

HASKETT TROPHY FOR ENGINEERING ACHIEVEMENT 1984

Mr Alexander has announced the winner from among four entries submitted for consideration by the selection panel, following presentations made by the team or individual entrants.

The entries submitted were:

'A real time Acoustic Simulation of Complex Anti-Submarine Warfare Scenarios for the Procedural Training of Acoustics Operators'

Submitted by: Mr G. Mills, MASD

'MIL STD 1553B ISO-CMOS LSI Chipset'

Submitted by: Mr R. Beasley and Mr M.P. Earl, FARL

The Cost Effectiveness of Weapon Delivery/Navigation Systems - A Study

Submitted by: Mr G. Barling, ADD

'Matrix Display Symbol Generator (MDSG)'

Submitted by: Mr C.D. Baggs, Mr G. Craggs and Mr K. Mitchell, FARL

The Panel comprising Dr B.J. O'Kane (Chairman), Professor J.T. Shepherd, Mr D.J. Jackson, Mr R.K. Barthrop and Mr P.W. Smith, judged the entries on Friday 4th May.

Congratulations to **Robin Beasley** and **Malcolm Earl** of Flight Automation Research Laboratory, whose entry was judged best of the four received, all of which were of very high standard showing technical innovation and potential for improving the competitiveness of our future equipment.

The device is already being incorporated by divisions in their latest products, for example ISD's Standard Central Air Data Computer (SCADC). Significant numbers are being exported by the fabricators, Marconi Electronic Devices Ltd and the chip set is generally acknowledged as the best implementation that is currently available. Mr Alexander has expressed his and the Company's appreciation for the effort put in by all the entrants and his congratulations to the winners.

We hope to have a report on the Presentation ceremony next month.

MORE ORIONS!

But now it's CQD keeping the airwaves 'clean'

Central Quality Department are now applying to Britain's motor industry some of aviation's most advanced techniques for assuring quality. In the newly-equipped Environmental Test Laboratories at Gad's Hill, CQD are subjecting leading manufacturers' cars to rigorous "electrical screening" tests to prove standards required for their future electronic equipment.

Three leading car manufacturers are now making use of the facilities, and others have expressed strong interest. As well as type testing, the company has also solved interference problems encountered in vehicles equipped for particular fleet operators.

One manufacturer is applying the tests to current production models, which have been fitted with new and more advanced electronics, see picture. The tests are to ensure that all the cars' electronic equipment will be immune from Radio Frequency Interference (RFI), to achieve the

condition known as Electro-Magnetic Compatibility (EMC).

The tests are also being carried out to establish criteria for future Government legislation, soon to be passed, related to EMC testing for road vehicles. Most drivers will have experienced RFI as the "crackle" on their car radios which happens near power transmission lines, but there are in reality many sources of interference which can adversely affect any electronic equipment.

During testing, cars are placed in the Environmental Test Laboratory's large-scale anechoic test chambers and subjected to a carefully-chosen spectrum of radio frequency energy, to simulate the worst effects likely to be encountered at any time during their life. Such testing, mandatory for an aircraft, is being applied to cars to "design out" any adverse effects of RFI on their future electrical and electronic equipment. In addition, the electro-magnetic energy at radio frequencies which a car itself emits is measured and brought

to within acceptable limits. This is to avoid interference with broadcast transmissions, other vehicles' electronics or roadside installations.

All this can be readily achieved on a car production line by very minor changes, in component design or in routing electrical wiring for example, once the effects have been measured precisely on a representative car.

As the number of electrical and electronic systems installed in motor vehicles has increased, (for ignition, remote control, entertainment, energy management, etc), the need for such "screening" tests and any consequent remedial actions has become important.

They are expected, in future, to form part of the programme of tests which all manufacturers carry out to prove a new design prior to production, thereby increasing product reliability and ensuring customer acceptability.

With the large numbers of electronically-equipped vehicles and of roadside electrical installations such as traffic signalling, power distribution, communications, and many others, there is an ever-increasing need to keep emitted radio interference to socially-acceptable levels.

This latest use of high technology skills and resources is an important example of MAV's exploitation of avionics in spin-off projects for all kinds of scientific and industrial applications.

The picture shows a Ford Orion undergoing preparations for testing by subjecting the car's electronic equipment to radio emissions in the range 25-200 MHz, by means of the Transmitting Biconical Antenna shown. The signals are transmitted at strengths up to 200 watts. A Field Measuring Probe checks the field strength within the vehicle. Similar tests are done to measure the radio frequency emissions of the vehicle itself. Tests also check for resonance. All these tests are carried out whilst a car's electronics are in operation. Here, Gary Oat, Environmental Engineer, adjusts the aerial while Frank Ewen, Deputy EMC Manager assesses the results.



Airborne Display Division Delivers latest dual mode head-up display system

ADD recently delivered their latest technology Dual Mode Head-Up Display (HUD) system to General Dynamics Corporation, Fort Worth, Texas. This HUD is destined to be fitted to the United States' Air Force newest fighter - the General Dynamics F-16C Fighting Falcon.

The contract, worth over \$75 million, took under one year from receipt of order to the time when the first unit was delivered to the Systems Integration Laboratory at Fort Worth two weeks early. After integration testing the HUD will be fitted to the F-16C (single seat) and F-16D (two seat) aircraft. Production rate for the HUD rises to 20 systems/month by August this year.

The HUD system comprises a Pilot's Display Unit (PDU) and Electronics Unit (EU). This latest PDU uses the largest practicable conventional optics which give the pilot a very large field of view, and allow the normal flight instrument, navigation and weapon aiming symbology to be better presented. The EU is built to the latest US Military Standards.

The dual-mode capability of this new HUD system allows video from a night vision sensor, such as Forward Looking Infra Red (FLIR), to be displayed as a raster (TV) picture. The pilot

then sees on his combiner glass a composite of the stroke written flight symbology superimposed on the raster sensor imagery. This composite picture is perfectly registered, one to one scaled, to the real outside world scene. This facility enables him to fly at low level at night using essentially the same visual cues that he would during the day. The large field of view given by the Marconi Avionics HUD is important in allowing this night capability to be fully exploited.

ADD first developed night vision HUD systems in 1971 and have led the world since that date. The F-16 C/D HUD will be the first system offering cursive flight symbology in both day and night modes to enter operational service. The on-time delivery of this first system is the result of a major team effort involving all departments and was marked by a glowing testimonial received from General Dynamics and read to ADD staff gathered to celebrate the event in the customary way.

Pictured at that event are (left to right) Bill Wilkinson and Jerry Woolley, GD's resident engineers at Rochester; Bob Ewen, Programme Management Executive, and John Spinks, Divisional Manager.



Marconi Avionics News
Editorial Office
Training Dept.
Airport Works
Rochester, Kent
Tel. 44400 ext. 188
(int. 2835)
Editor: Francis Lister

Liaison Officers:

Lynn Roberts, Atlanta, USA
Gerry Rich, Nailsea
Beryl Downie, Accounts
Lee Tribe, AS & RD
Sid Golding, CAC/FCD
Fergus Maloney, FARL (New Road), John Garstin, IND
Rod Cole, MASD, Dave Lucas, ADD, Mrs. J. Underwood, PSD
Bary Wallington, Training Centre, Joan Golding, ISD
Ken Castle, Ann Smith, ATEd
Enk Loti (Calibration) and John Brambleby, GyRO
Jane Wenham CQD (Gads Hill)
Maurice Sparham CQD (Flying School)

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



GEC National Young Employees Competition 1984

Once again, time has come for the annual National Young Employees Competition to be held, during the weekend Sept 28-30 1984. The competition involves all GEC companies who wish to compete and has its inspiration taken from the BBC television programme "Now Get Out Of That".

Last September the competition was run for the first time at a location in mid Wales. Marconi Avionics entered one team and out of a total of fifty-six contesting teams we managed to come fourteenth. This year we intend to win!

The competition idea was quite simple. Teams comprising four people were required to compete in exercises of both mental and physical agility over a thirty-six hour period. The tasks supplied were supposed to be successfully completed in a set time period, penalty points being given for any over-spent time or ensuing mishaps. Each task was held at a separate location on a fifteen mile course requiring moving across the Welsh countryside to reach them. At the task location, problems and puzzles had to be solved using limited and sometimes not directly-related resources. Obstacles that required negotiation included crossing a river on a team constructed raft, abseiling, and traversing a rope bridge. Also in the exercise was the task to build a night shelter and cook a rough meal from a chicken provided.

To attempt to achieve our goal of winning this year, MAV is submitting two teams. Each will consist of four members and

one reserve. One such team will consist of five selected nominees from the company, whilst for the other team we require five enthusiastic volunteers.

The only prerequisites for volunteering are that you must be a full time employee of Marconi Avionics, no greater than twenty-one years of age at the end of September 1984 and prepared to commit yourself to some time in training for the event in the coming months.

If YOU can fulfil these, are of normal fitness and would like to contribute to this exciting event, WE would like to hear from you right away.

An application must be made in writing stating your Name, Division, Dept. and Int. Tel. No. and specifying why you would like to enter, along with any previous experience you feel you have that might come in useful in this event. Please send your application to one of the following persons by no later than 18th July 1984. As long as your application arrives on or before that date it will be considered.

Mark Stimson (ATEd Eng. Dept. - Main Site)
Ian Bramhill (PSD SW Dept. - New Road)

Notification will be given to all applicants no later than two weeks after the closing date, advising them of the outcome of their application. The organisers' decisions regarding team membership will remain final.

Would YOU want to miss out on this exciting opportunity?

**COPY DATE NEXT
ISSUE THURSDAY
6th JULY**

Dear Editor,
I am writing to you in the hope you can find a small space in the MAV News to say a few lines of thanks and appreciation to all my friends and colleagues from MASD and other divisions for their contribution toward my retirement day 19th April, a day to remember.
I am sure I never got round to saying goodbye to all; after 34 years' service there are so many spread around. With the MAV News all will see I hadn't forgotten them. Thank you.
Regards
Len Kemp
Ex Snr. Buyer MASD Purchasing

Apprentices and trainees complete training

We congratulate and welcome to their first appointments the following apprentices and trainees who have completed their training in recent months.

Apprentices
Robert Acey, CACD Production; Graham Adams, ISD Production; Stephen Alderman, PSD Engineering; Robert Archer, AS & RD Production; Nigel Atkinson, ADD Engineering; Ian Attee, MASD Production; Karen Baguley, ADD Engineering; James Barrett, CMS; Mark Batt, Gyro Production; Sally Blackman, MASD Production; Mark Bland, ADD Production; Angela Brehony, ADD Production; Barry Brown, ADD QA; Richard Brunt, ATEd Engineering; Donald Cambell, MASD Engineering; Mark Cesary, AS&RD Production; Tony Cheeseman, AS&RD Production; Martin Clare, AS&RD Production; Robin Corder, AS&RD Production; Daniel Darni, RSD (Byfleet); Martin Davison, MASD Production; Andrew Day, ADD Engineering; Philip Drew, IND QA; Kevin Dunne, CACD Engineering; Mark Eastdown, ADD Engineering; Mark Endacott, MASD Production; Simon Fagan, ADD Engineering; Andrew Foad, IND Production; Lynn Fosbeary, ISD Sales; Nigel Fuggles, CMS; Paul Fuller, CACD Production; Guy Gibson, ADD Engineering; Andrew Gray, MASD Engineering; Richard Hannah, ATEd Engineering; Colin Hedditch, IND Production; Peter Hurley, ADD Production; Mark Jackson, Gyro Production; Simon Jackson, ADD Production; Mathew John, Gyro Production; Timothy Kemp, AS&RD Production; Mark Lambkin, AS&RD Production; Andrew Ledger, ATE Engineering; Mark Lockyer, ADD Production; Simon Lowndes, MASD Production; Paul Martin, FARL; Andrew McItheron, ISD Engineering; Philip Mooney, MASD Production; Neil Moore, ADD Production; Andrew Mugford, ATEd Engineering; Simon Mutter, ISD QA; Nicholas Oxford, MASD Production; Chun-Ka Pang, Gyro Engineering; Suzanna Perry, Gyro Production; Mehmer Ramadan, ISD Engineering; Peter Rann, ATEd Engineering; Stephen Ray, ISD Logistics; Ian Reid, ADD Production; Andrew Riddle, ATEd Engineering; Anthony Rogers, PSD Purchasing; David Salter, PSD Production; Richard Saunders, MASD Engineering; David Shallcross, Gyro Production; Jane Shovelier, CACD Production; Gordon Siggers, PSD Engineering; Andrew Silveston, IND Production; Mark Slater, MASD Production; Paul Stacey, AS&RD Tech. Pubs; Andrew Thirgood, PSD Engineering; Darren Tiley, ATEd Engineering; Andrew Weaver, MASD Engineering; Christopher Westcott, CMS; Paul Williams, ATEd QA; Paul Williams, ADD Engineering; Andrew Wood, Gyro Production; Paul Woollett, MASD Engineering; Paul Young, AS&RD QA.

Trainee Draughtspersons
Mark Cheeseman, ADD; Jonathan Harvey, IND; Patricia Herbert, ADD; Anthony Horsey, ATEd; Kay Law, ATEd; Graham Peek, MASD; Mark Simpson, CACD.

Trainee Technical Writers
Jennifer Evans, ISD; John Carroll, MASD; Stephen Clarke, IND; Mark Johnson, CACD; Stewart Manewell, ADD; Luigi Papagno, AS&RD; Jane Rowland, ADD; Michael Veltch, CACD.

Free Banking

The Company have been able to secure suitable arrangements for employees to gain free banking by joining any of the following:-

Barclays offer 1 to 2 years free banking for employees, depending upon certain criteria.
National Westminster Bank are offering 2 years free banking and waiving of maintenance charge providing the current account is kept in credit, with no other restrictions.
Williams and Glyn's Bank offer free banking with no time restrictions as long as the customers keep their account in credit.

To find out more about these new benefits contact John Neate, Personnel Department, Telephone Internal 2203, External 465.

Pastures New

David Bird (AS & RD)

David left on Friday 27 April, after 16 loyal and hardworking years with the Company — including 11 years with AS&RD. He started his career with the Company in CQD as a Specification Writer in 1968 and later joined the Maintenance & Reliability Team with data processing being carried out at Gillingham Borough Council. In 1973 he came to AS&RD to manage the M & R System, including the coding of defect data, machine operation, Library management (Defect Records) and Report Analysis.

He is now going to start a business of his own in a General Store at Gillingham.

His friends and colleagues collected and presented him with a coffee making machine and sundry other gifts and all wish him every success in his new venture.



SMALL ADS

Knitwear by Sherryanne

Made to measure machine knitted garments, variety of styles & patterns, personalized motifs a speciality.

Anne Wells, 17 Bedford Avenue, Rainham, Kent.
Medway (0634) 368984
or enquires to Robin Sheridan, MASD QA (int 2786)

Planning entertainment for fetes, childrens parties etc?

How about a show with magic, audience participation and balloon modelling? Interested?

Then ring Tony Hanscombe on Medway 366192 (evenings and weekends) or internal 2879.

Houses/flats wanted to rent, this summer

2 groups of 2 (or one of 4) male students from Bath University. We are a respectable/responsible bunch on placement (again) at airport works from 16th July for 10 weeks. Can you help? Please write to Craig Forster, Flat 2, 7 Walcot Parade, Bath, Avon, with details or contact F.C.R. Latter in Training Dept.

Congratulations

Engagement

Congratulations to Peter Knapton, ADD Model Shop, and Diane Woolmer, Gyro Library on their engagement on 13th July — from all their friends and colleagues.

Marriages

Richard ves to Tracey on 5th May. Best wishes from IND.
John Butler and Anita Tether, both of AS & RD, on 19th May. Everyone in the division wishes them future happiness.

New Arrivals

Born to Sue and Dave Burton of ISD's SMS team, a son on Wednesday 2nd May.

To Jane and Gerald Giddins, a daughter Emily Jane on 5th June. Gerald is a Technical Assistant in CACD.

Future Events

Christine Tucker (AS&RD)/Andrew Tucker (FCD)

Christine 'retired' on Friday 27 April to prepare for the arrival of her first baby. She first joined AS & RD as a junior in 1974 and later worked as the Divisional Telex Operator. For the past 7 years she has worked as Secretary to the Sales Manager.

Christine is married to Andrew Tucker, Production Project Controller in FCD, who started work with the Company as an Apprentice.

A collection made in AS&RD purchased a high-chair, which was presented to Christine with very best wishes from her colleagues in the Division. Presents from her many friends included a hand-knitted cot blanket, hand-crocheted pram cover, christening gown, wooden-rattle (also hand-made — very talented people in AS&RD!) nightdresses, various baby clothes and flowers.

Good luck Christine and Andrew from all your friends in AS&RD.



Christine receiving gifts from Bill Bland, Sales Manager.

Sue Wanstall, Project Admin Officer, in ATE Engineering, left to have a baby on Friday 13th April. Presents of a baby bath and accessories were presented to her and her husband Ken of ATE D.O. Also a gold bracelet was given to Sue as a keepsake for herself from her friends in ATE. Best wishes to Sue and Ken.

www.rochesteravionicarchives.co.uk

The Job Release scheme explained

Since its introduction, 43 Company employees have taken advantage of the Government's Job Release Scheme.

The Scheme is a special employment measure designed to create extra job opportunities by making it possible for people approaching state pension age to cease working earlier than they otherwise would.

The scheme is entirely voluntary for employers and employees. Acceptance of applications and payments in any case are entirely within the discretion of the Secretary of State for Employment. The general terms of the scheme are as follows:-

1. Only men aged 64 and women aged 59 or disabled men aged 60-63 are eligible to join the Scheme.
2. For your application to be considered
 - a) You must undertake to leave your job.
 - b) You must undertake not to take another job or receive any state benefits until you reach state pension age.
 - c) The Company must undertake to replace you by recruiting an unemployed person.

3. The allowance is currently	Tax Free	Taxable*
Higher rate	£60.65	£70.55
Lower rate	£48.00	£57.35

* This rate is paid to disabled men who qualify and are taxable because the law requires allowances capable of being paid for more than one year to be taxed, and to compensate for this the allowance is higher.

4. For both the taxed and tax free schemes the higher rate is for married couples meeting certain conditions.
5. You cannot change from the taxable scheme to the tax free scheme or visa versa.
6. You must apply at least eight weeks before you wish to leave work, but no earlier than six months.
7. Your basic pension will not be adversely affected if you join the Scheme and any National Insurance contributions as may be required will be credited to safeguard your entitlement. However, some benefits such as rent and/or rate rebates could be affected and therefore you should check with the appropriate authority/body.
8. The result of your application is sent direct to you by the Department of Employment, therefore you must remain in your job until you have received notification of acceptance. If accepted you must remain working until the last working day before the allowance is due to begin, as if you leave earlier the allowance will not be paid.

If you are eligible for an occupational pension you should check with the Pensions Officer as to what effect there is on your pension rights through leaving your job before normal pensionable age. An occupational pension does not stop you from receiving the allowance.

If you wish further information contact Peter Bowyer, Personnel Department, Internal Ext 2212, External Ext 52.

Appointments and promotions

Many senior appointments have been announced over the last few weeks. Congratulations to all concerned.

Ray Reese is Assistant General Manager responsible to Ron Howard undertaking general management duties in the Flight Group particularly for CACD, FCD, ISD and PSD.

David Clews is Group Manager (New Projects) and Phoenix Programme Executive, also responsible in the Flight Group for marketing activities and the Future Systems team.

Keith Snelling moves from ISD to be Divisional Manager of CACD.

Brian Tucker is now Divisional Manager of FCD.

David Hooper is Divisional Manager of RSD, now moving to Naisea.

Gordon Belcher is Group Technical Manager of the Flight Group, responsible to David Clews.

Ray Dennis is Technical Manager of FCD.

Fred Mackley is Technical Manager of ISD.

Simon Frost is Technical Manager of CACD.

Norman Evans is Company Quality Co-ordinator.

25 YEARS' SERVICE

Ivan James having completed 25 years service with the Company on 25th May, was presented with a carriage clock by the Divisional Manager of IND, Bob Ruggles, accompanied by Dave Harries Production Manager and also President of the Long Service Association.

Ivan joined the then Elliott Bros in 1959 as a prototype wireman on his demob from the RAF. He had served an apprenticeship in H.M. Dockyard. Ivan started in GW Division before transferring to IND where he worked on the Blue Steel contract joining the Inspection staff during this time as an Electrical Inspector. At the end of the Blue Steel contract Ivan moved to ATE Drawing Office during the TSR2 days, then moved to TACD as a Senior Inspector working on equipment for Concorde, BAC 1-11, VC 10 and C5A, during which time he was asked to set up the inspection planning department.

In 1972 Ivan returned to IND at a time when a lot of effort was being put on the Jaguar equipment, continuing as an Inspection Planner.

Ivan is married and has five daughters and 10 grandchildren.



Following the Prayer for the Poor Secretary, here is a lament from the other side of the desk.

TIME OFF IN LOO?

We see it every morning, it happens every day. A double file of female staff meanders on its way. The thing that puzzles all the men, and gives the boss grey hairs

Is why, when serving Nature's calls, they have to go in PAIRS? Perhaps the trip's demanding, and the toilet dark and lonely—

But two by two they reach the loo by the door marked 'LADIES ONLY'.

The poor Boss stands, and tears his hair, he's simply mad with grief,

The day's production goes to pot, while girls go on relief.

At two o'clock each afternoon, the march begins once more.

But what on earth goes on all day, behind the toilet door?

The only way that I can see to make production boom,

Is to move the whole damn typing pool inside the Ladies room.

DON'T DELAY BOOK YOUR WINTER HOLIDAY, TODAY

Although this phrase may seem a little early to some, the Winter brochures are now beginning to appear.

Pickfords' Wednesday Travel Desk finished on 30 May and will re-commence on the 5 September 1984. However, if you still have not booked that Summer Holiday or thinking about sampling the sunshine in the Winter, contact:

JOHN NEATE, PERSONNEL DEPT. TEL: Int 2203. Ext. 465

OR

PICKFORDS TRAVEL, 171 HIGH STREET, CHATHAM

Tel Nos. MEDWAY 43453/40872

Blood Donors

Sister Gordon says

"I have received a letter from the Blood Transfusion Service re their last visit to the factory. A total of 569 units of blood was collected, and they would like to thank all who participated in the scheme. The next visit will be October 15th-19th."

RETIREMENT

On Friday 1st June Dave Harries, Production Manager of IND, presented **Mr M. Osborne** 'Ossie' with a Black and Decker Electric Plane on behalf of his friends and colleagues.

'Ossie' started his working life as a Baker and Confectioner. Throughout the war he worked as a Wireless Operator with the Royal Artillery, seeing service in North Africa and Italy.

After the war Ossie worked for Tilling and Stevens for 20 years. In August 1976 he joined IND as a Mechanical Inspector.

He is married with a son and daughter and is interested in gardening, cake making and sugar work. He made a large iced cake to share between his colleagues with the inscription 'Good Luck to IND'.



Sports and Social Club round up

21st INTER-DIVISIONAL ANNUAL SPORTS DAY

Saturday 14th July, 1984

Commencing at 1.30 p.m.

At Deangate Ridge Sports Complex, Hoo

Changing facilities at the MAv BP Club House, Four Wents, Hoo

Events	Girls	Age
Ladies		
Javelin	100 Metres	10/12
Discus	100 Metres	13/14
Shot	100 Metres	15/16
High Jump		Boys
Long Jump	100 Metres	11/12
100 Metres	400 Metres	13/14
4 x 100 Metres	800 Metres	15/16
	100 metres Veterans	
Gents	Handicap (date of Birth required)	
Javelin		(All at 1st September 1984)
Discus		
Shot		
High Jump		
Long Jump		
100 Metres		
200 Metres		
400 Metres		
800 Metres		
1500 Metres		
4 x 100 Metres Relay		
1500 Metres Walk		
Tug-of-War (6 Man Team)		

Competitors please note that the competition starts at 1.30 p.m. sharp. Closing date for entries - Tuesday 3rd July, 1984

MAv/BP Computer Users Club Club News

Our meeting on 21st May at Hopewell Drive, although started late due to a power cut, was highly successful and featured an excellent hour long lecture given by Paul Sutton and Terry Stormont of MASD and the Atari Sprite Club.

We apologise to Tom Bayliss of Gyro, Purchasing Officer of MABCLUB, for leaving him out of the list of Committee members published last month.

Members may now borrow from Tom a VHS 'Master Class' tape, entitled 'Starting Basic with the BBC Microprocessor'. This incorporates 3 practice programs which can be downloaded from the audio channel.

Tom has asked us to mention Regal Software Supplies, 16 High Street, Gillingham (Tel. 579634 Mr. Clive Greenstreet), who can supply, at discount, items not available through the Club.

The Acorn DFS System is now available (through Medway ITEC) Price £70.84 - Contact Tom Bayliss, Gyro.

THIS MONTHS BULK BUY

Save up to 20% on the price of a TV/Monitor Philips 14" Colour TV with RGB input & lead for BBC Computer.

Price £211 + Carriage (VAT included)

Enquiries to: Ray Cumow ATE Engineering (Internal Phone 2653).



Sports and Social Club round up



Colwyn Stone Trophy 1984

The 1984 visit to the Marconi Sailing Club on the Blackwater by Rochester sailors was again very successful. Despite a bad forecast 5 cruisers made the trip led by Jack Pateman, the Marconi Sailing Club President.

The Rochester dinghy team was Richard Stone, Peter Belcher, Gordon Belcher (all in Lasers) with Maurice and Pam Chapman in an Enterprise and their son Mark in a Topper. The Marconi Sailing Club team was Frank Savill, Ron Greygoose and M. Stuart in Solos and D. Webb and J. Walker in Enterprises.

The wind was ideal for Lasers at the top end of force 3, gusting to force 4 and in a direction to give mainly reaching courses.

In the first race the Lasers quickly pulled away, chased by the Solos. Richard Stone led at the windward mark, but Peter Belcher overtook him downwind and stayed ahead to win. The broad reaches gave some fine planning.

At the second gybe mark Gordon Belcher capsized allowing Ron Greygoose to catch up and beat him on handicap. Maurice Chapman, despite a pre-race capsize, sailed well to beat the two Marconi Sailing Club Enterprises, whilst Mark though last on the water, sailed above his handicap to be fifth.

For the second race the course was changed to give more beating. Despite this the Lasers again pulled away from the start. Again Richard Stone led at the windward mark but Peter Belcher's faster speed downwind allowed him to overtake, despite hitting a mark. Peter gradually pulled away to win the race and the trophy for the third year in succession. Richard Stone was second and Gordon Belcher third. Maurice Chapman was close to the Lasers until the wind increased on the third lap and he finished fourth equal.

Again Ron Greygoose was the highest placed Marconi Sailing Club boat at equal fourth, but the unusual wind direction puzzled the home team more than the visitors and they missed crucial wind shifts.

The trophy was presented to Peter by Joan Stone. The sunny weather, ideal winds, good food and pleasant company made it another very enjoyable day.

Results

	Race 1	Race 2
Rochester		
P. Belcher (Laser)	1	1
G. Belcher (Laser)	4	3
R. Stone (Laser)	2	2
M. Chapman (Enterprise)	8	4=
M. Chapman (Topper)	5	9
	19%	18%
Marconi Sailing Club		
M. Stuart (Solo)	6	8
R. Greygoose (Solo)	3	4=
D. Webb (Enterprise)	9	6
J. Walker (Enterprise)	Retired	10
F. Savill (Solo)	7	7
	36	35

Marconi Avionics Brass Band

Engagements additional to last month's announcement

Friday 13th July at 7.30 p.m.

Concert for Cancer Relief, Great Ormond Street, Help the Children M&V canteen

Monday 17th December at 7.30 p.m.

Carol Service All Saints Church, Chatham.

Elliott AC/Marconi Avionics

Placings in 1984 London Marathon

118 Alan McGee (EAC)	2 hr 24 min 19 sec
Also Malcolm Drewith (EAC)	2 hr 36 min 00 sec
Campbell Smith (EAC)	2 hr 47 min 00 sec
Mo Jury (EAC/ISD)	2 hr 52 min 36 sec
Paul Nihill (ATED)	3 hr 08 min 22 sec
Jim Beany (EAC/ADD)	3 hr 08 min 52 sec
Mike Bloore (EAC/ADD)	3 hr 18 min 58 sec
Valerie Lemmis (EAC)	3 hr 28 min 36 sec
Brian Ellender (AS&RD)	3 hr 52 min
Lloyd Langley (FARL)	4 hr 15 min 00 sec
Robin Corder (AS&RD)	4 hr 25 min

Not many reports of sponsorship money confirmed yet but we do know that Brian Ellender raised over £200 for Children's charities. Well done everybody! Also in the local Ho Peninsula sponsored walk in April, N. McLean raised nearly £40 for the RNLI.

M&V/BP Kent Bowls League (Indoor 1984)

Final Positions

TEAM	PD	W	L	D	PTS	AVER.
1 Barrett. D.	10	10	0	0	20	+149
2 Woods. J.	10	7	3	0	14	+31
3 Boynes. D.	10	7	3	0	14	+9
4 Stevens. E.	10	6	4	0	12	+36
5 Latter. W.	10	5	5	0	10	0
6 Bufford. J.	10	4	6	0	8	-10
7 Christian. D.	10	4	6	0	8	-28
8 Crucifix. M.	10	4	6	0	8	-33
9 Latter. B.	10	3	7	0	6	+2
10 Skilton. P.	10	3	7	0	6	-35
11 Medhurst. M.	10	2	8	0	4	-94

Any persons requiring a team please contact: P. Barrett M&V/BP Competition Sec Int. Phone 2494

Retired Personnel Club ('65)

The April Meeting, which occurred near to the Easter Festival, gave us the opportunity of delightfully expressing the seasonal thoughts, with an "Easter bonnet" Parade. The creations were many and varied, and presented a pageant of colour. The winners, selected by a team from the Canteen and Bar Staff, were 1. Mrs Cyril Boorman, 2. Marjorie Roberts, 3. Mrs Taylor. In addition the whole of the competitors received a gift of sweetmeats!

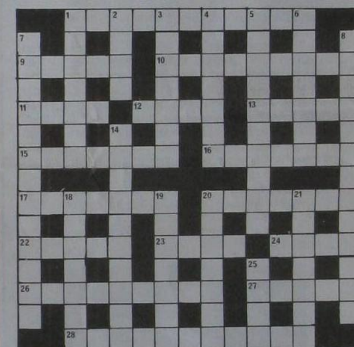
This followed the usual business meeting, when the Birthdays and Wedding Anniversaries were announced and greeted. The entertainment which followed, was a concert by the local artistes — Galli and Ross.

The May meeting also welcomed many new members to the club, which is fast growing in numbers. After the business meeting, and the usual greetings and Bingo, the entertainment was given by a team of youthful MIME Dancers. This musical show of expression and body movement was a delight and pleasure to watch. The performers were a talented group of young people, and the highlight was the "Al Jolson" sequence. Norman Williams was the Pianist.

On May 30, the first of our Club Outings was held. What a wonderful day we had! After the wet, cold and stormy weather of several weeks, we had the sun to warm us. It was a bright, hot and dry day, and made the trip through the Kent countryside — Sutton Valance, Tenetorden, Biddenden etc. to Hastings, via Fye and Winchelsea a real pleasure. After a stay in Hastings for several hours, the return journey began through Battle and Goudhurst, to the next stop at Bewl Bridge Reservoir and Picnic area. This is a very pleasant spot, offering facilities for picnicking, walking, boating and fishing. A one time valley, where iron ore was smelted and iron forging took place, the whole valley has been flooded to provide water to the area of the Southern Water Authority, and has become the largest lake in S. E. England.

Our return was by way of the northern part of East Sussex, and a very happy and satisfied party arrived home around 8 p.m.

CROSSWORD No. 62



ACROSS

- An excuse for not giving service, or job on time. (5-6)
- Artless, amusingly simple. (5)
- An undertone. (5-4)
- The using of molars to do it. (4)
- Brick making, or firing process. (4)
- Acting for someone else. (5)
- A Quarter day of March. (7)
- Stifling, apparent on a hot day. (7)
- Full of "up and go" — whizz kid. (7)
- And muscles too! (7)
- The colour of old photographs. (5)
- Not many around. (4)
- Making fun of, to amuse (Curtail). (4)
- Servicing as an example, without fault. (9)
- Destruction? No a French City. (5)
- Popular competition, now defunct! ggl buzzing. (8-3)

DOWN

- A Cleric's salary. (7)
- A Cooker, of a particular sort. (4)
- To give evidence, maybe experience. (7)
- Old reference — insects' feelers, now feels air. (7)
- What a clanger! (4-1-5)
- Rochester is one, but not Maidstone. (7)
- A criminal's tooling device, jointly. (7-6)
- One time Law enforcement tier. Now absorbed. (5-8)
- Look at a man, it goes up and down! (5-5)
- Children? Slang maybe, but sharp. (7)
- To cut short, reduction. (7)
- Continue, keep the action going. (5-2)
- For games, entertainment or lazing. (7)
- Sort of baby cot, around December. (4)

For amusement only

Solution to Crossword No. 61

ACROSS

- Childishness; 10. Outlook; 11. Station; 12. Bravo; 13. Emulate; 14. Raked; 15. Tennessee; 17. Seventeen; 20. Hop It; 22. Removal; 24. Theorem; 25. Entree; 26. Outpost; 27. Green Keepers.

DOWN

- Hot Rack; 3. Leopard; 4. Ink Bottle; 5. Haste; 6. Erasure; 7. Spirals; 8. Lombard Street; 9. Underestimator; 10. Ninety one; 18. Vamping; 19. Navarre; 20. Heel Tap; 21. Parlour; 23. Learn.

Photographs taken by the Staff Photographers will be acknowledged in the following way: (A) Alan Keats; (B) Ian Douglas

The views and opinions expressed by contributors are not necessarily those of the Editor or Company. Any such opinions or comments are those of the contributor alone and are printed solely as a matter of interest.

Produced by Phoenix Publicity and Print Limited, Bradford, for Marconi Avionics Limited, Kent and printed by John H. Hirst & Company Limited, Cleckheaton, Yorkshire



CLUB-HOUSE ATTRACTIONS

ELVIS RECORDS ROCK 'n ROLL NIGHT

on Friday 17th August
8 p.m. until 11.45

Tickets from the Bar and
Graham Bird 2416
Rod Cole 2015

DANCE

with
"KING'S RANSOM"

on Saturday 28 July
7.45 - 11.45 p.m.

Admission Free

COUNTRY AND WESTERN EVENING

Saturday 7th July
"PASS THE BUCK"
8-11.45p.m.

ADMISSION FREE

AN EVENING AT THE RACES

Saturday 4th August 8 p.m.
EIGHT FILMED RACES

Gate Tickets: 20p each
ADMISSION FREE

CABARET EVENING

with
KEITH HOWARD
and
FANCY DRESS
COMPETITION

On Friday 27th July
7.30 - 11.45 p.m.

Tickets from Bar and
Graham Bird 2416

CHILDREN'S FRIDAY DISCOS

6th July
3rd August
7th September
5th October
7-10 p.m.

CHILDREN'S WEDNESDAY DISCOS

25th July
15th August
19th September
7-10 p.m.

PUB NIGHT

with
DAVID FORBES
at the Hammond Organ
Friday 13th July
8-11 p.m.

SPORTS DAY PRIZEGIVING

Saturday 14th July
approx. 5p.m.
ENTERTAINMENT LATER

BP REFINERY RETIRED FOLK "AT HOME"

Wednesday 18th July
Afternoon and Evening

DANCE

with
"HAPPY DAZE"
Saturday 21st July
8-11 p.m.
Admission Free