

# NEWS

## ADD's cockpit displays in volume production



In ADD Production Dept., Test Filtriers Peter Topliss and Neil Hamilton are engaged on the final assembly of Pilots' Display Units.

Airborne Display Division has won a further \$75 million contract to supply HUDs for the General Dynamics F16-C and F16-D Fighting Falcon, following the initial \$75 million contract which was announced in May.

This is a worthy success in the difficult USA market, and comes after the division's best-ever record of making first deliveries less than a year from receipt of

order. The contracts for supply of HUDs for all versions of the F-16 provide for the manufacture of some 3,500 systems — no other type of aircraft has involved so many units.

The innovations successfully introduced into this production system won ADD the Queen's Award, the presentation of which on the Division's Open Day has just taken place as GAv News appears.

## Haskett Trophy presented to FCD team

The 1985 Haskett Trophy for Engineering Achievement goes, as already reported, to the team of four in Flight Controls Division whose entry 'Dissimilar Software' was judged to be the best entry.

Dave Salvage, Project Manager, accompanied by Nigel Wright, Software Group Leader, Graham Wisdom, Computer Programmer, and Duncan Buchanan, Computer Programmer, received the Trophy and team prize of

£1000 from Mrs Sarah Haskett, widow of the late Fred Haskett, who was formerly Company Marketing Manager. The ceremony on 2nd August in the Conference Suite was attended by managers and younger engineers from all divisions, and was opened by Dr. Bernard O'Kane, who introduced the panel of adjudicators and commented on the great effort and hard work shown by the entrants; a new feature this year was the marking for presentation

of the entries.

Professor John Shepherd made a plea for more entries next year — the panel had difficulty in separating this year's only two entries, particularly as both had been sides of the same coin, that of safety in commercial aircraft. In the circumstances the panel decided to make a special merit award to the follow-up team from FARL.

After receiving the award, Dave Salvage thanked Mrs Haskett and the adjudicators

also his team who were so involved in design and development of the A310 Flaps and Slats computer and its software, already accumulating around 1 million hours of hazard-free flying.

The Presentation ended informally with a bouquet for Mrs Haskett and buffet lunch.

Next year, the Trophy will be open to competition from all GAv Units, and applications are now invited.

See Page 5 for details

## More for Export

### Tornados for Oman

GAv's contribution to the Tornado has received a further accolade with the first export sale by the BAe/Panavia consortium. The Sultanate of Oman Air Force has finalised an order for eight aircraft, with options for more. The Air Defence Variant (ADV) chosen incorporates CACD's Command Stability Augmentation System (CSAS), Spin and Incidence Limiting System (SPILS), and Digital Autopilot and Flight Director System (AFDS), also ISD's Triple Transducer Unit (TTU) and ADD's TV Tabular display system and Electronic Head Down Display (EHDD). The aircraft will be delivered in 2/3 years and to be built later. This is a major breakthrough into the export market and there are a number of other possibilities under discussion in the Gulf States area for sales of Tornado variants — other Middle and Far East countries also.

### Thermal Imagers for USN Aircraft Carriers

Following competitive trials aboard USS Enterprise, Electro-optional Products Division at Basildon have won a contract to supply for long-term evaluation a new kind of safety aid. The deck crew will be able to monitor visually, even in total darkness, the landing approach of an incoming aircraft, by means of a thermal imaging sensor, tracking mount, and automatic target tracking unit. Resolution will be such that the crew will be able to check in all weather conditions essential details such as undercarriage and arrestor hook integrity.

### Further SCADC Orders

ISD continue to increase the company's export business, with a \$1 million order to equip US Navy A-6 aircraft with the Standard Central Air Data Computer.

'Curly' Childs, ADD's Production Manager, said that the additional order would ensure continuity of production into the 1990's. He also said that the long association with General Dynamics on the F-16 programme was a true indication of the confidence held by GD in ADD's high technology products and that he was very proud to head a dedicated team of production personnel whose full support could be relied on to meet our commitment over the forthcoming years.



Sarah Haskett with the winners and runners-up.

Back row 1-4 Duncan Buchanan, Mrs. Haskett, Nigel Wright, Dave Salvage, and Graham Wisdom. In front, Trevor Hall, Arie Vandertak, and Dave Lerner; Steve Heptinstall was on holiday. This was the team from FARL whose entry concerned a fibre-optically signalled control system for the Airship Industries Skyship 600 airship.

**GEC Avionics News**

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Volunteers should offer their service through Divisional Administration Officers or direct to the Editor.



## Ken Castle— Tass President

Ken's election as President, briefly noted last month, comes as the climax to many years of involvement with Trade Union matters. His first contribution was as Shop Steward — in the old 'DATA' days, back in 1962 — and since 1964 Ken has been the senior representative for his union at Rochester. Later came secretaryship of Medway Branch, and in 1970 nomination to the South Eastern Divisional Council. Ten years in that post in what had now become TASS were followed by Presidency of the Division (1980-84), then came national Vice-President, now Ken as President will hold that distinction till May next year.

He has also served as Councillor, from 1972 to 1976 on the old Chatham District, and 1982-83 on Medway City Council. Sometimes involved in controversy, as in his standpoint during the Falklands campaign which resulted in his being dropped by his Labour Party colleagues, Ken has nevertheless always taken a tremendous interest in the social and personal aspects of the political and working world; his dedication is shown by yet further commitments as a Governor to the Great Ormond Street Children's Hospital in London, and as Rochester delegate to the Pensions Advisory Committee for the GEC Pension scheme. Many of us also remember his years of service on the committee of the Sports and Social Club in pre GAv/BP days.

Ken, as a company employee, is Section Leader in ATED Drawing Office, and this very month marks the completion



## The Royal Aeronautical Society Medway Branch

A special presentation of unique aviation films by Mr Jim Ashton (Curator of the RAF Museum's Audio-Visual Unit) on Wednesday 25th September commencing at 7.30 p.m. in the main canteen. Programme approximately 2½ hours.

Visitors & Friends Most Welcome

Admission by Programme (50p)

Proceeds to the Aircraft Preservation Group

**Programme**

- |   |         |
|---|---------|
| Introduction  |         |
| Hurricane re-born (Strathallan & BBMF)                        |         |
| Hurricanes)   | 5 mins  |
| 1. Croydon Airport 1935                                       | 20 mins |
| 2. Supermarine Stranraer (Queen Charlotte Airways)            | 20 mins |
| 3. Battle of Britain (RAF Film Production Unit)               | 10 mins |
| 4. Ferry Pilots (Spitfire/Whitley)                            | 20 mins |
| 5. RAAF over Europe (Bomber/Fighter Interest - Original Film) | 20 mins |
| 6. Workers Weekend (Building a Wellington in 24 hours)        | 20 mins |
| 7. Sky Giant (Building a Lancaster plus OPS Film)             | 10 mins |
| 8. English Electric Lighting (from the cockpit)               | 15 mins |

## Electronic stethoscope goes to Warton

The Data Bus Test Facility featured in a recent issue as part of FARL's activity, has now been delivered to BAe for use on the EAP Systems Integration Rig and on the aircraft itself. It will aid the task of checking out individual LRVs and complete systems, simulating any that are not in place. Later the tester will act as a maintenance and pre-flight testing aid. During the development programme 'Databus', which is a variant of the ORION 1553B Test System, will considerably reduce the costs and timescales involved.

Some members of the ATED and FARL teams on the occasion of the 'sell-off' to BAe  
L to R: Andy Lenton (ATED), Nick Milas (FARL), Pete Thomas (ATED), Tony Fitzpatrick (ATED), Chris Whyton (ATED), Pete Jones (ATED), Mike Banner (FARL).



of 25 years' service — he joined this company following apprenticeship in Sheerness and Chatham Dockyards.

The coming year will be a busy one — Ken aims to meet as many people as he can, and he has as President formal meetings, conferences and round-the-country trips — and there will still be time for a house move.

## "CLEAN KITCHEN SHIELD" for the Canteen

For the second time in 3 years the Company has received an award from G.W. Chemicals, suppliers of materials for cleaning and hygiene. This is granted for recognition of the need for the utmost care in protection of employees in all matters concerned with cleanliness of food preparation and 'doing the washing up'.

The Yorkshire based firm chose our canteen from among over 200 in their southern region — south of the Thames — as best fulfilling their requirements.

Canteen Manager Bill Gostling accepted the shield from GW's Managing Director Andrew Williams. The local representative John Baumber who is a frequent visitor to Rochester and whose recommendation secured the award was also present.



Bill Gostling with many of his Canteen staff, all of whom play their parts in keeping up the continuing high standard in the kitchens and dining areas. (A)



## Suggestion Scheme Awards

Two members of GSD Production Dept have won awards following acceptance of their ideas; Divisional Manager Bob Ruggles handed over the appropriate PCVs with his congratulations.

**Paul Keane**, Instrument Technician and former apprentice and **Eric Skinner**, Tester, received sums well over £60 for their efforts. A number of suggestions are still under investigation by the Committee and Divisions — but don't let that stop anyone putting in their contribution!



Paul Keane (B)



Eric Skinner (B)

## ACE PRODUCTS COME UP TRUMPS

ACE PRODUCTS, a Young Enterprise company sponsored by GEC Avionics, had a very successful year not only in their trading but they also had the distinction of winning the annual award for the top company. The company manufactured a wide variety of products which they sold at trade fairs throughout the year. At the trade fair held at the Hempstead Valley Shopping Centre in March the company won first prize for the best stand, this being well publicized in the local press. In addition to winning the Top Company award, ACE PRODUCTS's Managing Director Richard Moore succeeded in winning the award for the best Managing Director's Report. The report is given verbally at the annual Prize Giving and is judged by a panel of local businessmen, all the Managing Directors of the Young Enterprise Companies at the Medway centre were involved.



Some of the members of ACE PRODUCTS with Bill Alexander and John Colston on their visit to GEC Avionics.

In April ACE PRODUCTS visited the factory where they were welcomed by Mr. Alexander prior to a tour of ISD. The visit ended with a question and answers session at which Mr. Alexander was joined by John Colston, Divisional Manager of ISD. The visit gave the guests a chance to see how the skills learnt within Young Enterprise are put into practice in a company such as GEC Avionics.

The measure of how successful ACE PRODUCTS was is shown by the fact that the company went into liquidation in a very good financial position. After expenditure and taxes the company repaid each 25p share taken in the company with an 8% dividend.

The Young Enterprise scheme introduces youngsters between the ages of 15 and 19 into the real world of business over an eight month period. Each company operates under the same conditions as any limited company, it has a Board of Directors and finance is raised by the sale of Shares and profit on the product. The product is subject to the same controls found in any manufacturing environment i.e. Marketing, Production organisation and Sales. If any readers have a

son or daughter within the age range stated and would like them to become involved in the Young Enterprise scheme the inaugural meeting is on 24th September at Lloyds of London, Dock Road, Chatham beginning at 6.30. Having been a participant in the Young Enterprise scheme can be helpful when seeking future employment.

**Mike Porter**

*There have in fact been several companies in Young Enterprise that have had the benefit of help, advice, support, and time of GAV employees as advisers. Mike Porter and Mick Fillon-Payoux of ISD who advised Ace Products, have now given this service for 3 years, in two of which their company have gained the Top Company award. This year there have been Mandy Bristol of ISD Design Office, Christine Bridges of GSD Contracts, Christine Mortley of CACD Cost & Budget (now left and shortly to be a mum), Ashley Carr, apprentice in AS&RD, and Robert Flood, Commercial Trainee, also Bryan Parrott and Colin Sanderson of GSD Engineering. As well as the meeting referred to above, any one interested could contact Don Short in Training Dept for information.*

## G.E.C. AVIONICS (ROCHESTER) LONG SERVICE ASSOCIATION

The following new members have been welcomed into the association recently.

- E. Bristow (GSD)
- B.A. McCarthy (MASD)
- R.D. Duhig (AS & RD)
- E.A. Burgess (GSD)
- B.E. Paxton (GSD)
- R.C. Oliver (ATE)
- J.D. Guillon (ATE)

## DINNER DANCE

GEC Avionics (Rochester) Long Service Association  
The 2nd Annual Dinner & Dance is to be held on  
Saturday  
26th October 1985  
in the Works Canteen  
Rochester

## OBITUARY

It is with regret that FCD report the death of **Len Beer**, on Friday 26th July after a short illness. Len had been a labourer in that Division since 1977, and will be sadly missed by all his friends and workmates, who send their deepest sympathy to his wife and family.

## Do you know of anyone who can offer accommodation?

Over the next few weeks a number of new Graduates will be starting work with the Company and will be needing accommodation locally — flats, furnished rooms, single or shared. Can you help? If so, contact MARK GREEN, Personnel Department, Ext. 2704 (ext 51).

## GEC AVIONICS ATHLETICS CLUB

There have been some results to look back upon with pride as the summer athletics season draws towards its close. Pending a fuller review, here are some highlights.

In the Southern League Athletics competition a somewhat slow start was followed by a final placing of Third in the League, with 3 matches won and 3 in 2nd place. This has resulted in the likelihood of a play-off match to enter the British League, for the seniors. The consistent improvement during the course of the season was climaxed by the splendid win at the last match of the season at Luton on 17th August, this was a tough one since the points margin had to be large enough to get the play-off chance.

The juniors were at one time in danger of relegation from the Eastern Premier Division, but by showing strength in the track events they have risen to an unexpectedly higher placing in the league table, about half way up.

## ISD SCOOPS THE POOLS AS WELL!

Following last month's \$35m news, ten members of ISD have been told of their syndicate win on Littlewoods Pools. They are now eager to hear suggestions as to how this unexpected bounty should be appropriately used.

How does one share Fifty Seven Pence among 10 people?

## Tall ships in the Medway

The Cutty Sark Tall Ships Race which came to the Medway towards the end of July provided a spectacle enjoyed by thousands in some of the best weather seen this summer. Well over 100 ships were entered, and although a few did not arrive due to storms during the preliminary race from Bremerhaven, the No. 2 basin in the Dockyard was crammed with ships and their crews from several nations.

Best known among the 39 entered from Britain were the Sail Training Association schooners **Malcolm Miller** with an all male company, and **Sir Winston Churchill** manned by nine professionals and 45 girls. The STA has embarked over 25 thousand young people for training since the late sixties. These ships carry a total of 14 sails and can make around 12 knots. The largest ship in the river was the 436 ton schooner **Grossherzogin Elisabeth** from West Germany, not taking part in the actual race.

The first public day, the Sunday, brought fine weather, vast crowds in the dockyard and horrendous traffic jams — many turned away disappointed and unable to reach the display. However Wednesday's Parade of Sail on the river was more relaxed on a hot summer's evening. By that time, GAV had achieved a 'stowaway' in the person of Mike Banner from FARL, who was offered a passage for the race on the spot during his visit to the basin.

### GAV as Host

In support of the Tall Ships Race and Chatham Historic Dockyard Trust, the company hired a suite of rooms in Medway House and offered hospitality to about 200 customers, local dignitaries, MPs, and people from organisations such as MoD, RAE and foreign nations' High Commissions, with their families, as guests of the Directors and Management, and selected by Divisions in many instances as being influential to GAV's business. As well as viewing the Tall Ships, guests were able to visit and tour places of interest in the Historic Dockyard, see the Sunderland flying boat and take river trips in a launch. A close view was obtained of HRH Prince Philip as he flew in by helicopter and after visiting the Tall Ships basin attended a reception given by the Medway Ports Authority in Medway House, on the final day.

As on many such occasions, such as Farnborough and Lasham, a great number of company people were involved, and seen here by your Editor in his new role to make important contributions to the success of the event — some that spring immediately to mind are canteen staff, security, transport, exhibitions staff, reprographics and graphic designers, photographers, secretaries and receptionists, and the many hosts provided by management and Divisions. To them and to others not mentioned, thanks are due.



Top: Crew of 'Winston Churchill' relax before the parade and race.

Above: Some of the Parade of Tall Ships in Chatham Reach.

Left: A mass of rigging and spars in No. 2 basin.

Photos by the Editor. If any reader would like to see a selection of colour pictures taken and maybe obtain copies at cost, welcome to the Editorial office.

A feature article on the Chatham Dockyard will be included in our next issue.

## The French Connection

Student Technologist **Gideon Hale**, who is now about to start his final year at Brunel University, spent the first part of this Summer's industrial training period on an exchange visit organised between Brunel and Lille University in Northern France. (Not by GAv!) Here is Gideon's account of his time abroad.

It was a sudden urge for travel that made me decide to work in France. Not that there was any great distance involved, as Lille is in the North of France, but to meet new people and pick up a bit of real, rather than classroom French.

So, armed with what few travellers cheques I could scrape together and O'level French I left for France. I was to study 'fatigue testing in metallic materials' at the University of Lille according to the letter I received, but this was soon turned round into something more applicable to my course: A project to control the data storage of a fatigue testing machine.

My immediate problem was that of the language — mainly technical French, as learning two new computer languages from scratch with French textbooks was no easy task.

However, I soon settled down and managed to get most of the planned work done during the 10 weeks I was over there. I also managed to sample some of the local delights and some Belgian beers, plus learning a lot about French life and how they work.

Lille is situated about ten miles from the Belgian border, a country to which I was a frequent visitor. As there was a distinct lack of inland water in Northern France I had to travel into Belgium to windsurf. I also did a great deal of sight-seeing there which included Brussels (before the match), Bruges and Courtrai — going to these places was easy enough, but returning proved more difficult, the reason for this being that the Belgian name for Lille is Rijsel and trying to find road signs to Lille was very difficult.

In France I visited many interesting places, the more well known include Mons, Valenciennes and Paris where I did all those things that tourists are supposed to do.

Towards the end of my stay, my French suddenly improved as I began to pick

up the more colloquial expressions and jargon that are vital for everyday conversation. Unfortunately, just as things began to slot into

place, it was time to leave and so loaded up with as many local brews as was safe to carry I returned home.



## Can anyone Identify?



The Editor, GEC Avionics News

Sir,  
I would appreciate any information from the readership on the item shown in the accompanying photo. It is a Lamp Ammeter with a 0-1.5 amp scale. No makers name on the outside of the pocket watch type body or on the carrying box. There are some pencilled marks on the scale which could be calibration marks.

The sort of information I

would like is:

1. How old is it.
2. Manufacturers name.
3. Who would have used it.
4. Why would the lightbulb current be important.

Perhaps it was used by a Quality Inspector in a lightbulb factory to assess filament uniformity by measuring the current? Any ideas? Please contact

*John McKinlay*  
John McKinlay,  
Logistics Dept., ATED,  
Tel. 2468.

## The ADD Tour-de-Medway bike race

Once again the ADD Bike Race was blessed with good cycling weather. The crowd waited expectantly at the start for HM Queen Elizabeth to arrive and start the event, but unfortunately, due to some misunderstanding, she couldn't make it so Colin and Diane Bennett filled in at the

last moment and got the event under way.

The strong southerly wind carried Alan Ward the first rider off, all the way to Priestfields turn-off, at which time his little legs had given out and he was last seen thumping for lifts in the direction of Burham.

One by one the riders took the start mark, a steady stream at 1 minute intervals, grim faced and determined, wondering how the hell they'd got talked into this.

The route was the same as last year, a grueling test of both man and machine. Start at Stoney Alley — down the Rochester/Maidstone road — left along Priestfields — through Borstal Village — left under the motorway bridge onto the Burham road — through Burham Village — left at the Burham/Aylesford junction — left onto the old Bluebell Hill — filter onto the New Bluebell Hill — left turn towards the Picnic Area — right along Common Road — finish 200 yards from the Robin Hood turn-off.

Along the route competition was fierce, races within races. The small select band

of professionals looking for a win, the rest trying to improve on last year's result and position. The talking had stopped and the hard reality of the Tour-de-Medway had started.

Some found the going too hard and with legs dying and lungs gasping George Cook and Mark Butcher had to stop for a rest with the pretence of adjusting their bikes. Steve Coates on the other hand had had enough and was spotted straining on his gear change lever until the cable 'accidentally' broke.

The only lady competitor Pat Herbert was there once again pedalling furiously, trying to evade her pursuers. It was rumored that if Jim Beaney caught her he would carry her off — no wonder she was pedalling furiously! The race was well and truly

on with five main contenders to the title, Chris 'long-legs' Dardry, Trevor 'my dad wasn't a convict' Blight, Jim 'that well known athlete' Beaney, Derek 'Mensa Avey' and Phil 'my bike broke Turner'.

The favourite, Jim Beaney, wore a natty two piece number with matching tie — but I might add, 'he didn't look any daffier than normal'.

He blasted round the course ticking off his minute men as he went. Chris, Trevor, Derek and Phil all appeared to be going well, finishing strongly at the line.

It was down to the clock. Much muttering among the marshals and a veil of secrecy was lowered only to be lifted at the presentation stage. No matter how many times the results were checked and re-checked the win had to be given to Jim Beaney again, with Derek Avey second and Chris Dardry third. The race was over for another year and we are all left to reflect as it worth it and I for one can say 'No it bloody well wasn't'.

Alan Ward



Wally Coates day dreaming about winning the race

### ADD BIKE RACE RESULTS

POSITION	TIME	COMPETITOR'S NAME
1	28:53	James Beaney
2	30:42	Derek Avey
3	30:50	Chris Dardry
4	31:20	Trevor Blight
5	32:25	Phil Turner
6	32:52	Mike Bloore
7	33:07	Mark Roberts
8	33:19	Martin Redfern
9	33:23	Guy Gibson
10	34:09	George Cook
11	34:37	John Seabrook
12	37:08	Dave Marvell
13	37:44	Alan Ward
14	38:22	Charlie Oliver
15	40:37	Mark Butcher
16	41:45	Steve Parsley
17	45:38	Pat Herbert
		Mechanical Breakdown
		Steve Coates



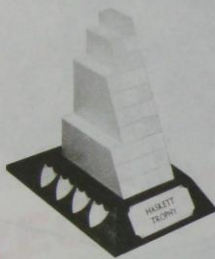
Winner Jim (Poser) Beaney with Dave Marvell

GEC AVIONICS

# HASKETT TROPHY

## 1985/86 Competition

Entries are invited for the 1985/86 Haskett Trophy. The Competition is held annually and is awarded for the entry which is judged to be the best engineering achievement of the year that is likely to lead to a new product for the Company. The competition has been held at Rochester since 1977 but is now open to all GEC Avionics establishments. The competition will be judged by a panel comprising Dr B J O'Kane (Chairman), Mr G C Howell (Director of Research, CAA), Professor J T Shepherd, Mr P B Rayner and Mr P W Smith.



The trophy is an artistic representation of an aircraft wing in side elevation, symbolising the aircraft side of our business, with the opposite face showing the stepped pyramid or ziggurat of achievement. The front elevation represents the binary code and symbolises the importance of digital technology in our system.

### PRIZE SCALE

£1000 FOR A SINGLE ENTRANT  
£1200 FOR A TWO ENTRANT TEAM  
£1500 FOR A THREE ENTRANT TEAM  
£1600 FOR A FOUR OR MORE ENTRANT TEAM



Fred Haskett was a Senior Executive of GEC Avionics who joined the Company at the start of its expansion into the

Avionics business over 30 years ago. Fred joined the Company as a Sales Engineer specialising in the Engine Instrument business and rose to the position of Divisional Manager for the business he generated and built up. He later became Company Marketing Manager, a post he was to hold until his untimely death in 1975.

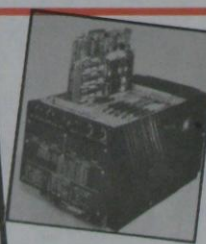
Throughout his career, Fred strongly supported and encouraged innovative ideas from young engineers. In 1977 Mrs Sarah Haskett donated the trophy, which bears his name, in memory of her late husband and his service to the Company. It is thus particularly appropriate that the trophy which recognises such engineering achievement should be the HASKETT TROPHY.

## EXAMPLES OF PAST ACHIEVEMENTS

### 1984 : "1553" CHIP SET

The 1983/84 competition was won by Mr Robin Beasley and Mr Malcolm Earl of the Flight Automation Research Laboratory, Rochester, for their entry on the design and development of a "chip set" to implement the MIL STD 1553B data bus system which provides the intercommunication system for modern avionic systems.

The chip set is being produced as a 5-chip hybrid package by our sister company, MEDL and is incorporated in the new Standard Central Air Data Computer (SCADC) produced by Instrument Systems Division, Rochester.



### 1985 : DIS-SIMILAR SOFTWARE

The 1984/85 competition was won by Mr Dave Salvage, Mr Nigel Wright, Mr Graham Wisdom and Mr Duncan Buchanan of the Flight Controls Division, Rochester, for their entry on the development and implementation of a system of dissimilar software to meet the very high integrity requirements of the Civil Certification Authorities for a computer controlled system for operating the Flaps and Slats of the Airbus Industries A310, A300 Series 600 and A320 Airliners.

## Competition Rules

- The competition is open to all engineers up to and including Project Manager or equivalent grade employed by GEC Avionics Ltd., either as an individual or team entry.
- Entrants must obtain approval from their Divisional Manager for their entry.
- A brief synopsis of the proposed entry must be submitted to Mr J M Neate, Personnel Department, GEC Avionics Ltd., Rochester by 21st October 1985.
- Six copies of the entry submission, approved by the appropriate Divisional Manager, must reach the Personnel Department by 29th November 1985.

- The written submission should be about 3000 words with about 10 illustrations. It should make clear the objectives of the entry and the innovative aspects of the solution adopted together with the problems encountered and how they are overcome.

The cost effectiveness of the entry in terms of the Company's future products and business should be justified as far as is practicable.

- Entrants will be required to make a presentation of their entry to the Adjudicating Panel when they will be given the opportunity to amplify and discuss their written submissions.

The weighting adopted by the Panel is:-  
INNOVATION 40%, EFFORT 20%, VALUE TO THE COMPANY 30%, PRESENTATION STANDARD 10%

- A sliding scale of prizes will be awarded to take into account the size of the team entry.

The sum of £30 will also be made to the participants in every other qualifying entry, up to a maximum of £120 for a team entry.

- Further information about the competition may be obtained from Mr J M Neate, Personnel Department.

[www.rochesteravionicarchives.co.uk](http://www.rochesteravionicarchives.co.uk)

# SPORTS DAY 1985



Start of the Mens' 100m. Mark Butler (FCD) winner of the sprint treble is on the left.

The rain held off for this year's meeting at Deansgate Sports Centre, and there were some good entries for many of events. Organiser Len Murphy was pleased with the increased number. The presentation of trophies later by Mrs E Alexander, with a good run of faces in the top placings. Ian Dou — many more in fact than can ap



Mens' 100m semi-finals. Ross Hudson (Training) in the lead is one of Kent's leading junior 400m runners — he came 3rd in 100m and 2nd in 400m.



Diane Firth (ADD), winner of events over many years.



Nicola Saker (AS&RD) in the shot. In the background is the winner, Venira Chapman (GAv).



Paul Nhill (ATED) and Tim Hayes (ISD) pull away in the 1500m walk.

Jackie T was n... but we



Mens' 1500m. Paul Chapman (ADD) takes an early lead with the eventual winner Andy Saker and runner up Malcolm Martin.



## THE PF



Blake Morris (P Boys' 800m ( Youth 800m c



Tami Harris (CMS) in High Jump where she came second. She won the Long Jump and 100m.



Simon Cheetham (FARL) in his 400m heat. Dad won the Veterans' 100m.



K. Wade (CMS) in full flight; Nicola Saker (AS&RD) in the background came second in this event.



In the Veterans' Handicap Edwin Cheetham (FARL) causes an upset by just beating Len Murphy — margin 0.1 sec.

the particularly  
ers in field events.  
in the Clubhouse was  
mixture of old and new  
uglas took the photos  
appear here.

Thorndick (COD)  
smith in this event  
won the Javelin



# THE RESULTS

## Men

100 metres	sec
1 M Butler (FCD)	12.0
2 G Gallagher (ADD)	12.1
3 R Hudson (TS)	12.1
4 J Cowell (MASD)	12.4
5 D Dickson (FARL)	12.4
6 R Davies (FARL)	12.7

200 metres	sec
1 M Butler (FCD)	23.5
2 M Giles (ATED)	24.2
3 D Dickson (FARL)	24.6
4 N Howlett (EDP)	24.9
5 G Gallagher (ADD)	27.1
6 S Peddie (PSD)	28.5

400 metres	sec
1 M Butler (FCD)	51.3
2 R Hudson (TS)	51.9
3 M Giles (ATED)	53.1
4 A Richardson (FARL)	55.1
5 S Cheetham (FARL)	55.9
6 K Peen (PSD)	68.9

800 metres	min:sec
1 M Martin (CMS)	2:01.3
2 A Saker (ADD)	2:06.2
3 R Smith (CMS)	2:09.6
4 S Allen (CACD)	2:15.3
5 J McMahon (MASD)	2:15.3
6 M Bloor (ADD)	2:20.0

1500 metres	min:sec
1 A Saker (ADD)	4:04.1
2 M Martin (CMS)	4:05.1
3 A Richardson (FARL)	4:13.0
4 J Roots (GSD)	4:13.7
5 N Lyons (FCD)	4:15.3
6 R Smith (CMS)	4:21.1

100 metres Veterans Handicap	sec
1 G Cheetham (FARL)	12.3
2 L Murphy (ADD)	12.4
3 E Broad (ATED)	13.1
4 A Ward (ADD)	14.1
5 M Jury (ISD)	14.4
6 R Norman (CMS)	14.6

## 4 x 100 metres Interdivisional Relay

1 FARL	min:sec
1 FARL	49.1
2 MASD	49.3
3 CMS	49.5
4 ADD	50.1
5 PSD	52.3
6 ATED	

## High Jump

1 P Chapman (ADD)	metres
1 P Chapman (ADD)	1.80
2 C Knight (FCD)	1.70
3 A Peak (PSD)	1.65
4 M Walden (MASD)	1.55
4 J Watts (MASD)	1.55
4 S Peddie (PSD)	1.55
4 G Gallagher (ADD)	1.55

## Long Jump

1 G Gallagher (ATED)	metres
1 G Gallagher (ATED)	6.07
2 J Cowell (MASD)	5.96
3 J Watts (MASD)	5.54
4 A Peak (PSD)	5.49
5 K Peen (PSD)	5.29
5 M Walden (MASD)	5.29

## Shot

1 G Storer (ATED)	metres
1 G Storer (ATED)	11.87
2 A File (CACD)	10.48
3 M Walden (MASD)	10.27
4 M Charman (ADD)	9.93
5 M Giles (ATED)	9.66
6 A McIlhennon (ISD)	9.48

## Tug of War

1 ISD	metres
1 ISD	
2 CACD	
3 ADD	
3 CMS	

## Discus

1 G Storer (ATE)	metres
1 G Storer (ATE)	37.00
2 M Giles (ATE)	31.60
3 M Chapman (ADD)	30.56
4 J Cowell (MASD)	27.94
5 J Barrett (CMS)	27.16
6 A Peak (PSD)	25.44

## Javelin

1 M Chapman (ADD)	metres
1 M Chapman (ADD)	51.80
2 G Storer (ATED)	47.10
3 A Peak (PSD)	42.20
4 M Walden (MASD)	35.58
5 R Norman (CMS)	32.22
6 C Dennis (FCD)	31.38

## Women

100 metres	sec
1 T Harris (CMS)	13.8
2 N Saker (AS&RD)	14.8
3 K James (CMS)	15.1
4 T Howe (FCD)	15.8
5 S Wallace (GAv)	16.2
4 C Spender (CMS)	16.3

100 metres Veterans Handicap	sec
1 D Firth (ADD)	26.4

4 x 100 metres Interdivisional Relay	min:sec
1 CMS	57.4
2 AS&RD	60.9
3 ADD	68.2

800 metres	min:sec
1 L Watson (CMS)	2:23.8
2 C Adams (AS&RD)	2:28.5
3 K Triston (CMS)	2:30.2
4 L Giles (ATE)	2:34.5
5 J McMahon (MASD)	2:54.5
6 N Saker (AS&RD)	3:08.1

High Jump	metres
1 N Saker (AS&RD)	1.37
2 T Harris (CMS)	1.35
3 L Watson (CMS)	1.25
4 K Hennessy (AS&RD)	1.10
4 M Friend (MASD)	1.10
4 P Haggerty (ISD)	1.10

Long Jump	metres
1 T Harris (CMS)	4.75
2 N Saker (AS&RD)	4.36
3 T Goddon (AS&RD)	3.99
4 D Firth (ADD)	3.65
5 J Thorndick (COD)	3.32
6 S Marshall (GAv)	3.32

Shot	metres
1 V Chapman (GAv)	7.68
2 A Dines (AS&RD)	7.42
3 D Firth (ADD)	7.37
4 N Saker (AS&RD)	7.04
5 P Herbert (ADD)	6.50
6 K Triston (CMS)	6.42

Discus	metres
1 V Chapman (GAv)	21.06
2 E Wade (COD)	19.62
3 N Saker (AS&RD)	19.20
4 P Herbert (ADD)	19.02
5 A Dines (AS&RD)	18.72
6 D Firth (ADD)	18.66

## 3000 Metres Walk

1 J Barrett (CMS)	min:sec
1 J Barrett (CMS)	13:23.0
2 M Osborn (CMS)	15:48.2
3 R Norman (CMS)	16:07.1
4 S Cooper (CMS)	18:02.5
5 M Martin (CMS)	19:20.9
6 J Hannam (CMS)	19:36.6

## Boys

100 metres (10-12 yrs)	sec
1 S Jury (ISD)	14.1
2 S Holden (GAv)	14.6
3 C Spender (CMS)	14.8
4 I McAlister (ATED)	16.1
5 G Swann (ADD)	15.5
6 A Monk (GAv)	15.6

400 metres (13-14 yrs)	sec
1 D Spender (CMS)	60.6
2 S Jury (ISD)	68.7
3 S Taylor (ADD)	70.8
4 M Anderton (PSD)	75.4

800 metres (15-16 yrs)	min:sec
1 B Morris (AS & RD)	2:08.2
2 J Barton (ADD)	2:10.8
3 S McAlister (ATED)	2:12.2

## Girls

100 metres (10-12 yrs)	sec
1 K Newton (FCD)	15.8
2 A Kirk (MASD)	16.3
3 Z Mitchell (FARL)	18.7
4 S Duxbury (PSD)	19.0

100 metres (13-14 yrs)	min:sec
1 J Harris (CMS)	13.6
2 T Goddon (AS&RD)	14.3
3 C Adams (AS&RD)	14.5
4 K Triston (CMS)	14.6
5 K James (CMS)	15.3
6 C Spender (CMS)	16.5

100 metres (15-16 yrs)	min:sec
1 J Howard (AS&RD)	14.3
2 N Allen (CACD)	14.7

## Victor Ludorum Trophy

Men: M Butler (FCD) 18 pts  
Women: N Saker (AS&RD) 28 pts

## Management Trophy

1 ADD 65 pts  
2 CMS 76 pts  
3 ATED 52 pts

# PRIZEGIVING



Joanne Howard (AS&RD) won the Girls' (15-16 yrs) 100m.



Malcolm Martin (CMS) won the 800m in a very close finish from Andy Saker, but in the 1500m they changed places with again a narrow margin.



Paul Chapman (ADD), High Jump winner, has also recently won at a Southern League event for GAv Athletics Club.



Mark Chapman (ADD) won the Javelin. Behind Mrs Alexander is Jim Collins in his role in charge of trophies and involved in organisation of the event.



Graham Storer (ATED), Discus winner. Graham's 37m throw was the best since 1979 for a GAv AC member.

ISD's winning Tug-of-War Team. L-r: Steve Briggs, Alan Brassell, Jason Stone, Barry Thornburn, Tim Wootton, Andy McIlhennon.



Andrew Saker (ADD), 1500m winner, is Nicola's brother and has just joined the company from Birmingham University.



Andy File (CACD) came second in the shot.

# Retirements

**Allon Teers**, retires after 21 years with the Company, having stayed for an extra year beyond normal retiring age. Ed Hawley, in making a presentation of d-i-y tools, recalled Allon's career at Rochester, starting as Production Manager of TACD after joining us from Ferranti in Wales where Reg Collins and Alf Harrison had also been. Next came promotion to Staff Production Executive working for Peter Hearne, and Manager, Central Production Services for Rochester site in 1974. Additionally he has been Acting Divisional Manager of CMS since that time and in 1978 was promoted to Manager, Manufacturing Services. CMS also gave some d-i-y tools; besides making good use of all the equipment Allon hopes to be in frequent touch with his family, scattered abroad in Canada and Dubai. Good wishes go with him from a host of friends and colleagues in GAV.



Allon Teers (A)

**Harry Bignell**, Inspector in CMS, has spent 32 years in the Company — this was preceded by 8 years with Short Bros, 3 years in REME where he became Staff Sergeant, a year in the dockyard and 5 years with Blaw Knox. Harry's service with GAV has been on various jobs in CMS — the last seven in Inspection following an illness and operation. Nothing daunted, Harry keeps his interests in photography both movie and still, gardening, music, crosswords and much else, including the cycling world in which he was a member of Medway Road Club. Harry Cruttenden gave CMS's best wishes for a happy retirement.



Harry Bignell (A)

We note the retirement of **Eva Fryer** after 17 years with the company. Eva started as Clerk in IND Production, then after a spell as Clerk/Typist she became Shipping Clerk responsible for Inspection release documentation. Eva was presented with a camera by Dave Harries on behalf of all her friends and colleagues.

On Friday 19th July Dave Harries presented **Monty Banks** with a Fishing Rod from his friends and colleagues to mark his retirement from the Company. Monty worked for Short Bros. Sea Plane Works before joining the Army. In 1946 he joined Swift & Swallow, joining MER in May 1954.

In 1960 Monty joined the then IN Division Machine Shop where he worked until April 1978. Unfortunately since then Monty has been unable to work, but he has kept in touch with many of his workmates through Tony Rye who often visits him.



Monty Banks (B)

**Edna Coleman**, seen here with the retirement gift that she received from friends and colleagues and which was handed over by Divisional Manager Keith Snelling, has been with the company since 1958, as a Wirewoman. Edna started in the old Naval Weapons Division, moving later to Fuze, FCD and then CACD. Now she hopes to spend more time with her grandchildren, also to enjoy her hobby of gardening and to pass her driving test so that she can get around a bit more.



Edna Coleman (A)

Born in Maidstone **Bert Hosmer** served his time as a Fitter and Turner at the Tilling-Stevens Works in Maidstone. He saw service with the REME in the Far East, India, Burma, Singapore and Java. Joining the Company in 1956 he joined MER as a Machinist and Turner, then went to IND Machine Shop as Leading Hand. On the formation of CMS, Bert was one of the Foremen in the Division and for the past 10 years up to his retirement has operated as Superintendent. Interested in any type of sport, he is an active member of the Chatham Bowls Club, and when the opportunity occurs he likes a game of cricket. All his many friends and colleagues wish him a long and happy retirement. Bert, on the left, is seen with Peter Burrows and Allon Teers.



Bert Hosmer (B)

This picture was taken at the retirement of **Wally Przygowski** born in Poland, childhood in France, served with the Polish Forces during the war. He joined Elliotts in 1957 at Lewisham, moving to Rochester in 1968 where he became a wireman working in IND and then GSD.

Brian Herring, Deputy Production Manager for GSD, made a presentation to Wally of money collected by his friends and colleagues which he requested be donated to the Molly Wisden Hospice.



Wally Przygowski (A)

**Percy Hales**, Mechanical Inspector, retired in June and was presented by Dave Harries with a carriage clock and lighter on behalf of friends and colleagues. Percy's 9 years with the company have been in Inwards Goods in Gyro Division and in GSD, early days were with Short Bros, and he was in the Army Signals Corps from 1938 to 1949, serving in many countries including four years with the 8th Army in North Africa. After that he was at Kent Alloys for 15 years, working on the manufacture of printing machines, and came to GAV following redundancy. Now Percy will decorate his whole house, as well as keeping up his garden.



Percy Hales (A)

**Leslie Winter**, Section Leader of Scheduling Dept. in PSD, retired after 20 years with the company. Times have changed since his youth — his apprenticeship as Shipwright was six years long, his first pay was Three Shillings per week. Almost immediately after that Les was called up to the Royal Navy — by the end of the war he was serving on the paddle steamer Queen of Thanet, on a salvage team which with 6 minesweepers was first into the devastated port of Hamburg. Back to work as a Shipwright, Les soon decided to become a stevedore on the Medway, but sadly had to leave after an accident. Then he joined this company as Despatch Clerk in AEID, which became part of ISD, subsequently moving to PSD whom he served well as Section Leader.

His presentation of a routing tool will help him keep up his woodworking interests — it will add to his apprentice tool kit. Beside that hobby, Les intends to travel and visit historic and interesting places.



Leslie Winter with colleagues (A)

**Ron Freeman** started working life as an apprentice with Short Bros, then was called up to the Buffs regiment and served in Austria, Italy, Singapore and Hong Kong. After demob he went to Hobourn Eaton as Machine Setter, and to Legrand, before joining Elliotts in MACD Model Shop in 1965, he transferred to CMS Inspection in 1970. At his retirement all his friends and colleagues wish him well.



Ron Freeman (B)

Due to lack of space a number of reports have been held over till the next issue.



# 25 years' service

**Ted Bristow's** career after leaving Borough (South Bank) Polytechnic has been with IND/GSD, commencing with Blue Steel, by 1974 Ted had been appointed Project Manager for NCS1, and in 1979 he took on additional responsibility for the 920ME computer. 1981 brought along the MAVLANS land navigation and gun control system, and in 1983 he became Engineering Manager. Spare time pursuits include Ham radio and D.I.Y. Ted has a son Alan, ex-apprentice and TA in CACD, and daughter Jennifer a VDU operator in ADD.



Ted Bristow (A)

Divisional Manager Bob Ruggles handed over Ted's presentation binoculars.

**Bob Duhig** joined Elliotts from Chatham Dockyard after completing an Electrical Apprenticeship.

Originally he had planned to work in the company for about 2 years, but has worked in AS&RD since being employed. Starting as an Instrument Technician working in Fuel Flow Equipment, he transferred to Inspection after 2 years, progressing in the department

to Assistant and then Deputy Chief Inspector.

When the QA Department was formed Bob became Senior QA Engineer with the responsibilities of Chief Inspector and the operation of the Quality Technician Scheme.

He is interested in football and used to play for Chatham Town when he first joined Elliotts. His son Kevan works in ADD as a Development Engineer. All the family are keen golfers at Gillingham Golf Club and his daughter Sarah has just turned professional. Bob and his wife Jenny enjoy gardening and following the activities of their children.



Bob Duhig (B)

**Brian McCarthy** joined the young ATE Division on Independence Day 1960 as a Technical Assistant, and moved up through the Engineering Dept ranks to become Project Manager for the Concorde Prototype Aircraft Accident Recorder. Also during these years he worked on various aspects of contracts such as TSR2, ILAAS, and Concorde AFCS. In 1970 Brian was engaged in a company sponsored financial training scheme finishing with a spell in FCD on the MRCA project. He was appointed Senior Contracts Officer in ATED, and in 1973 he became Deputy Contracts Manager in the newly formed MASD. In 1978 Brian returned to Engineering, where he is currently Programme Manager on the successful AQS901 Nimrod project.

Brian's interests include astronomy, oil painting, also bird watching and nature study which his cycling enables him to pursue; the binoculars with which he was presented by Laurie Hampson should come in useful.



Brian McCarthy with Divisional Manager Laurie Hampson. (A)

## Engagement

**Trevor Swift**, Computer Programmer in AS & RD, and **Brenda Kelsey** of GAV Standards, announced their engagement on 27th July.

## Weddings

**Many wedding bells this month!**

At St. Johns Chatham on 22nd June, two members of GSD, **Barry West**, Tester, and **Carol Webster** of Goods Inwards were married. Presents were handed over by Fred Rowe, Assistant Production Manager



John King with a happy **Chris Dennis** just before her wedding to **Phil Thompson**, which took place on 27th July at St. Matthew's, Wigmore.



## Congratulations

On 1st June, **Mandy Ellis** and **Bob Fassum** at St. Justus, Rochester, were married. Mandy is a Typist in FCD Purchasing and Bob is Estimator in CMS. There were presents and good wishes from both divisions, handed over by FCD Production Manager Doug Webster.



**Tim Mowat**, ex Commercial Trainee now Contracts Officer in ISD, receives wedding gifts from friends, handed over by Contracts Manager John Bezant. Tim's wedding to Jo Farley was at St. Nicholas, Southfleet, on 29th June.



Congratulations from ADD to **Mark Tickner** of the Model Shop (Mech) who was married to Jackie Warren at St. John Baptist Church, Halling, on 27th July. The presentation was by Ron Wells, Model Shop Superintendent.



**Paul Mennie** and Linda Jane were wed at Chatham Registry Office on 2nd August. Paul is a Progress Chaser in ISD, Assistant Production Manager Pat Case made a presentation, and Paul left a message of thanks to all his friends who contributed.



**Kevin Peen**, Development Engineer in Powerplant Systems Division, New Road married Mandy Fraser at Lenham Village Church on Saturday 3rd August. Mandy has just become a newly qualified SRN from Guys Hospital. They spent their honeymoon in Jersey. Friends and colleagues in PSD presented Kevin with a coffee percolator and a Jug Kettle and all join in wishing them all the best for their future happiness.

**Caroline Bullock**, Secretary in Personnel Dept., and Simon Phillips St. Margaret's Rochester on Saturday 17th August. Simon is an accountant.

# Congratulations

## Future events

**Carole Chambers**, wife of **Bob Chambers**, Cost Controller in AS & RD, received the best wishes of ADD's Divisional Manager Robin Sleight, to whom she was Secretary



**Judith Diamond**, Illustrator in ISD, and **Mike** who is an engineer in CACD, on the occasion of Judith's leaving to prepare for the happy event, seen with Head of Technical Publications, Irvin Gray.



## Golden Wedding

A special message of goodwill to **Jesse Griffiths**, past Editor of Gav News, and **Alice**, who celebrated fifty years on 14th September.

## Births

To **Nigel** and **Karen Wright**, on 28th July a daughter, **Gemma Victoria**. Nigel, Software Group Leader in FCD, also celebrates sharing in the Haskett Trophy win.

To **Denise Humphreys** lately of ATED Buying Office, and **Dave** who is a Production Engineer in MASD, a daughter, **Nicola**, on 22nd August.

To **Sheila Reed** formerly of Security and Mick, a son, **Leon Andrew**, on 19th July.

To **Jenny Harris** of ADD Scheduling and Ian, a daughter, **Sarah Victoria**, on 10th July.

## Birthdays

Congratulations to **Susan Davis**, of CACD Stock Control, who was 21 on 15th August, also to **Jayne Simpson** of Tool Drawing Office the same division, 18 on 9th August. Best wishes from all their friends.



# Sports and Social Club round up

## Bowls News

Success for the Bowls Section on Wednesday 10th July 1985! We won the Chatham Cup for the second time in its 75 years history. This year there was a record entry of 28 rinks representing 9 clubs.

The winning rink was No. 1 Paul Barrett, No. 2 Rex Austin, No. 3 Dick Wadey and at Skip Doug Barrett. (Stan Hayes played in one game as Reserve No. 1.)



**CHATHAM CUP 1985**

Winning Team from MAV/BP. Left to Right: Dick Wadey, Doug Barrett, Rex Austin, Paul Barrett

### Match Reports

In the First Round against Civil Service we had a steady game slowly building a good lead to win comfortably.

The second round against Winget B.C. was neck and neck up to 18 ends after which we had some good ends and eventually won by 10 shots.

The quarter final was to have been against Cliffe B.C. who because of Gill Cup commitments were unable to attend and so we got through on default.

The semi final against Bowater Kemsley was a cliff hanger. We started slowly, always a few shots behind until

the 18th end when we took the lead 18-15, on the 19th we lost 2 to make it 18-17. The 20th, "Disaster!" Their skip moved the jack back and across to their back woods suddenly from 2 up we were 4 down on the end and Doug was out with his last wood which made the score 18-21. All seemed lost.

So into the last end, Bowater's lead put an excellent wood up level with the jack an inch away. Rex drew resting on the front of Bowater's wood. With his second wood he had to hit his own wood with weight to push the shot wood out of the head. The line and weight was perfect, good contact was made and the shot wood was pushed out leaving us shot. Their No. 2 missed and Dick under pressure drew two woods within a yard. Their No. 3 went through leaving us 3 on and the scores tied. Doug, cool as a cucumber, drew his first wood in leaving us 4 on and laying game. Bowater's skip had only one bowl left and he had to draw within 4 feet. His weight was good but he was thin. We all sighed with relief, we were through to the final 22-21.

In the final we played Palm Cottage, an excellent team but nothing came together for them and Paul in excellent form gave us the confidence to increase our lead until at 18 ends they gave up and we won the cup 24-4. It now stands for a year in our trophy cabinet at Hoo Club.

### Footnote

Well done Dick Wadey our No. 3. Earlier in the afternoon he won the Saga 21-20 (an over 65's Singles National Champion.) Kent Section. If you are interested in taking up bowls ring Rex Austin on Internal 2904 around 9-15 am for further details.

### Match Reports

In the League Section we got off to a bad start losing the first game against Winget "B" by 4 shots after losing a good lead about half way through the game. In the other two league section games we won by enough shots to gain a place in the quarter finals knock-out section.

In the quarter final against Winget "A" we were all consistent and increased our lead to win by enough shots to make the last end unnecessary.

The semi-final was right up to the 15th end then we had some high scoring ends to win well against Cobham.

The final against A.E.I. started well enough, and about half way through we were 4 shots ahead. On the next end we payed the price of no back bowls. The jack was moved back by their No. 3 and we lost 7 shots on one end. We battled on after this setback and managed to level the match 18-18.

Going into the last end we were 2 shots down. With the skips to play we needed 3 to win. They were laying shot but we had 2 second bowls. Paul had to push and lay on their shot wood to give us the 3 we needed. He bowled, it looked perfect, but his bowl hit the side of the shot bowl and went off at an angle picking the jack up and taking it back about six feet and stopping between two of their bowls giving them 2 shots and the game (bad luck to our lads, there's always next year!) Well bowled A.E.I. A great bunch of lads. Look after the trophy well, we'll have it back next year!

### Trophy Week

MAV/BP just fail to hold onto the Cup

The Results of the League Section

	P	W	L	D	F	A	Pd	Pt
1. Palm Cottage	3	2	1	0	68	50	+18	4
2. MAV/BP	3	2	1	0	62	56	+6	4
3. Winget "B"	3	2	1	0	60	69	-9	4
4. G.R.F.C.	3	0	3	0	49	64	-15	0

1. Winget "A"	3	3	0	0	57	45	+12	6
2. Rochester	3	2	1	0	56	51	+5	4
3. Cliffe	3	1	2	0	48	57	-9	2
4. Cranborne	3	0	3	0	46	54	-8	0

1. Cobham	2	2	0	0	43	17	+26	6
2. Twin Disc	1	0	1	0	15	24	-9	4
3. Fleetway	0	0	0	0	0	0	0	0
4. RACS Gravesend	1	0	1	0	2	28	-26	0

1. A.E.I.	3	2	0	1	58	47	+11	5
2. Gillingham	3	1	1	1	65	51	+14	3
3. Lucas CAV	3	1	1	1	49	58	-9	3
4. Civil Service	3	0	2	1	50	66	-16	1

\* = Failed to turn up † = Dropped Out

### Knock-out Section Results

Quarter-Finals	Semi-Finals
MAV/BP beat Winget "A"	MAV/BP beat Cobham
Rochester beat Palm Cott	A.E.I. beat Rochester
Cobham beat Gillingham	
A.E.I. beat Twin Disc	

FINAL	
A.E.I.	beat MAV/BP

MAV/BP	MAV/BP
Players League Section	K.O. Team Section
Ron Keahane	1. Paul Barnicott
Ron Hedgecock	2. Rex Austin
Fred Wan	3. Dennis Barber
Gordon Theobald	5. Paul Barrett
Bill Eastwood +	
Players on the right	



# Sports and Social Club round up

## GEC Avionics - BP Kent Club Sectional Activities

Section	Hon. Secretary	Contact Point
<b>Angling</b>	Derek Waller	39 Lingley Drive, Wainscott (Medway 718909)
	Paul Wakeman (Bailiff)	8 High Street, Grain (Medway 271997)
	Nigel Davies (Treasurer)	PSD/Estimating 642/2926
<b>Amateur Radio</b>	Allan Ralph	AS&RD/ Customer Training 436/2047
<b>Archery</b>	Jack Milner	ATED/Engs 196/2047
	Reg Bloodworth	Medway 32961
<b>Athletics</b>	Len Murphy	ADD/Progress 395/2893
<b>Badminton</b>	Phil Evans	ATED
	Bob Telford	MASD/Engs 276/2797
<b>Ballroom Dancing</b>	Claudia Ahluwalia	GAU/Admin 500/2768
<b>Bowls</b>	Ernie Langley	12 Woodview Rise, Strood (Medway 718993)
<b>Brass Band</b>	Martin Polley	ADD/Production 620/2885
<b>Climbing</b>	Rob James	FARL/Engs Medway 44433 Ext. 68
<b>Computer Users</b>	Elizabeth Doe	FARL/Engs Medway 44433 Ext. 37
<b>Cricket</b>	Eric Rose	135 Watling Street, Strood (Medway 718030)
<b>Darts and Cards</b>	Gary Cordier (Chairman)	MASD/D/O 103/2264
<b>Golf</b>	Michael Broom	GSD/Engs 448/2718
<b>Horticultural</b>	Alan Morgan-Brown	ATED/Engs 701/2676
	Eileen Papworth	GAU Snack Bar 256/2217

Section	Hon. Secretary	Contact Point
<b>Judo</b>	Jim Hinchcliffe	Fisher Controls (enrolment at Snack Bar Monday and Thursday Juniors at 5pm, Seniors at 6pm)
<b>Karate</b>	Stephen Packham	GSD/Test (Written applications)
<b>Model Engineering</b>	S. A. Radley	ATED/Tech Pubs 633/2913
<b>Model Railway</b>	Mark Snowden	ATED/Engs 654/2941
<b>Netball</b>	Jenny Hawker	GAU/Catering 256/2217
	Maureen Hughes (Treasurer)	Medway 252030
<b>Photography</b>	Kevin Restell	MASD/Production 276/2797
<b>Popmobility</b>	Sue Westrup	GAU/Management 2651/269
<b>Rifle</b>	Larry Vandertak	FARL Medway 44433 Ext 32
<b>Rugby</b>	Martin Weller	CACD/TDO 486/2650
<b>Soccer</b>	Barry Mason	GAU/Accounts 442/2546
	Ron L Stevens	44 Stangate Road, Strood (Medway 721866)
<b>Squash</b>	John Hollands	MASD/Cost & Budget 363/2547
<b>Sub Aqua</b>	Raymond Newman	AS&RD/Section 'C' 13/2244
<b>Swimming</b>	Cyril Moffett (Chairman)	PSD/Estimating 642/2926
	Dave Jibb	ADD Engs 626/2907
<b>Table Tennis</b>	Eric Hasker	56 Main Road, Hoo (Medway 252118)
<b>Tennis</b>	John Rowlands	PSD/Engs Medway 44433 Ext 58
<b>Yachting</b>	Pauline Beldham	88 Bettescombe Road, Rainham (Medway 33386)
	Eric Fosbeary	CACD/Engs
<b>Yoga</b>	Valerie Fennell	GAU/Personnel Records 208/2222

## COMUS

### A brief report of proceedings at our last meeting at Hoo on 15th July

This as you may recall had as its subject "Computers as an aid to the handicapped". Those few who attended found it very interesting and thought-provoking.

The speakers were two teachers from the Fulmar school at Strood, and the father of a handicapped young girl brought along the young lady in question. She was happily playing with a Pethna box, a device which flashed a set of 4 coloured lamps on a panel while playing a tape of the user's choice, the whole being controlled by a variety of plug-in switches.

Three simple demonstration programs were demonstrated on Beebes using mainly home-produced hardware, and our speakers outlined the scale of the problems they face, especially when trying to use equipment supplied to them (like the CONCEPT keyboard that arrived without any instructions or software!) This particular problem, incidentally, was put right in a couple of days by our worthy Chairman!

A lively question and answer session ensued in which it transpired that our audience had been swelled by some four special teachers from other similar schools. Thus, we heard of the APPLE that was given to one school — again without any support and few suggestions for its use.

Apart from the obvious sincerity and dedication of the teachers, what emerged from it all, was the feeling that it was open to even amateurs like the writer to contribute: no one was looking for highly developed programming skills. Simple programs or parts of programs which ANY of us might enjoy writing, could mean a lot to children or adults at these schools. However, no one should rush off and try their hand without assimilating certain criteria, the rules of the game, and it is intended that we shall organise a project in the Autumn. More on this later, but in the meantime, **anyone who would be willing to help, and particularly some of the people present on the evening in question, should please contact any of the committee, a.s.a.p.**

### Purchasing

A comprehensive list of hardware and software is held by your divisional representatives, for your perusal, and is regularly updated, including any special offers.

Please place your orders through your Div. Reps. as listed below.

#### Committee Members

Chairman	Trevor Hall	FARL
Secretary	Liz Doe	FARL
Treasurer	Harry Iles	ATE
Publicity	Bob Nicholls	ATE
Purchasing	Ray Curnow	(currently off-site)
Purchasing assts.	Derek Raymont	ATE
	Keith Mason	ATE
Membership Events	Jackie Cook	PSD, New Rd.
	Steve Turner	CDD

#### Divisional Reps.

ADD	Alan Ward	2861
AS&R	Jerry Barrett	2831
ATE	Bob Nicholls	2676
CACD 1	Gerry Sharp	2922
CACD 11	Steve Esterbrooke	2803
CMS	John Sampson	2598
CDD	Steve Turner	2461
EDP	Steve Harris	2286
EMC Gads H	Steve Cross	Med 576531
FARL	Rob James	New Rd. 68
FCD	Mike Welham	2656
Fisher	Richard Nash	Med. 736535
GAU Stands	Roy Haigh	2432
GSD	Mike Tomkins	2398
GSD	Tom Bayliss	2649
GEC S/W	Ray Hutchings	01-240-7171
ISD	Stewart Ashdown	2918
MASD	Gary Pilbrow	2266
PSD	Jackie Cook	New Rd. 34
Personnel	John Neate	2203
Training	Barry Wallington	Med. 47923
RSD	Gerry Sanders	Nailsea 276
Wks. Eng.	Rex Austin	

#### Special Offers

##### Disc Drive for BBC

OPUS Disc Drive 5401 single-sided, 40-track, 100k/180k PLUS OPUS Double Density Disc Interface.

Total Package Price £117.00 inc. VAT & Delivery

##### New Amstrad Computer Recently Announced

##### Type CPC 612B

Features: Computer with 128k RAM Memory.

Built-in 3" Disc Drive. Colour Monitor.

Total Price £343.85 inc. VAT & Delivery

DISC 3" (Box 10) suitable for the AMSTRAD

Price £36.80 inc. VAT & Delivery

Date of next club meeting Monday 7th October 1985, to be held at Club House, Hoo, start 7.30 pm.

## Bat'n'trap

The bat 'n' trap season drew to a close on 1st August with those mighty war-horses of the game, "GAV Services", retaining the trophy they won in 1984, beating ATEA by 2-0.

Two leagues were used to find the 4 semi-finalists. From the Monday League came ADD & PSD (in their first year of competition) and from the Wednesday League came GAV Services and ATE 'A'. In the 1st semi-final — ADD v ATE 'A' — there was a scare for the much-fancied ATE 'A' team when ADD went 1-0 up in the best-of-3-leg semi-final, although ATE 'A' finally won 2-1, spurred on by the ever-trustworthy captaincy of Clive Ward. A special mention must be given to masterful Steve Norris, who hit out for nought in 2 of the 3 legs.

In the other semi-final (GAV Services v PSD) and with the score at 1-1, things were looking good for PSD. John "Hamlet" Marks was as brilliant as ever, Barry Edé (captain) rattling up 26+ runs throughout. In the 3rd leg (and with 9 people to choose from in the final), GAV Services moved up a gear. Whoever failed to get a wicket in the semi-final would be ruthlessly dropped for the final. Was it going to be evergreen Eric Ailchin (who came out of retirement to play and hasn't missed a game since 1937) or ever-handsome Jason Stone?

The last wicket was to decide who was dropped. Eric got the ball, aimed, took a deep breath and bowled. The ball whistled up the pitch & straight onto the centre of the trap. GAV Services had won 2-1 and through to the final with ATE 'A'. Jason Stone, dejected and in tears, walked away to contemplate his bat 'n' trap future (and to get drunk!).

The rest is history!

So what's the secret of GAV Services' phenomenal success? Here's an extract of the teams rules and regulations (published by Hamish Books @ £1.95 and available at all good book shops):

- (1) No spitting, (or any other bodily functions), no catering to base desires of the flesh or swearing allowed during the match.
- (2) The person who does not get any wickets during a match, or persons with the least amount of wickets, (in which case amount of runs scored by those players will be used in the calculations) will be dropped for the next match, unless his name is Colin Whitehead (hereafter called "The Boss"). This is because he does the yearly merits and the overtime passes.
- (3) Further to Rule (2) of the aforesaid rules, if "The Boss" gets the least amount of wickets in a match, Denis Masters will be dropped. This is because he is the smallest of the squad at a mere 5'2" (height that is!).
- (4) Adrian Lowe (hereafter called "The Captain") has the last say in all team matters, unless "The Boss" wants the last say.
- (5) The Referee's decision is final (unless we disagree otherwise).



**Bat 'n' trap finals**  
Winning team GAV Services. Back row, left to right: Jason Stone, Adrian Lowe (Capt), Ron Richards, Colin Whitehead, Dennis Masters. Front row, left to right: Eric Ailchin, Neil Bulcher, Tom Terry, Harry Hamblin.



Runners-up ATEA. Back row, left to right: John Carter, Chris Spearing, Steve Norris, Dave Hargood. Front row, left to right: Clive Ward (Capt), Peter Philpott, Peter Rann, Ray Randall.



# Sports and Social Club round up

## GEC Avionics — BP Kent Club

### 1985 ELECTION

Nomination for Ordinary Member of the Management Committee.

#### Four Vacant Seats

Candidate's Name	(Please print)
Division	Club No.
Signature	Date
Proposer's Signature	Club No.
Second's Signature	Club No.

This Nomination Paper is issued subject to Clause 5(a)(iv) of the Constitution and Rule 3. Nomination Papers must reach the Club Secretary by 21 October 1985.

## GAV/BP KENT CLUB

### 4th AGM

THURSDAY  
6th FEBRUARY 1986  
8 pm in Ballroom

Members are hereby advised in accordance with Clause 6 of the Constitution

PROPOSALS TO BE RECEIVED by  
7th November 1985

## REAPER CLUB

(formerly '65 Club)

The meeting held on 16th July was well attended, even though there were some of the regulars absent. At the Business meeting the monthly list of birthdays was given, also the wedding anniversaries. It was noted that Mr & Mrs Tom Bengier, were celebrating their Golden Wedding on 21st July, and they were serenaded with "My Old Dutch", in the Club manner, afterwards the President presented the 'Gold' award and a card. Both Tom and his wife made a short but apt response.

July 24th turned out to be a real "scorching", as the Club journeyed to The Thames Barrier, when the members were able to visit the Exhibition, or take a trip on the river to view the Barrier, with a coinciding commentary. Lunch was taken at the centre, before crossing London to go to "Little Venice", and where we embarked on narrow boats for a 2 hour cruise along the Regents Canal — up to Camden Lock.

The cruise was peaceful and with the lovely weather became an idyllic and restful journey.

Expressions of delight and satisfaction were given by the whole party, as they made their way home, arriving back in Rochester about 8.40 pm.



# CLUB-HOUSE ATTRACTIONS

**"MISS CELEBRITY" CONTEST and DANCE with "SPIRAL"**  
Saturday  
28th September  
7.45 — 11.30 pm  
Admission Free

**BAR LOUNGE ENTERTAINMENT**  
Friday  
20th September  
8 — 11 pm  
**WILL MARTIN**  
Solo Guitar

**DANCE with "KINGS RANSOM"**  
Saturday  
21st September  
7.30 — 11.30 pm

**CONTEST**  
(subject to sufficient entries)  
1st Prize £50  
2nd Prize £25  
3rd Prize £15

LADIES (16 PLUS)  
APPLICATION FORMS FROM  
EILEEN PAPWORTH, CLUB OFFICE,  
SNACK BAR, TO BE RETURNED BY  
FRIDAY 20th SEPTEMBER

**BINGO Section AGM**  
**GAV/BP CLUB HOO**  
Wednesday  
30th October  
8 pm  
Free Bingo  
and Free Raffle  
(Members only)

**CHILDREN'S DISCO with "BLUE HAZE"**  
Friday  
4th October  
7 — 10 pm

**BARN DANCE with "JEZREELS"**  
Saturday  
5th October  
7.45 — 11.30 pm  
Admission Free

**BUFFET DANCE (for the Over 50's) at GAV/BP CLUB HOO with "PEBBLE MILL"**  
Saturday  
16th November  
Sherry 7.15 pm  
Dancing  
7.30 — 11.30 pm  
Admission £2

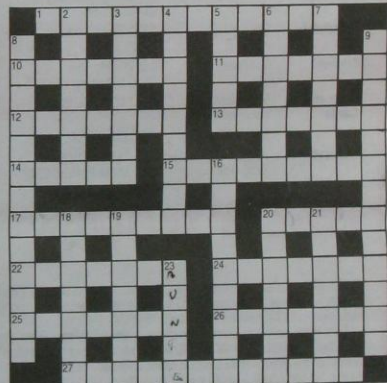
**"BEST BITTER" DUO CLUB BAR LOUNGE**  
Saturday  
19th October  
8 — 11 pm

**FAMILY FUN NIGHT with KEITH HOWARD and the "PHOENIX ROADSHOW"**  
Saturday  
12th October  
7.30 — 11.30 pm  
Admission Free

Tickets from  
Mrs Papworth - 2217/256  
and the Club Bar  
Coaches from Maidstone  
(via Airport) and  
Rainham  
(reserved seats only)

**"HALLOWE'EN" DANCE with "FLYIN - HI"**  
Friday  
25th October  
7.45 — 11.45 pm  
Admission Free

## Crossword No. 73



### ACROSS

- Take a collection among Friends (4-8)
- The returning seawater. (3-4)
- The ton up kid does it in a fiery manner. (5-2)
- Prerogative of the clans. (7)
- What the groaning Fraternity do. (7)
- An idol, maybe sculpture. (5)
- A dining place, subject to questioning. (5-4)
- The odd one out on parade. (3-2-4)
- A North-East wind is one (5)
- Fabulous heraldic animal. (7)
- The refuse mans stock-in-trade. (7)
- Intentional self slaughter. (7)
- European native. (7)
- Don't disturb the status quo. (3-4-5)

### DOWN

- An African Country on West Coast. (7)
- An Army grouping. (7)
- Omission to notice. (9)
- The tennis variety is painful. (5)
- Atomic Headquarters. (7)
- A Continental dish. (7)
- Makes the dummy understandable. (13)
- Has no time to stand or stare. (5-8)
- Integrity, without fear or favour. (9)
- Small, of insignificance. (7)
- Where the blooms are offered. (7)
- Manx Cat or last hair fashion. (7)
- Given to a learner by teacher. (7)
- A female relative. (5)

For amusement only

### Solution to Crossword No. 72

#### ACROSS

1. Sole survivor. 10. Hotel. 11. Honeycombe. 12. Thats Rat. 13. Goran. 14. Thrust. 16. Bassnet. 18. Especial. 20. Career. 22. Rooky. 24. Gut Guide. 26. Lies in wait. 27. Brand. 28. Storing area.

#### DOWN

2. Ostra. 3. Erlots. 4. Uphill. 5. Venetian. 6. Voyages. 7. Rio Grande. 8. Whats the drill. 9. Absent friends. 15. Improvers. 17. Hangnail. 19. Cayenne. 21. Algebra. 22. Binton. 25. Image.

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