, the Second Team goalkeeper, who foiled our forwards time and time again.

Our record in the league and various cups this season was:

P	W	D	L	F	A
28	14	4	10	68	57

While both teams only had moderate success on the football field our Discos continue to be highly successful. The Presentation Disco was probably the best so far. Bill Telling presented the awards and gave the customary speech, in which he referred to the teams as the Tigers and the Cubs. The way the teams have been playing, Girl Guides and Brownies would have been more apt. If anybody has any better suggestions let me know; 2 free season tickets to our home games will be given for the best/worst of the suggestions (Second prize will be a 2-year season ticket. Ed.).

Player of the Year	FIRST TEAM	Micky Ferrington
	SECOND TEAM	Alan Richards
Member of the Year	FIRST TEAM	Nigel Smith
	SECOND TEAM	Andy Carter

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## SECOND TEAM REPORT by Andy Carter

At the start of the season we resembled Arsenal but with a few new players and determination we ended up playing football.

In the Enfield Alliance Division I we finished 4th and also reached the quarter final of the Charity Cup. Our good behaviour on the field this season won us the Sportsmanship trophy which was presented at the Annual Dinner and dance.

At the Presentation Disco, Bill Telling commented on his mob being the tigers and our team as the kittens. Old Bill's got a cheek because the week before the "tigers" had their claws clipped by the "kittens" when we beat them with a Kevin Voight penalty. Perhaps Bill meant that tigers are becoming extinct!

On the goal scoring front, top scorer (and misser) was Andy Carter with 21 goals, second was Kevin Sims (20) and third was Alan Gibbs (16). Tony Williams was the only player, other than the goalkeeper, not to score.

This season's Player of the Year was goalkeeper Alan Richards, who had a great season and his only fault is that he supports Man.Utd. Clubman of the Year was Andy Carter and Supporter of the Year, yet again, was Jackie Wood. Well done Jackie!

We are still without a manager so if there is anybody who could manage please contact me. Although Bob Paisley did apply it was decided that his past record was not up to our standard.

Our two aims next year are to win more cups than Warren's mob who are putting us to shame, and to get Kevin Todd to pass the ball (Dressing Room Joke of the Year - "The only thing Toddy passes is wind").

SEASONS RECORD:

P	W	D	L	F	A
37	22	4	11	93	75

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STOP PRESS : The Second Team report that they have now found an idiot (ie a Manager). Our commiserations to Alan Jones.

LEAGUE CHALLENGE CUP  
WINNERS 1982-83

LEAGUE REPRESENTATIVE CUP  
WINNERS 1982-83

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P E R M E R O C K E T S F C

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LEAGUE CHAMPIONSHIP  
RUNNERS UP 1982-83

REFEREES AWARD TO MANAGER  
WINNER 1982-83

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Bob Paisley could not quite manage the treble with Liverpool but PERME ROCKETS did with three winners trophies and one runners-up. At the end of a very successful season we just missed out on the double of League and Cup, Puckeridge winning the League title. With two PERME players in the representative squad it was pleasing to see the most effective contribution that Graham Chapman and Phillip Brown made towards the Harlow side winning the Essex cup final against South West Essex, who had previously won the competition five times in succession. The final, played on Epping Town's ground was won by Harlow League (2-1) with the two PERME players combining well to set up the first goal. The fact that 3 PERME boys were originally selected for trial games reflects well on the team as a whole.

Our early couple of losses in the league had a telling effect at the finish since, although we did not lose a game for three months, we dropped 3 points against the league champions early in the season which was crucial as they won by that number of points.

Every season the referees award points at every game for the managers who run the line and, as this consists of NINE DIVISIONS numbering EIGHTY SEVEN TEAMS, it came as a marvellous ending to our season to be informed that I had won the trophy.

I have saved the best bit till last - THE CUP FINAL - against Old Harlow United, one of the best sides in the league in recent years, having won league and cup honours. The final at Harlow Town Stadium was won by PERME ROCKETS by TWO GOALS to ONE. Although we had convincingly beaten this team in the league (5-1) our performance in the first 20 minutes of the game consisted of weathering the successive attacks that Harlow threw at us. Although attackwise we did not press the opposition in this opening spell our defence played in a thoroughly disciplined manner and looked very composed at the back. Our first goal, after 20 minutes, was a PERME special; Paul McDowall floated a free kick into the Harlow box where Gary Luck rose up to head it firmly into the back of the net. We were now well and truly back into the game but with 20 minutes to go Harlow scored when one of their players took advantage of a positional lapse to head in a corner. With the game looking as if it were going into extra time Ian Lee pressed the Harlow defence into kicking the ball out in a panic. Mark Cook, on the left, quickly spotted the goalie off his line and attempted to chip in to goal. The goalkeeper could not hold the ball and up popped centreforward Gary Luck to score his second and winning goal in the final and adding to his 31 goal tally for the season.

The organisation of the final by the Harlow officials was first class and although having won League and Cup medals as a player and manager in the past, nothing can compare with the feeling I had that day.

I would like to thank all those people who have supported us this season, not only on the touchline and at the final, but also with the interest in the team's progress and their best wishes throughout the season. I also wish to thank the Club Committee for their help and for the encouragement and congratulations of the Club Members. Finally my thanks to our PR man, Ian Griggs, who is responsible for getting us the name of the "Fish & Chip Team" as we were always in the paper! Hope to see some of you on Presentation Night.

Bill Warren

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P O E T ' S ( ? ) C O R N E R

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A TRUE STORY

A guy drove up in his little yellow van  
"Hello" he said "I'm the telephone man  
I'm looking for building L 109  
I've heard that you can give me a line".  
"Never heard of that building" I said  
And the little man got very red  
"There's a phone I have to disconnect  
The keys I have come to collect".  
He got on my phone, which wasn't my number  
Yelled out "Someone's made a terrible blunder  
This phone I've to take from L 122  
And reconnect it up for you".  
"Calm down" I said. "Take a deep breath,  
This phone 400 has never left  
This office. Show me your list.  
Before we both go round the twist".  
We sat ourselves down and after a time  
Matched everything up 'cept L 109.  
Just then the phone rang on 400  
And a voice told us exactly where to go  
They'd finally tracked the building down  
"It's in the woods near the burning ground.  
Been empty for years as far as we can see  
And we don't quite know who holds the key".  
"My God ! " he said "It isn't fair.  
Why, Oh WHY, did they pick on ME  
To carry out work for M.O.D."  
The moral of this story's clear  
If you want to be happy and full of cheer  
And a man asks for help, just decline  
Or else you'll end up with a Very crossed line !

Win Yeandle.

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PERME ROCKETS, What a dream  
At times you play, like Barry Sheene  
Rides around the circuit at all places  
Every week you went through your paces.

The frustration spectators have been through  
Even stood and turned quite blue  
Through the sun and wind and rain  
But this season it's worth the pain  
For the cups and medals you have gained

Congratulations Rockets now on being  
Cup winners, Runners-Up in the League  
And Bill Warren for his trophy too  
Running the line and blocking my view !

(Only joking Bill - Well done !)

Barbara Coe.

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S-T-O-R-Y T-I-M-E  
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We regret we are unable to bring you the story of the "Scrubbers" promised in the last edition. Shortly after publication, the EFB Mafia moved their strongarm gang in, moved the "Scrubbers" to a less public place where they now may only be "ogled" in their full voluptuousness by the part-time management from Westcott. So very sorry but, no story,

Bert Betts.

All is not lost Bert. Your article has prompted an anonymous head of the Engineering Branch to get his own back with another fairy story. Thanks very much Roy, now read on:-

A LATTER DAY PILGRIMS PROGRESS

Once upon a time, there was a certain wise man named Dr.S.P.Esso, and he was sore troubled for he could not attain his hearts desire which was a wondrous magic device known as "LRS" for exploring the hidden mysteries of certain witches' brews.

Beng bold, as well as wise, Dr.S.P.Esso decided to travel the difficult and stony path to his hearts desire without the help nor guidance of any of the BOEs (Bright Old Engineers) or indeed even the BYE (Bright Young Engineer).

This was in spite of the various traps and pitfalls for the unwary, expressly designed and operated by Mr.A.D.Min who is very experienced and cunning in these black arts.

And it came to pass that when the BOEs heard Dr.S.P.Esso's cries for help and laments, they took pity on him and looked with sadness and compassion on his struggles in the slough of despond into which he had dropped, and by their experience and cunning (which, my dear children, is even greater than that of Mr.A.D.Min) have steered Dr.S.P.Esso back into the path of righteousness.

In the fulness of time when the wondrous "LRS" has safely entered unto its heavenly resting place, and the required red light is installed and working outside the portals of this holy place, all will be well in heaven and earth - Until the Next Time.

From a BOE (R.F.)

I really think that BRIGHT OLD ENGINEER ought to be WISE OLD ENGINEER - ie a WOE, making the story a "TALE OF WOE". Ed.

(EDITORS NOTE ADDED IN PROOF: On behalf of Dr.S.P.Esso for whom I have the very highest regard since I believe he is the cleverest and nicest person I have ever known and who writes my Annual Staff Report, I would like to point out that even right up to the time of publication the "fulness of time" seems to be a long way off yet).



# E D U C A T I O N A L   S U P P L E M E N T

## PART I    M O D E R N   C O M P U T I N G   A N D   R E S E A R C H

### THE LAWS OF COMPUTER PROGRAMMING:

1. Any given program, when running, is obsolete.
2. Any given program costs more and takes longer.
3. If a program is useful it will have to be changed.
4. If a program is useless it will have to be documented.
5. Any given program will expand to fill all available memory.
6. The value of a program is proportional to the weight of it's output.
7. Program complexity grows until it exceeds the capability of the programmer.

### OSBORN'S LAW:

Variables won't, Constants aren't.

### SHAW'S PRINCIPLE:

Build a system that even a fool can use and only a fool will want to use it.

### SELECTION OF TROUTMAN'S PROGRAMMING POSTULATES:

1. Not until a program has been in operation for at least six months will the most harmful error be discovered.
2. Interchangeable tapes aren't.
3. If the input editor has been designed to reject all bad input some ingenious idiot will discover a method to get bad data past it.
4. Profanity is the one language all programmers know best.

### GIBB'S LAWS OF UNRELIABILITY:

1. Computers are unreliable, but humans are even more unreliable.
2. Any system which relies on human reliability is unreliable.
3. Undetectable errors are infinite.
4. Investment in reliability will increase until it exceeds the probable cost of errors or until someone insists on getting some useful work done.

### MURPHY'S LAW OF RESEARCH:

Enough research will tend to support your theory.

### MAIER'S LAW:

If the facts do not conform to the theory, they must be discarded.

#### Corollaries;

1. The bigger the theory, the better.
2. The experiment may be considered a success if no more than 50% of the observed measurements must be discarded in order to obtain correspondence with the theory.

### FITT'S LAW OF THE LAB:

NEVER replicate a successful experiment.

### LEVY'S NINTH LAW:

Only God can make a random selection.

(EDITOR'S OBSERVATION: And He frequently dose !)

Course Tutor: Liz Howes

PART II BRIEF NOTES ON THE ENGLISH LEGAL SYSTEM FROM IT'S EARLIEST BEGINNINGS UNTIL JUST AFTER TEATIME.

.....  
This is the law; and it shall be called the Napoleonic Code, for it is named after the Marquis of Queensberry, who thought he was Napoleon and used to keep his hand in.

Thou shalt have no God but me: God v. Graven Images Inc. 1893, held that any ball pitching within the line of the stumps, or so deemed to have, in the opinion of the Queen's surgeons, shall be done to ye as ye would have them do unto yourself, unless there be two men between opponent and goal; in either case a penalty try shall be awarded. Remember the Sabbath Day and get plenty of overtime in; Waltham Abbey Powder Mills v. Guido Fawkes (1756): held that people playing football on Sunday shall be drowned down by the old Mill stream where we used to sit and dream (altogether now !) Sweet Nellie Dean.

Thou shalt not kill without first making absolutely certain that the person killed has been circumcised under the Sale Of Goods Act; (In re: Cohen's Circus - Lions, Tigers and Personal Loans - 1948) held that the cock sparrow did it with his little bow and arrow, thus contravening Local Government Round Circular No.38749 dealing with Civil Aviation and Ladies Pink Underwear in any order.

Thou shalt not commit adultery before Mrs.Mary Whitehouse; in Smith v. Smith & Smith, Lord Justice Once held that Mrs.Whitehouse should have first go. Thou shalt not witness false bears against thy neighbour unless he or she is deemed to be Norman St.John-Stevas by deed poll out of Gay Trip, trained by Ivor Jump, ridden by Willie Whitelaw and carrying the Queen's corsets for the first time over an anti-clock course and over to you John in the paddock: damages awarded against the vicar after a photograph (Mrs.Alicia Smith v. Uncle Tom Cobleigh et al. 1837).

And the servant shall work six years for his master and he shall plant 'taters and pick cotton. And most of them that plants 'em is soon forgotten but Ole Man Ribber He jest keeps rolling along (Southern Masters Federation v. Uncle Tom Society, 1538 pm).

And if the servant loves his master and will not leave him after six years, then shall the master pierce his ear with an awl. This ought to get rid of him but if not you can always hang him up in a cupboard, (Judge Jeffreys held that coathangers keep your servants nicely creased, 1824).

And he that tickleth a man shall be guilty of Man's laughter and shall be sent to the clockwork chair.

And if an ox gore a man without sounding his horn, unless this be in a built up area, then it shall be deemed a Bad Thing and if it be the first offence the ox put on probation up to the age of proberty.

And if Miss Otis should take a gun and shoot her lover man down, she shall regret she is unable to lunch today; for she shall be sent to bed without food.

And if one catches one's man in the arms of another woman, thou may'st shoot him with the jawbone of an ass (Frankie v. Johnnie, 1915, held that he was her man but he done her wrong). Thou shalt not suffer a witch to live or Lord Justice Denning will turn you into a frog (Frog v. Lord Denning 1946, held that the frog should hcp it). And if any mischief follow, then thou shalt give life for life, eye for eye, tooth for tooth, all for one and one for all, tea for two and two for tea and me for you and you for me can't you see how happy we will be.

Course Tutor: L.B.

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ANSWERS IN OUR NEXT ISSUE



# PERMEPUZZLE No 1

FIVE STUDENTS WORK AT PERME. FROM THE INFO. GIVEN BELOW CAN YOU DETERMINE WHERE EACH ONE COMES FROM, WHAT DEPARTMENT HE OR SHE WORKS FOR AND WHICH SUB-SECTION OF THE SOCIAL CLUB EACH STUDENT BELONGS TO.

### CLUES

	MAIDSTONE	MANCHESTER	NORWICH	NEWCASTLE	CHELMSFORD	P. I.	G. C.	P. II	COMPUTING	EXPLOSIVES	C. B.	CHESS	SNOOKER	DARTS	TENNIS
LYNNE	✓	X	X	X	X									X	
JULIE	X														
MIKE	X														
RICHARD	X														
LIZ	X														
C. B.				X											
CHESS				X											
SNOOKER				X											
DARTS	X	X	X	✓	X										
TENNIS				X											
P. I.															
G. C.															
P. II															
COMPUTING															
EXPLOSIVES															

1. LYNNE IS FROM KENT BUT THE GIRL WITH THE ARROWS IS A GEORDIE.
  2. THE STUDENT WHO PLAYS DOUBLES IS NICKNAMED DYNAMITE: AND THE PROGRAMMER IS NOT A BREAKER.
  3. G. C. HAS A STUDENT FROM NORFOLK AND ONE OF THE GIRLS HAILS FROM THE MIDLANDS. LIZ'S FOREMAN IS ON EXTENSION 541 AND MIKE IS NOT FROM ESSEX.
- THE STUDENT WHO WORKS IN BUILDING N. 562, WHO IS NOT LYNNE IS ALWAYS LOOKING FOR A MATE.

USE THE GRID OPPOSITE TO SOLVE PUZZLE, IT'S EASY, CLUE NO. 1 HAS ALREADY BEEN DONE FOR YOU. NOW CARRY ON.

ENTRIES TO THE EDITOR - FIRST CORRECT ANSWER - USUAL CHEAP SOLUTION BOTTLE OF PLONK.

NAME	HOME TOWN	SECTION	INTEREST