

# **GAv's Shop Window** for the **World's Armies**

A wide range of GAv systems and equipment was on show at BAEE, the Brilish Army Equipment Exhibition held at Aldershot last month.

the development and produc-ever tion are proceeding well for nent entry into service with the busi-British Army, who will then have Phoenix's all weather, sions 24 hour target acquisition and surveillance capability. Aldershot last month.

This is an important event at which the capabilities and products of the defence industry are on display for senior military and diplomatic visitors invited from the visitor invited from the vorid, arranged on rather similar arranged on rather similar allines to Farnborough but not open to the public — for perhaps obvious reasons. Opportunities are taken by manufacturers to introduce their products to existing and

successfully shock tested to 25,000 G.

Other GAV equipment on view included ATED's ORION 9000 and ATE range, Applied Physics Division's Laser Rangefinders, and units from RSD at Nailsea. GSD also exhibited their Ring Laser Gyro technology units which form the first military application of RLGs in the UK.

UK.

During the week of BAEE, over 60 company management and divisional representatives were on duty at various times. We may have some pictures of them in our next issue.

# **Further**

## **business** for ISD

On 30 June, ISD was awarded a \$2.6 million contract from USAF Aeronautical Systems Division, to develop and test a new SCADC variant for the Grumman F-14 A/D Torncat. The unit which is based extensively on the proven SCADC 'core module' concept incorporates several new features associated with providing high-quality Air Data for this variable-geometry front line strike aircraft.

geometry front line strike aircraft
The contract initially calls for delivery of 10
units for Operational Test in the spring of 1989.
Options for delivery of up to 900 production
units, at a value in excess of \$40 million, are
included in the contract for delivery
commencing in late 1990.
Earlier in June, USAF ordered a further 501
SCADC units for delivery between April 1989
and July 1990 at a contract value in excess of
\$20 million. This brings the total number of
SCADC units on order to 4266, of which over
2400 have now been delivered.



## **FARL/ADD Team receive** The Haskett Trophy

The 1987 Haskett Trophy for Engineering Achievement was in FARL during the early development work on the team of three engineers from FARL and ADD, whose entry "Binocular Helmet Mounted Display System" was judged outstanding among the five high quality contenders.

was in FARL during the early development work on the team of the

outstanding among the five high quality contenders.

The prize of £1500 was shared by Keith Harvey, Sarah Haskett, widow of the Senior Development Engineer, and Mike Ewer, Development Engineer, both of FARL, and Alex Cameron, Project Leader of ADD; Alex

The Trophy was handed over for the eleventh time – by Sarah Haskett, widow of the Sarah Haskett in whose memory the Trophy was inaugurated.

awarded to Stewart Barlow, Development Engineer of RSD at Nailsea. This was for "Design of a High-Density Digital Recording System".

The adjudicating panel was Dr B O'Kane former GAv Chairman, Paul Rayner, Peter Smith and Dave Hussey, with Mr G C Howell, Director of Research of the Civil Aviation Authority.

It is expected that the 1988 Haskett Trophy competition will open in the next few weeks.

## We're Delighted to See You Here!

On 24 June, GEC and GAv were hosts to His Excellency Ji Chao Zhu, Ambassador to the People's Republic of China and some accompanying officials, when they visited Airport Works.

The visitors heard descriptions of the products and activities of the three Groups of divisions, saw a display of equipment, and were shown round parts of ADD, before funching as guests of Lord



Winners Alex Cameron and Keith Harvey with Sarah Haskett, and Stewart Barlow. Mike Ewer was away



On arrival by helicopter, His Excellency the Ambassador was welcomed by Lord Prior, with Ron Howard; at left is Commercial Counsellor Li Hau Ren



Llaison Officers:
Lynne Bates, Atlanta, USA
Genry Rich, Nailsea
Mick Thomas, ASSRD
Sid Golding, CACD-PCD
Fergus Maloney, PAEL (New Road); Clive Baker, GSD
Fergus Maloney, PAEL (New Road); Clive Baker, GSD
Feng Vallington, Training Centre,
Wallington, Wa

## **Editor's Notice Board**

A Beginner seeks SHOGI players. Anyone interested please contact Neil on Ex. 3366.



## **BARCLAYS** EASTER EGGS

If you are wondering about the result of the Easter Egg Draw which was held by Barclays Bank at the factory sub-branch, here is Rochester Branch Manager Brian Ernery presenting the first prize to Richard Cotterill. Development Engineer in GSD. Looking on are 2nd prize winner Alan Boorman, GSD Chief Librarian, and 3rd Eileen Aberre, Progress Chaser in ATED.



# SUGGESTION OF THE YEAR

The second award for the Suggestion of the Year was Suggestion of the Year was presented by Ron Howard to Roger Sultters. Quality Technician in AS&RD. Roger eccived the shield which will be on display in the Towers Reception showcase, with a Certificate and last but not least a cheque for £300. His suggestion concerned the fabrication of a special gauge to establish the height of four "nut specials" used to support the Jaguar Inertial Platform. The ability to measure these items prior to the costly and complex testing of the platform ensures that test time is not wasted.

The runners up were Paul
Croucher (left) and John
Govier, Instrument Fitters
in ISD. Their suggestion,
which earned them Certificates and £100 each,
concerned the manufacture
of a special hand tool
to separate connectors
attached to flexible printed



circuits without placing stress on them. This tool has proved effective in reducing the damage caused to these components.

Manager

Boardman commented as he introduced the winners, that 1987 had brought about 70 suggestions, an improve-ment on the previous year; 32 awards were made, 32 awards were ma ranging from £10 to £185.

Now the field is wide open in 1988 for your suggestion to compete for the big prize.

## "Bike Ride for the Babies"

Ron Flewett of GSD Planning is the proud father of Kelly, is the proud father of Kelly, born nine weeks prematurely in February in All Saints' Hospital and who was taken into the Special Care Baby Unit. Following a month of their devoled care Kelly is now flourishing, and Ron decided to show his gratitude and that of his wife Pauline by undertaking a sponsored bike ride.

sponsored bike ride.

Ron and his friend Mark

Jackson of GSD Test rodethe 130 miles to Southampton
on 15 May, taking about ten
hours non-stop, somewhat
longer than their daily journey from Lordswood.

They were accompanied by a van, driven by Ron's brother Steve, which was lent by Fisher Controls.

The reward was over £1000 of sponsorship, from individuals both in GAv and outside, for handing over to the Baby Unit.

Dear Sponsors, I would like to take this of the Special Care Baby Unit. All Saints Hospital.

Mark Jackson and myself



Ron and Mark, a couple of weeks before their spo

with the supportive help of my brother, raised the excellent sum of £1,054 and with other donations of £144, this came to a grand total of

So once again I would like to express my sincere thanks for your support. Yours thankfully.

Hove Ron Flewett

# Have you considered joining the Charity Fund?

If not, have you asked yourself, why not?

Consider how many local people you could be helping who are less fortunate, by donating just 10 pence per week.

With all our contributions plus the company matching contribution, many more charities would benefit, you even have a choice of charity, just contact your charity representative and put forward your suggestions.

We have, in the past, already helped many charities includ-

ing:—
The Kent Autistic Community Fund
The Royal Institute For The Blind
The Handicapped Childrens Pilgrimage Trust
The Spastics Society

The Wishing Well Appeal - Great Ormond Street

The Muscular Distrophy Group All Saints Hospital Baby Care Unit

Just think, it could be anyone of us one day that could need

If you are interested, either collect the forms from Administration Officers, or if you wish to know more, contact one of the charity committee members listed below.

Mr B J Rogers (Personnel) Chairman

Mr L Berriman (CACD) Foremen's Representative

Miss D Taylor (Welfare Department)

Mrs P Turner (CACD Contracts Department) APEX Representative

# Hollywood in CACD — and MASD

By now many people will have seen the YTS advertisement on Independent Television! Matt Buels of CACD Production, who started nearly 2 years ago on the YTS scheme and who was promoted to Electronics Apprentice last year, spent about six days at Shepperon film studios during the preparation of the ad, which was sponsored by the Training Commission (formerly Manpower Services Commission), and produced by Saatchi and Saatchi. Matt was chosen after a

by Saatchi and Saatchi.
Matt was chosen after a
series of screen tests from
among 8 YTS trainges who
were offered to the advertising agency as possible
stars for the campaign from
GAV, forming part of a large
number from all of GEC.

number from all of GEC.
The last of the filming was done here at Rochester. A film crew of over 40, together with a large number of service vehicles and cars, descended on the factory on 11 May. Equipment was set up in the morning in MASD Engineering area, for shots to be taken of Assistant General Manager Brian Tucker, and in the afternoon CACD Production also 'moved aside' while filming of Matt took place. took place.



Film crew at work in CACD



Matt on a more usual occupation

most interesting experience taking – he hopes ultimately throughout, but at the studios to become a qualified a great deal of time was \*engineer, if success in his spent just waiting around. City and Guilds course Maybe it is all just a part of the training he is now under- to B Tech.

## **Mayor Visits the Screening Unit**

The Right Worshipful the Mayor of Rochester-upon-Medway, (then) Cllr Mary Fennemore, visited the mobile breast screening unit on site on Wednesday 4th

She toured the unit and met cancer Coordinating Committee and community health physicians who are keen to promote cancer education within local industry.

The visit was planned to coincide with European Cancer Week which is part of a 2-year European programme called Europe

against Cancer.

Clir Fennemore also spoke to Welfare and Nursing staff who were closely involved with the GAV education and screening programme, which has been a creat success. a great success.

The initial education sessions were attended by 1100 female employees, and figures



The Mayor during her visit, in the screening unit with Jackie Taylor

already suggest that over 100 women will have attended for cervical cytology screening for the first time as a direct result of the programme. In addition 370 from a maximum of 420 eligible employees will have attended for mammography.

The local Cancer Coordinating Committee and GEC Avionics Management hope that the success of our campaign will encourage other local employers to become involved in health education.

## **Trainees Host Visit for** Science Teachers

MASD recently hosted a visit MAD recently residents on a conversion course at Mid-Kent College to prepare them for teaching physics at schools across Kent.

schools across Kent.
The exercise was to introduce teachers to the application of advanced technological processes in industry and
to show the environment in
which pupils could be
providing a real contribution
soon after leaving school.

Trainee Computer Programmers Lee Norris, Matthew Collison and Joe Gatt, organised the event with the organised the event with the objective of producing a non-black-box" tour: this was achieved by arranging visits to Production, Engineering Rigs and RST areas. Richard Hale, Senior Training Officer, explained the Company's approach to training of young people and Richard Hall, Software Project Manager, highlighted how scientific principles are applied to MASD products.

Worship at Canterbury Cathedral with an Address by the Very Reverend J. A. Simpson, Dean of Canterbury.

The Award is The Scout Association's highest Progressive Training Award and is given only to Venture Scouts who have maintained high standards of perseverence, community work, physical and creative proficiency and leadership. Part of the Award also involves planning and completing an outdoor expedition during which they must spend at least four nights (under canvas) in unfamiliar terrain.

The Venture Scout Section. The Venture Scout Section, which was formed in 1967, is celebrating its 21st Birthday this year.



Matthew Collison demonstrates the MASD Engineering Rigs to a group of teachers, with Richard Hale, Senior Training Officer, looking on.



#### 698 Units

3rd October.

Colin's demanding programme to qualify for the Award, undertaken with the St. John's Venture Scout Unit, Gravesend, included planning and leading a 150 mile cycle expedition in France; becoming proficient in many activities (beer and winemaking, canoeing, rock

climbing, swimming etc), running the Venture Unit for 6 months as Chairman; helping the Community and holding the Venture Award which consisted of many similar requirements.

Colin now plans to become a Venture Scout Leader.

## Hollywood:L.A.

This 'personalised' number plate and its accompanying rust holes belong to our new colleague Fred White at Lear Astronics, who is often to be seen screeching between Los Angeles and Edwards Air Force Base.

We are not told how he navi-



## QUEEN'S SCOUT - COLIN



and now Logistics Technician in ISD, was one of over 140 young men and women from the United Kingdom who received their Queen's Scout Awards during a Ceremony held at King's School, Contentus in Jenuary in Jenuary Canterbury in January

The presentationswere made by the Chief Scout, Major-General Michael Walsh CB, DSO, DL. The Queen's Scouts also attended an Act of



# **MASD** raises funds again

Two recent campaigns by MASD people have resulted in big donations for local

causes.

The Division sponsors a different Medway charity every 2 years, and following a 1984-86 donation to the Wisdom Hospice, this year they have raised nearly 6900 for the Oliver Fisher Special Baby Care Unit at All Saints' Hospital. This was handed over at a celebration dinner-dance at the Hoo Clubhouse.

which was the climax of a programme of boot fairs, raffles, and sponsored

events.

And in June, a divisional team paddled first over the winning line, out of nine teams, in the fifth annual Raft Race at Lower Halstow. This event raised about E200 for the local old folk. Apparently computer-aided design of rafts is MASD's latest diversification into new business areas.

# **PROBLEM**

White to play and mate in two moves



Solution on Page 12

## **Reunion for Roy**

Roy Bennett of FCD Contracts has been to see the Hastings aircraft at The Imperial War Museum at Duxlord, one of many which he flew during his service with RAF Transport Command. He says "I first 'met' this particular aircraft on my Transport Command Co-Pilots course at RAF Dishforth in 1960. Early in 1963 I re-met the aircraft whilst on my Captain's course at RAF Thorney Island. During the eight years I served in Transport Command I logged 53 different Hastings!

It was quite a nostalgic moment to be able to sit at the controls of TG528 again after 25 years.

Prior to being refurbished at
Duxford the aircraft formed
part of the Skyframe
Exhibition at Staverton.
During 1973 I frequently
used Staverton and I have a
photograph of the Mitsubishi
I was Ilying at the time with
TG528 in the background,
albeit in a very sorry state.
When the Imperial War after 25 years. When the Imperial War Museum took the aircraft over it was stripped and eventually re-built by one man! — Eddy West who himself had worked on the

ROYAL

aircraft whilst in the RAF at Thorney Island in 1963. Thorney Island in 1963.
The aircraft is now in pristine condition apart from four seized engines, the result op or inhibiting at Staveton, not that it matters as the aircraft could not reach the exacting C of A standards after so many years on the ground.

ground.
I can fully recommend a visit
to Duxford as the rest of the
Museum, apart from the
Hastings, is well worth
looking at."

Photo by permission of Imperial War Museum

TRANSF

## NIGHT

This year's Open Evening and signing of indentures by the 1987 apprentice intake

was hosted by Ron Howard and the Hopewell Drive Training Centre staff. Here

are accounts of the occasion by two of the trainees who were present.



Richard Stone receiving his Electronics Apprenticeship indentures with mum – Edna Stone of Reception – and dad looking on.

The evening of 25th April was this year's choice for the most important event for GEC Avionics Apprentices, the signing of their Indentures.

Indentures.
I had made it clear to my parents that they should dress as informally as possible and that we had better be on time for our appointment. Two mistakes to start with! As soon as I saw the majority of people wearing suits I knew that was the first. The second was obvious two minutes later, as we found ourselves at the end of the queue outside the end building in a cold wind end building in a cold wind with no jackets.

with to jackets.
The ceremony was running slow, we were told. But once inside it didn't seem to matter because everybody tried to make the best of the situation. It was good to recognise friends except recognise friends except those who had already been through and were reassuring us that we had a little longer to wait in the queue! People liked the chance to wander of from time to time (leaving someone to hold their position in the queue) and look at the various demonstrations set up in the ather rooms. A very good other rooms. A very good way to show the parents what you had been doing during the past eight months.

The tension mounted as we neared the rooms where the presentations were being made and the formal signing of the documents had to be done. It was therefore a great relief to get such a friendly welcome from the Managing Director. He showed a keen interest in my hobbies and ambitions as well as pointing out the importance of the indentures both to me and the <a href="Company.">Company.</a> It was a fitting end to a memorable evening.

Nick Jones The tension mounted as we

**Nick Jones** Electronics Apprentice

The day went quickly as we tidied up the Training Centre, cleaning and placing the exhibits on placing the exhibits on display, yes apprentices do work. We were like busy bees trying to prepare the Training Centre for the night's opening to sing our apprentice papers

As we waited until 7 o'clock to leave home, butterflies crept in fast. We arrived early to look around.

There were many exhibits on display to show the parents what had been achieved over many months of hard work. There were many to look at from the electrical and merbanical side such and mechanical side, such as wiring techniques, soldering components to printed circuit boards and

around our section, our parents talked to our instructors about how we had progressed over the

We made our way to the queue only to find that it was long, very long. We queued for some time, and having to queue up with butterflies and trembling hands was like a nands was like a punishment. We finally signed our apprentice indentures and talked to Mr Howard about ourselves

and how we were getting on. The talk was friendly, interesting, but short – with talking to over 300 parents and apprentices I am not surprised. We looked around one more time in the Computer Room and looked at different programs and equipment, and then home. And having queued up for longer then expected, there was no time for our free cup of teal of tea!

Gary Byron-Arnold onics Apprentice



Nicholas Beckwith showing his parents the finer points of

# **Blackwater** '88

After a week of cold strong After a week of cold strong northerly winds the weather relented for the annual visit of the GAV dinghies to the Marconi Sailing Club at Stone; the morning was grey and dull but as the day wore on the sun came out and the afternoon was warm and sunny. Unfortunately the wind drapped to be lightligh. sunny. Unfortunately the wind dropped to be lightish and fickle.

and fickle.

This year GAv had a very strong team. In addition to the regulars there were 2 new members, Clive Everest of ISD and Christopher and Dave Jibb of ADD. Clive is a Dave Jibb of ADD. Clive is a past winner of the prestigious and arduous Hoo Freezer and sails a very high tech Moth; provided he keeps it upright and the boat stays in one piece he usually wins. Christopher Jibb is better known for his swimming but clearly is a natural sailor. clearly is a natural sailor

The Marconi Sailing Club team was a Mirror, 2 Lasers, an Enterprise, a Stampede Catamaran, a Solo and a

The first race started in moderate wind and the

Catamaran streaked away only to be seen again as it lapped all the boats except for Clive's Moth. Luckily the Moth is very fast in these conditions and quickly got clear of the fleet to finish 2nd on the water but 1st on handicap with the Stampede 2nd. or the water but is formation in ap with the Stampede 2nd. Peter Belcher (ISD) in his Laser gradually drew away from his father, Gordon Belcher (GAV), to finish 3rd with his father 5th. For once Richard Stone and his wife Karen were unable to keep up with Peter and finished 4th. Pam and Maurice Chapman (PSD) never recovered from a modest first leg and struggled as the wind lightened. Christopher Jibb in the Mirror had even more problems as the strong tide almost matched the boat speed, making progress difficult.

Neither of the MSC Lasers had a good start; Ron Greygoose who normally sails a Solo discovered one of the Laser's problems: he got his ropes in a tangle at the first buoy so losing any

# Watch out... today's artful dodgers have learnt new tricks

Stay alert — and stop the "steamers" from snatching your purse or wallet. That was the warning from Scotland Yard as the holiday season aproached. Also, check personal insurance to be certain you are properly check personal insurance to be certain you are properly covered. For although the pickpocket menace has been reduced through "concentrated policing" it is still a problem, say, Yard detectives directly responsible for combating today's artful dodges. sible for comb artful dodgers.

Inert from the person", in-cluding pickpocket offences, fell by 1,294 to 33,535 cases last year, but traditional "dips" – larcenists highly skilled in spiriting cash out of their victims" pockets – have mostly been succeeded by "snatchers".

Their favourite target is the unsuspecting shopper in a busy store who puts her bag down to look at some item on the counter. When she reaches for her purse, she finds it is missing, and often the bag as well. The snatcher will have vanished, too.

"No one can afford to relax for a second," says the CID. for a second," says the CID.

"Steamers" are snatchers operating as part of gangs

Other victims have been less fortunate — one reason why British Transport Police have

which rush, or "steam," through crowds, wrenching away items such as shoulder-bags, brief-cases, hand-held purses, jewellery and cameras.

Resorts, summer festivals and London's West End are particular risk areas. "A lot of money is stolen in Oxford Street," say the police.

Street," say the police.
It is also a problem on the
Underground, not only at
Oxford Street but at several
other central interchange
stations, says London Regional Transport. "It is particularly 'popular' where there
are crowds of shoppers,
and very organised," an LRT
spokesman said.
One nang, "worked" their

spokesman said.
One gang "worked" their victims by jostling them grabbing their wallets and then – exemplifying the new more violent methods – shoving them from the platform into the train, using the outside push-buttons to close the doors.
They were brought to justice

They were brought to justice after they picked unwittingly on an American tourist who happened to be a Texan law officer.

made a special study of the problem. This has revealed that the high-risk times are Fridays. Saturdays and Mondays – peak shopping days – and that pickpoickets are most active in the day, yet not during evening rush-hours.

Why? The theory is that pick-pockets are pathologically lazy late-risers who cannot operate in really intense crowds.

crowds.

The study has enabled British
Transport Police to predict
likely trouble spots and facus
their crime-busting efforts
more effectively. After five
South American dips were
apprehended at a tube
station, the West London
magistrate called them "a
nasty gang of pickpockets...
it is my duty to put you out
of action." He did, jailing
each for three months.

each for three months.

In another case, two Italians caught in the act were found to share 22 previous convictions in capital cities as far apart as Athens, Brussels, Paris and Rome. Some operators are "incredibly experienced", say police. Yet the "dip" or his accomplice may use one of the corniest tricks to mark

their victim – a bogus, well-spoken shout of "Watch out, pickpockets!" Certain people in a crowd will

Certain people in a crowd will reflexively check their pockets. The "dip" moves in and treads "accidentally" on the victim's foot or bumps into him or her. This counts on the fact that if you feel pressure on one part of you body, the rest of you is less sensitive. Even as he apologises, the "dip" will be lifting your cash.

As soon as he or his gang have been rumbled they disappear and lie low, like maggots. The one thing they can be trusted to do is reappear, just like flies. London today, Leeds tomorrow, Brighton the day after...

after...
Useful deterrents include carrying as little cash as possible, having button-up back pockets, and keeping purses out of sight.

purses out of sight. Standard cover under a home contents policy does not normally extend tomoney or possessions stolen from you while you are absent from home. But an all-risks extension covers against loss of cash, credit cards, cheque book, season ticket,

etc, through a pick-pocket theft or mugging attack.

Personal money can be covered from under £5 a year, all possessions from about £20 a year per £1,000 insured.

The policy may require you to report any loss to the police. Holiday insurance certainly specifies this for any such loss abroad.

With acknowledgment to Charles Kersley and "The Guardian".

## **Pastures New**



Personnel Manager **John Ainley** has left to join Smiths (WH not Industries), and is seen here after receiving gifts and best wishes, with John Bradley.

Roland Thomas, Exhibitions Manager, is setting up his own business. Ron Howard wished him every good fortune in his venture, on behalf of many.

chance of covering the GAv boats. Rochester won the first race by 3694 points to MSC's 42 points.

After lunch the 2nd race was sailed in lighter winds with the tide changing. The wind backed on the first leg to give Maurice Chapman a brilliant first leg and at the first mark he was close behind the Stampede and Clive Everest's Moth. Peter and Gordon Belcher had opted to stay out of the tide and the wind change left them in problems on the first leg.

Maurice and Pam Chapman of fickle winds and tide rather stray of the tide and the wind change left them in problems on the first leg.

The long run downwind to the Christopher Jibb learnt

The long run downwind to the next mark, into the sun, was slow and the fleet lost sight of the catamaran and the Moth.

the catamaran and the Moth.
Luckily Catamarans are not very good in light winds and the Stampede found it difficult to make progress for the rest of the race, with the result that it finished last on handicap. Clive Everest again sailed well and crossed the tide before the wind dropped, to win the second race.

Richard and Sharon Stone always sail well in light winds and were close behind Clive, to be 2nd on handicap. Peter Belcher could not get away from Richard and had to content with 3rd place.

The MSC Enterprise sailed by Steve Evans and the Solo sailed by Malcolm Gandy

Christopher Jibb learnt quickly and had a fine battle with the MSC Mirror to beat it on the water and the Stampede on handicap.

GAv won the 2nd race by 30% to 47.

The racing was organised by Robbie Sims, the MSC Commodore who had the unenviable job of declaring Rochester the team winner and Clive the individual

Joan Stone presented the Colwyn Stone Challenge Shield to Clive and the Medway Cup to Rochester.

The Marconi Sailing Club provided another enjoyable visit with good class racing, good food, good weather and a good atmosphere on and off the water.

G Belcher

## Results

GAv, Rochester		1st Race	2nd Race
Maurice and Pam Chapman	Enterprise	11	8
Clive Everest	Moth	3/4	3/4 11
Christopher and Dave Jibb	Mirror	13	
Richard and Sharon Stone	ne Wayfarer		2
Peter Belcher	Laser	3	3
Gordon Belcher	Laser	5	6
	Total	363/4	303/4

Marconi Sailing Club

Ron Greygoose	Laser	9	9
Derek Webb	Laser	6	7
Steve Evans and Dave Cohen	Enterprise	8	5
Trevor and Christine Milton	Stampede	2	(13)
Mike and J. Battle	Mirror	(12)	12
Mike and Irene Helewell	420	10	10
Malcolm Gandy	Solo	7	4
	Total	42	42

Individual Winner - Clive Everest

- GAv (Rochester) **Team Winner** 



Georgina Bennett has gone to the Middle East deserts, where her husband has taken up a contract. (A)

# **Applied Physics Divi**

Applied Physics Division in Borehamwood is one of the new groups to join GEC Avionics, Rochester. As many of you have probably never heard of us, perhaps we should take the opportunity through 'GAV New' to introduce ourselves.

introduce ourselves.
Our history goes back over thirty years when we were called the High Voltage Tube Division of Elliott Electronic Tubes Limited, long before the amalgamation in 1968 which brought into existence thenew shape GEC. Our work in those days was concerned with the design, development and manufacture of microwave sources such as magnetrons, klystrons, travelling wave tubes (TWTs), X-ray tubes and

particle accelerators including neutron generators. It was the day of the high vacuum thermionic valve, when HiFi systems used high power, high voltage tubes and ultra linear feedback systems instead of the semi-conductor devices now so well accepted into everyday life. Our forte was, and still is, the manufacture of specialist high voltage devices operating up to 250 kilovolts and for very short duration pulse widths and also DC, with glass or ceramic insulations sealed to metal envelopes via special seals, and output powers up to many megawatts.

megawatts.

We grew out of the old Elliott Brothers (London) Limited's Company Re-

search Laboratory, formed at Borehamwood as an dit shoot of Lewisham in south east London. Borehamwood village was, in the 1950s, just a small overspill housing area from London, now it has grown considerably with "Hi-Tech" companies moving into new buildings, the creation of a large shopping plaza within the willage, notte mention Eistree Film Studios and the ATV Television Studios, not least of whose productions include the "Eastenders".

work was transferred to English Electric Valves a Chelmsford, leaving the Division more opportunity to

# another US success for CACD AV8-B SAS COMPUTER SAS SERVOS throttle and the nozzle. The principal elements to be supplied are: Servo Control Unit Computer (3/4 ATR) Throttle Parallel Actuator (Electric) IMU (RLG) FCC AIR DATA THROTTLE NASA CACD's Automatic Flight Control System (AFCS) NASA has been extremely reliable in service for many years on the UK's Harrier and Sea Harrier aircraft, noted for their Vertical Take Off and hovering capability, the AV8-B is a derivative. AV8-B is a derivative. This award is a key elementin our business strategy to develop our FCS capability for the ASTOVL (Advanced Short Take-Off and Vertical Landing) aircraft programmes likely to be awarded in the 1990's. The 14 exercise contract in awarded in the 1990's. The 14 month contract is to design and supply the integrated actuation system which consolidates the command signals from the two simplex FCC's (supplied Electric Parallel Actuator Servo Control Unit Comp

# sion, Borehamwood

concentrate on X-ray equipments and neutron tubes. For many years the mainstay of the Division's business has been neutron generator tubes for the Ministry of Defence and commercial customers, particularly detector calibration and more recently for the interrogation of radioactive waste, and high powered rotating anode X-ray machines for providing very high brightness X-ray sources for crystallography in University and Scientific research establishments throughout the world.

after 42 years of service with Elliott/GEC. He was asked by Lewisham to transfer temporarily in 1947 when the research group was set up. This temporary assignment was to be just for a year, but he stayed for 41!!

tinuous and pulsed designs, employing many of the constructional and processing techniques developed for the neutron generators. These laser tubes have been designed to meet severe environmental specifications of extreme temperature, withstation and shock funded. of Defence and commercial customers, particularly
detector calibration and
more recently for the interrogation of radioactive waste,
and high powered rotating
anode X-ray machines tor
providing very high brightness X-ray sources for
crystallography in University
and Scientific research
establishments throughout
the world.

The Division has been
supported by a loyal group of
people who have served the
Division for many years, and
who have acquired considbright objects because the
Division for many sears, and
who have acquired considwho have acquired considthe world.

The Division has been
supported by a loyal group of
people who have served the
Division for many years, and
who have acquired considbright by name would be
country. Our responsibilities and business have
continued to expand and are
likely to continue to do so into
the world.

Although we are separated
from the Rochester site by
50 miles of motorway and
applied physics. To select
some of the long-serving
staff by name would be
compelled by new work in
the laser field. Here we
not mentioned, but the name
of one, Bill Watkins, must be
recalled as he has just retired



HARRY PRICE

TERRY LANE

DAVE HARRIS
Divisional Manager

COLIN LENNON

# SMALL, **BUT PERFECTLY FORMED**

# **Recording Systems Division, Nailsea**

Nearly everyone is familiar with tape recorders; used in the home or in the car they are in common daily use. In the world of avionics they find use in flight test (to record data for analysis) and are production fit to modern aircraft as black box crash recorders, mission data recorders or, more recently, as video recorders in the cockpit. Wherever the environment is severe and the performance required is high, RSD's products can find a market.

find a market.

RSD's activities include Post
Design Services to the MoD
on Nimrod Anti-Submarine
Warfare Mission Recorders;
the current production of
Sting Ray torpedo test
recorders and Sea King
acoustic snapshot recorders; and a wide range of
development activities
designed to keep the division at the forefront of existing technology.

production team (small but perfectly formed!) has been assembled under the management of Colin Hambidge whose experience of recording systems has been vital to the operation.

With Stewart Barlow's outstanding runner-up award in the Haskett Trophy competition under its belt at the first attempt, RSD's building of a design team backed with very advanced computer aided design equipment begins to pay dividends.

begins to pay dividends.
Optical recording, solid-state crash recording, super-VHS video recording, and connector-less program loaders are all part of an ambitious programme being carried forward at Nailsea close to the fast-growth high technology city of Bristol

designed to keep the division at the forefront of exist-ing technology.

Because of the precision mechanical aspects- of its





The Medway Branch of the Royal Aeronautical Society, the only Branch in Kent, is one of the most active in the world. It comprises men and women of all age groups, from widely-varying career backgrounds, who share a common interest in aviation.

#### Welcomes New Members

The Royal Aeronautical Society, founded in 1866, is the oldest in the world. Its 30 Divisions and Branches flourish throughout the UK and the Commonwealth. Medway has had a vigorous aviation industry continuously since 1913 and its Branch of the Royal Aeronautical Society welcomes new members.

#### **Organisation & Activities**

President — PA Hearne, FRAes
Vice President — PA Hearne, FRAes
Vice President — MF Moulton, MRAeS
Chairman — RT Twine, MRAeS
Treasurer — AJ Maynard, ARAes
Secretary — GE Sim, AMRAeS
They are supported by a strong Committee which consists of members of GAv as well as people outside the aeronautical profession. Half the membership of the Branch are people from outside the profession and there is a good proportion of lady members and youth members. Branch activities are as follows:—

- embers and youth members. Branch activities are as follows:

  1) Branch lectures held at the Main Canteen, on the third Wednesday of the months October through April Clusively, commencing 7 p.m.

  2) Visits and social activities involving trips to places of aeronautical interest, etc.

  3) Annual General Meeting and film show, held on the third Wednesday in May of each year.

  4) Specialized activities by the members themselves. These include—

Aircraft Preservation Group. Headed by Lewis Deal, this is a the largest group in the Branch, which exists to preserve and restore aircraft of interest to the members and to the Medway community.

Rochester Airport Historical Group. This group prepares unique histories of the Airport from a wealth of data supplied by members and their friends.

Aircraft Modelling Group. Members of all ages prepare and exhibit models illustrating in detail the types of aircraft which are featured in the development of aviation in this country and overseas.

History and present application of the Ram Air Turbines – Mr Brian Kirkman EH 101 Helicopter – Mr Clive Sooard History of Flight Refuelling and present application—Mr Phill Syrns 18 Jan Aircraft versus submarines – Mr Laurie Hampson Airships/Fly-by-Light - Mr Trevor Hall 15 Mar Bomber Command 1943/44 – Mr Peter Smith Escape Systems - Mr B A Miller 17 May AGM

Lecture Programme 1988/89

Encouragement of Branch Members working in the field of aeronautics to participate as members of the Main Society in professional engineering activities and to obtain the professional qualification of MRAeS and Chartered Engineers.

Since its re-formation, lectures have been continually attended by audiences of up to 500 people and some 250 attend the Annual General Meetings.

## Becoming a Member

19 Oct

16 Nov 14 Dec

Temporary membership, for one meeting only, is available at meetings for 50 pence. The annual subscription of £2 (£1 for associates) entitles members to all meetings and to receiving the periodic Branch Newsletter. Either form of membership can be obtained at the lecture meetings. (It is best to arrive early to avoid congestion) Alternatively, contact G E Sim.

No academic qualifications are needed to join and membership does not confer any professional status.

# **Inter-Divisional Mixed Hockey** Tournament

### (or "What me? I haven't played for years!")

"Marguerite, don't you think it would be a good idea to play mixed hockey against a few other divisions?" With that one sentence were the lives of over 50 people in four divisions placed on a new course, heading for Stro

#### MASD

The final result was a hard won 1–0 victory; a confident start.

## ADD



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Brian Herring joined Gyro Division as Design Draughtsman, and transferred to Production Engineering two years later. In 1971 he was promoted to Chief Production Engineer and in 1975 to Production Manager, continuing until the formation of GSD from Gyro and IND. Now Brian is in CACD as Deputy Production Manager. His outside interest include sailing and music, he is a member of the GEC Avionics Brass Band. (A)



Jim Reid's twenty five years started with his studies at Borough Polytechnic and Brunel University as Student Engineer – leading to BSc and MSc qualifications. During that time he undertook vacation training in ADD, and on completing his Master's degree he joined IND, as Senior Development Engineer working on the Jaguar NAVWASS System. In 1972 he took on responsibility as Project Engineer for design of some of the modules in the Royal Navy's NCS1 compass stabiliser project. Transfer to ADD in 1974 brought Project Leader status for the successful design of special computers, and in 1980 Jim joined CACD's Future Systems Group as Principal Engineer; he has been involved in many projects and now looks after ASTOVL interests.

Outside interests include cycling, and specialised car repairs, maybe rather more peaceful than some of the adventures which befell him during various trials assignments. (B)



After 12 years aircrew service with the Royal Air Force, Dick Lewis joined Transport Aircraft Controls Division at Borehamwood in 1963, and within 2 weeks found himself responsible for the installation of the Compass System and Flight Director System on the VC10 and the Compass System on the BAC 111.

During this period he was sole company rep. on 'The Day Trip to the North Pole' with the RAF and the first Compass swing on the first BAC 111 pre-first flight! (See GAV News March issue for more about these projects).

Dick became Project Leader, Concorde Development Flight Director in 1965, and Assistant Project Manager Concorde in 1966. In 1967 he became Project Manager Concorde in 1966. In 1967 he became Project Manager Concorde in 1968. In 1967 he became Project Manager Tomado SMS, and in 1977 he became Engineering Manager responsible for continued Torriado SMS activities and the Modular Stores Management System.

Last year, Dick transferred to ISD Marketing as a Marketing Executive.

Here he is seen with Fred Mackley, Kelvin Lynch, Peter Hewlett, and Ken Hyde.



#### FCD

Players: Andy Wilson, Andy Travis, Richard Curzon, Vicky Brown, Dave McMenariin, Nigane Blackwell, Kate Twyman, Duane Hebditch, Ana Turner, Clive Nash, Peter Crundwell, Debbie Taylor, Nina Hurd, Irène Szalay, Catherine Jackson, Malcolm Earl, Keith Desalvo.

#### GSD

An inter-divisional hockey tournament? It sounded a good idea;
the first of its kind, and of course
we were keen to play. We had no
problem in fish kind, and of course
we were keen to play. We had no
problem in fish finding 6 men to play,
but when it came to finding 5
women to make up the leam it
emerged that hockey was
perhaps not as popular amongst
women as we would have liked.
I haven't played since school;
was the general reply. But again
the enthusiasm to at least have a
go was there.
On Monday 11 April we arrived at
Strood Sport Centre to
commence play at 6.30pm
against FCD. This being the first
match we were eager to get the
footballers off the pitch and
practice before the game
began. Fortunately the pitch
remained intact despite the fact
that several of the girls were
attempting their first hit of the ball
in what was 10 years for some
Cnce the game started it we
obvious that both team were
playing the same tactics, with
the girls mainly to the right was
in GSD's case, for some
in GSD's case, for some
in GSD's case, one of the pitch
was down the left and GSD
were proving to be a good side,
which was 10 a expected as all
the men belonged to various
hockey clubs in the areas and
played regularly. FCD put up a

good fight but the final result was 7–0 thanks to some line play by fory Heritage who scored three. Sue Wallace who scored three was an one of the start. We have a succeed the scored divide.

Our second game was ADD which after a late start due to the start was very noble, stringing together some good passes to put the GSD defence under a lot of pressure. At half time the score was 0–0 so a change of tactics was called for, by bringging on Sue Wallace. We kept on applying pressure to ADD's defence and were eventually rewarded by a goal by sue Wallace in the closing minutes of the game, to make the final score 1–0.

The last game was against MASD, which we knew would be our hardest game. Unfortunately we were doomed to failure from the start. We had failed to notice the earlier start time until the Friday before and couldn't agit alollege, and then our regular hold of Mick Cheese who was at college, and then our regular properties.

coulon't wait for next year to try again.

The Players: Tony Heritage, Pete Gummer, Pete Streven, Robin Vane, Mick Cheese, Charlie Hewitt, Gary Twocock, Pam Crisby, Kay Skinner, Sharon Wallace, Nicky Burton, Sue Longbottom, Pat Brissenden, Mark Pridmore.

### The Final

Tense, nervous, the match of the century. The FIRAL MASD across a draw would be sufficient. At least half a dozen specifiate with the set hings happen and MASD was not short of substitutes for this last game.

This was MASD's toughest game, Kenny Watkins was even sort short of substitutes for this last game.

This was MASD's toughest game, Kenny Watkins was even seen running on more than one occasion. Indeed good midfield play was the eventual key to victory. The was excellent play from all the forwards, Sally Childs wide on the left, Chris Noonan, and Wayne Moore causing no end of trouble to the GSD defence and Angela Allen linking well with both midfield and forwards on the right.

The defence must not be overclooked, with Alison, Gerry and Debbie playing solidly at the back, even if it was necessary to explain the off side rules to Debbie – twice!

	ADD	FCD	GSD	MASD	Goals For	Goals Against	Points
ADD		3-1	0-1	0-1	3	3	
		3	0	0			3
FCD	1-3		0-7	0-2	1	12	
	0		0	0			0
GSD	1-0	7-0		0-2	8	2	
	3	3		0			6
MASD	1-0	2-0	2-0		5	0	
	3	3	3				9



AS&RD's Marketing Manager Bill Bland has taken early ASARU's Marketing Manager Bill Bland has taken early retirement after over 30 years with the company, mostly with the division of which he was a founder member. He had the reputation of being able to deal with the impossible in a very short time, and has built up a fund of memories and anecdotes about various people — we spare their blushes, especially the DM who got landed in jail in some remote territory. Bill's long experience in AS&RD's sales activities, particularly in the civil business, was noted by Divisional Manager Mike Barton, who handed over a colour TV and other items. (B)



Senior Personnel Officer **John Roberts** is seen here on his retirement, with friends and colleagues John Bradley, Ken Castle, John Ainley, Sarah Kenny, and Ray Reese. (B)



Audrey Comery, Secretary to the Technical Manager in GSD, retired at the end of 28 years' service, all of it in IND/GSD. Here is another instance of a great many years of service in one picture, since Audrey's son Barry (right) is also in GSD with 22 years, and husband George scores 32 years. Daughter Lynda (left) is on the Temporary Pool. (A)



Pat Docherty, Deputy Safety and Site Security Manager has retired after a total of 18 years with the company, which he joined from the oil industry. Pat spent 4 years in Accounts and 5 years as Section Leader Ratefixer, before moving to the Safety Office in 1979. Pat was well known to many over a number of years as Senior Representative on the Works Committee for APEX.

Here John 'Bradley gives his best wishes to Pat at a gathering of friends and colleagues in the Lounge Bar. He presented gifts of a strimmer, a workmate and garden furniture, all of which should come in handy for Pat's hobbies of gardening and DIY, but maybe not for snooker or bowls!



Jack Derrett, Senior Logistics Support Engineer in AS&RD, retired after 27 years in the division. Earlier years there were in Tech Pubs, Sales, and Supplies and he has been ten years in Logistics.

(A)



Margaret Millgate has decided to put her feet up after 26 years. most of which were spent working for Alan Essex in Gyro Division and 'upstairs', who is to her left in the picture. Also bidding Margaret farewell are (I-r) Derek Bateman, (Alan), Graham Hawks of GSD, David Hussey, Peter Smith and Derrick Hamlin. (A)





Westlands Weston-superMare (1973-79). EMI, and
GAV Nailsea since 1981.
In 1983 not took over
Configuration Control.
Now Ron, seen here with
PCSD's Divisional
Manager Howard Jones,
is going to spend an active
retirement oil-painting,
gardening – and walking.
Also his ambition is
to visit old friends in
New Zealand.

Two long-service stalwarts who have retired are Ray Skinner, Machine Shop Foreman in CMS with 35 years, and Bob Mulford, Production Controller, who has been in FCD and its forebears for over 40 years.



Ray and his wife Nina are seen here with Peter Burrows. (A)



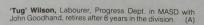
Bob receives farewell and best wishes from Doug Webster

Betty Giddings, Storekeeper in MASD, receives a watch from John Goodhand to commemorate her 17 years with the company. (B)



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Maisie Parker with Don Freeman. Maisie has spent 8 years as one of the WES cleaners, usually in the Towers. Her friends will ensure that her hobby of knitting is kept with plenty of orders.

(B)



ATED's Production Manager Alex Castle and **Tom Chipperfield,** retiring after nearly 20 years in the division's
Shipping Department.
(A)





# oris and club



# The life and damp times of the **Climbing Club**

OK, so last summer was a trifle damp. But were we tempted to stay inside in a nice warm and dry pub? Yes, of course we were. But did we? Yup! We're not completely stupid. Occasionally we stuck our heads out to see if the sun was shining. In fact on one memorable day we could be sighted on the beach at Sennen Cove (Cornwall) debating whether we should go for a swim or have another ice cream as it was obviously far too hot to climb.

climb.

Do we ever actually go climbing, I hear you ask. Well, yes. As Kent is notably devoid of anything resembling real mountains we have to travel further afield During '87 we visited Scotland (in winter and summer and had good weather both times!), Wales, The Lake District, Cornwall, Devon, the Peak District and Yorkshire. Some of the more foolhardy went off to Europe to see if they could find (and drain) the mythical wine lake. There is, however, climbing drain) the mythical wine lake. There is, however, climbing to be found closer to home. Club members can often be found lurking in those sports centres which possess climbing walls, discussing topics such as the relevance of the ontological proof to God's existence to modern free climbing, or the number of pints of Scrutucks Old Dirigible you have to consume before you accept a lift off Gareth.

The local sandstone crags can also offer hours of entertainment for the Kent-bound climber. These are situated around Tunbridge Wells and make an excellent playground for those warm summer evenings we're going to get this year.

What experience do you require to have a go at any of the above? Easy! None (unless you want a lift off Gareth, in which case you must have a doctor's certificate). Just give us a call. Contact Rob James (New Road ext 43) or Gareth Williams (Airport Works ext 3230) for more information.







## GAV/BP Swimming Section

#### **Competitive Swimming GAv/BP Comets**

'C' Gala

On Saturday 18th June at the Club Pool the "Comets" were hosts to Beaver SiC and Black Lion SiC. After a very close competition the "Comets" emerged victorious by 2 points! The final result: 1st "Comets" 87 points, 2nd Beaver SiC 89 points, 3rd Black Lion SiC 94 points (lowest points wins).

On the 25th June the GAV/BP "Comets" travelled to Sheerness. On this occasion the "Comets" went into the lead straight award and never looked back, winning by the large margin of 19 points. Final result: 1st "Comets" 80 points, 2nd Herne Bay 99 points, 2nd Sheerness 103 points. The "Comets" won the Annual Cup.

#### **ASA Teachers Certificate**

Congratulations to Mrs. Connie Gilbey who has just passed her ASA Teacher's exam at Hundred of Hoo Pool.

#### **ASA Ultimate Swimmer Award**

This is the highest award in the ASA Award Scheme. The first person to achieve this award at the Club pool is **Sarah Moffett** (age 12) – *congratulations*.

## RLSS Aquagold Award

#### ASA Water Polo Award - Silver

#### ASA Speed Awards - Gold

Front crawl, back crawl, breast stroke and butterfly – Sarah

#### **Adult Achievements**

Tim Law STA Swimming Pool Rescue STA Water Safety Grades 1 & 2 Connie Gilbey ASA Speed Award Freestyle – Silver ASA Water Polo Award – Silver Connie Gilbey, Peter Eastwood, Denise Dutton, Colin Newman

## Teaching Classes Held at the Club Pool on 14th May

Girls (2 widths with float) 1st Rachel Baron (5); 2nd Debbie Frances (8); 3rd Samantha Rains (7); 4th Becky Frances (6); 5th Laura Comfort (5)

Boys (2 widths with float) 1st Daniel Gilroy (8); 2nd Richard Baron (8); 3rd Matthew Gilroy (6); 4th Christopher Vyse (5) Girls (2 widths) 1st Anna Maxey (6); 2nd Natalie Davis (8); 3rd Claire Thorndick (8); 4th Ruth Franks (8); 5th Anna Franks (7); 6th Kelly Thorndick (6); 7th Amy Franks (6); 8th Louise Moir (9)

Gris (Length) 1st (21.02 secs) Jenny Owens (10); 2nd (25.36 secs) Sarah Covington (9)

Boys (Length) 1st (20.09 secs) Mark Covington (11); 2nd (22.98 secs) Owain Comfort (9); 3rd (24.20 secs) Gary Vyse (7); 4th (24.41 secs) Michael Harvey (9); 5th (24.50 secs) Christian Martin (7)

(7) Distance Awards (10,000 metres) Mandy Atkinson (15); James Marshall (14): (4,000 metres) Kirsty Samuels (14): (3,000 metres) Steven Jamieson (9): (1,500 metres) Lucy Davis (8); Julia Purcell (10); Kalli Samuels (8): (800 metres) Davin Goldsmith (12): (400 metres) Vicky Purcell (7): (200 metres) Helen Goldsmith (9): (100 metres) Mark Newman (6): (50 metres) Daniel Gilroy (8): Natalie Davis (7); Lloyd Smith (6): Aaron Smith (9); Alison Young (8): Stuart Young (6): (10 metres) Graham Dutton (3); Matthew Gilroy (6); Debbie Frances (8)

#### ASA Water Skills Award

AGA water Skills Award
Grade 1. Matthew Gilroy (6); Debbie Frances (8); Becky Frances
(6): Grade 2. Daniel Gilroy (8); Lloyd Smith (6): Grade 3. Lucy
Davies (8); Natalie Davies (7); Helen Goldsmith (12); Vicky
Purcel (7); Kalli Samuels (8); Anna Maxey (6); Jane Maxey (9);
Aaron Smith (9)

Since our last report, we have had two meetings and an outing. There is a continuing increase in our membership.

Runnymede in the late after-noon, to have a quiet relaxation by the river before returning home.

by the liver bottle fetulming home.
June 21st was one of our annual highlights, when the Works Band came to entertain us. And what a delight the programme was, under the direction of the new Musical Director, who also gave short comments on the pieces to be played, and also the varying solo instrumentalists. It was considered to be the best of many excellent programmes.

The next 'event' will be the tour of the works, on the evening of July 7th.

Names have been taken, and

July 7th.

Names have been taken, and pick-up points announced for the next outing, which will be to Brighton and Folkestone, with tea at Folkestone, on Wednesday July 13th.



JULY

Saturday

23 July **BARN DANCE** 

'JEZREELS'

# Saturday 27 August

## BANK HOLIDAY DANCE

"Sahara"

## SEPTEMBER

3 September SUB-AQUA SECTION

**CHARITY DISCO** "INVICTA ROADSHOW"

Information Peter Woolmer

Thursday, 28 July Thursday, 8 September 7.30 pm

#### CHESS PROBLEM SOLUTION

12

- KNGEN
  Key 1 Kd8! Waiting
  1 ... R moves (including Rd3+)
  2 Bd5 mate
  1 ... Sc2 2 Bd5 mate
  1 ... Sc2 2 Cd5 mate
  1 ... Pa3 2 Oxc3 mate
  1 ... Pa3 2 Ob5 mate
  In some problems the White King has no function on the board other than

## **AUGUST** Saturday

6 August PARLOUR

DERBY

# Fast Food Service

This is now available Monday to Saturday, inclusive from 7–10.30 pm and from 7–10 pm on Sundays, Wednesday and Friday lunch time 12–2pm.
This position will be reviewed after 30 September when summer activities have ceased.



## Crossword No. 91

For amusement only

- Something the tired organist sought. (3-4-5)
- 10. A weight term, not metric.
- 11. When the floods have subsided, a mess is. (9)
- 12. A dog, used by gunners.
- 13. Having given everything! (2-3)
- 14. A bird of prey, nearly extinct. (6) 16. Clothed in a minimum of
- 18. What a Boy Scout ensures are tight. (3-5)

- 20. A Spanish town. (6)
- 23. Musical composition of unequal number. (5)
- 24. By which one records joining. (9)
- 26. Working to the limit, some-times even more. (9)
- 27. The Chairman's tool of order. (5) 28. May every touchdown, everywhere be this. (5-7)

- 2. When a visitor manifests itself frequently. (5)
- 3. They wreaked havoc among industry. (7)

- 4. Going without food or drink. (6)
- 5. Waterfall, which could also impair vision. (8)
- 6. Rowers. (7)
- 7. Convert into play. (9)
- 8. The flash that proves greatness. (5-2-6)
- 9. When icy winds blow, most of us become. (6-7)
- 15. What the armed tries to do. (3-6) 17. Trooping the colour and such like. (8)
- 19. Rock emerging at surface. (7)
- 21. Bound by gratitude. (7)
- 22. Where the runaways attempt to marry. (6)

25. Spritely as Spanish conveyance. (5)

#### Solution to Crossword No. 90

Across
1. Figures of speech; 8. Inscribe,
9. Spring; 11. Aloe; 12. Curmud19. Common 13. Adept, 15. Sideways,
19. Com rent; 20. Smart; 23.
Cheque book; 25. Swat; 27.
Eighty; 28. Catacomb; 29. Marie
Antoinette.

Down 1. Friday; 2. Gasholder, 3. Rare, 4. Subdue; 5. Pipe dream, 6. Exile, 7. Highness; 10. Armbit, 14. Pirouette, 16. Arrowroot, 17. Ice cream; 18. Snobs; 21. Tobago, 22. Stable; 24. Elgar, 26. Dam.

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

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