

The ADDVISOR



Issue 3 - Spring 1991

Meet the New Boss

As you all know, on the 25th of February, the man at the top of ADD was changed. Our previous divisional manager, Keith Snelling re-joined his old division ISD, as part of a reshuffle that saw four divisions with new heads. Before he left, Keith expressed his thanks to everyone who had helped to make his time within the division such a pleasant one, and he wished us all well for the future. With him went his popular secretary Kath Pole, who wanted to pass on her regards to everyone as well.

As for our new boss... we'll let him introduce himself.

'Well hello Airborne Display Division. My name is Chris Humphris. I'm 38, married and live in Tankerton. Hobbies include golf, losing money on the stock market and supporting Manchester United.

I started life in the Company seventeen years ago in what was then Powerplant Systems Division Engineering. After rising up through the engineering ranks I became Divisional Manager in 1988. Prior to ADD I was Divisional Manager of Combat Aircraft Controls Division for two years.

I am very much looking forward to working with the ADD team, there is no doubt as to the depth of our world leading capabilities. The challenge over the next few years will be to improve our efficiency so that we can capitalise on our market advantage. It's too early, after just a few days in ADD, to put forward any definite plans but rest assured that the growth of our business is my number one priority.

Fortunately with my boxes from GACD came Julie Castledine whose many talents include reading my writing. I am sure ADD



Chris Humphris - Divisional Manager

will also welcome her as a valuable part of the management team.

I look forward to meeting you all, both around the Division and at our social events.'



Julie Castledine

First Ground Owl Delivery



The first delivery of an entirely new 'see in the dark' product codenamed Ground Owl was made to the Ministry of Defence on the 25th January 1991.

The handing over ceremony took place on the shop floor of ADD in the presence of Divisional Manager Keith Snelling and MOD Procurement Executive Mr Foody.

In a short speech Mr Snelling revealed that the device, resembling a small pair of binoculars, is packed with electronic, mechanical and optical wizardry that enables ground forces to observe enemy troops and operate in conditions of near total darkness.

Development started on the project in 1987 and the first prototype was submitted to the MOD for assessment later that year. This model however, after being tested to destruction, was returned in a carrier bag with a request to make it more rugged! With this in mind a modified version was built and resubmitted. This model was subjected to the ultimate test by being dropped from a helicopter at 7000ft. Needless to say, of course, it still worked and was accepted by the ministry.

Mr Snelling hinted that Ground Owl was destined for immediate service in the Gulf, and it is hoped that its performance there

will result in a flood of new orders once its potential is recognised by the parties concerned.

The official handing over ceremony between fitter Phil Yeates and Mr Foody was recorded by the Company photographer. The occasion was slightly marred by the failure of the flash equipment, causing the man from the ministry to quip 'I hope Ground Owl works better than that camera!'

C Arnold

I might be wrong but I think I saw a soldier in the Gulf using Ground Owl on the news the other night. - Ed

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Night Attack

The war in the Gulf has been at the forefront of our minds for the past months. The Allies have flown around 100,000 combat sorties and we know that ADD equipment has been in use during many of them, but what we might not be sure of, is exactly what that equipment is or how it is employed. Thankfully the fighting has now stopped, but to give an idea of perhaps what went on Bruce Hopkins has written this fictional account of an attack mission by four aircraft equipped with night vision systems which include a dual mode Head up Display (HUD) and Cats Eyes Night Vision Goggles (NVG).

It is early evening on an airfield in eastern Saudi Arabia. In a briefing room four pilots prepare for a night mission in the KTO, the Kuwaiti Theatre of Operations. The target is a radar and missile site which reconnaissance shows to have been reactivated since a previous attack. The weapons to destroy it have been selected and the routing has been worked out to avoid known missile engagement zones and other danger areas. Formation tactics and the final approach to the target have been chosen. It will be a covert mission, employing



The general dynamics F-16, one of the many aircraft equipped with ADD products

forward looking infrared (FLIR) night vision equipment. There will be no support aircraft to suppress the enemy defences and to provide electronic countermeasures. Instead the flight will rely on the element of surprise, with a low level approach and a coordinated one pass attack.

The formation leader checks in with the duty AWACS aircraft and is given the area situation report. He then concentrates on a radar search for the tanker. He sees a blip on his radar and interrogates it electronically. The return code confirms that it is the tanker. He checks its course and height and sets up an intercept vector, calling the formation to close up. This will be his last radio transmission from now on the formation will use 'silent' procedures, with radio used only in an emergency.

As the formation close on their leader each pilot searches through his Cats Eyes NVG. When the clear monochrome image of the lead aircraft is seen, each pilot switches off his radar transmitter and navigation lights. In silence, using coded light signals from the tanker, the aircraft in turn make contact and top up their tanks with the additional fuel essential to the mission.

Staying in tactical formation keeping visual contact with Cats Eyes, the four aircraft dive to low level and set course towards the border. They race North, each pilot concentrating on the FLIR video scene of the ground ahead on the head up display. The high quality monochrome image enables the pilots to fly safely close to the ground, and, in conjunction with their NVG which provide peripheral visual cueing, to manoeuvre

and follow the terrain as if by day.

Taking advantage of ground contours, the formation flies along valleys to remain hidden from radar and penetrate deep into enemy territory. The leader checks and rechecks his flight plan. Though thinking clearly his stress level is high. The responsibility for the success of the mission weighs heavily on him. There is no room for error, everything must be right. His heart is pounding and he has to force himself to breathe slowly and relax.

It is almost time to update his inertial navigation system. He looks down into the cockpit, a mass of instruments and displays, lit with integral blue-green light to avoid interfering with the Cats Eyes and degrading their

performance. The colour map on one of the head down display shows that he is on course and on time. He looks up at the raster (like a video picture) HUD and a few seconds later identifies the planned navigation update feature, a river and rail crossing he overflies the partly destroyed bridge and enters the position in the navigation system. It is only a few yards after over an hour's flying.

The formation leader checks his track and ground speed. He throttles back very slightly to bring the speed back a few knots. He must not be early. His concentration moves to the head up display and the target box which is controlled by the navigation system. On cue the target looms into the box. Bingo! He turns to check his number two is in position, two hundred yards in echelon, conscious that, with Cats Eyes he must turn his head rather than just move his eyes as he would in daylight. Satisfied that his wing man is in place, he turns again to his head up display and begins to bring the vertical bomb fall line to the target, his target. Each pilot has a different aiming point. He holds the release until the aiming solution is steady and then presses the weapon release button. He feels the bombs fall away,

Finally the formation closes on the IP. Passing over it the leader waggles his wings in a silent message. The four-ship abruptly splits into two pairs. The attack will be from different directions, the timing precise, with flight paths coordinated to separate the pairs sufficiently to avoid each other and debris from their weapons, and to get the aircraft through the target area in the minimum time. The four pilots accelerate to target penetration speed and check their weapon switches.

The leader again checks his flight plan. Ten minutes to the Initial Point, known universally as the IP. Away to the north East he sees flak, several skeins of tracer arcing into the night sky. It must be the Tornados revisiting an airfield previously attacked some days earlier. The leader knows that they are deconflicted by fifteen miles.



Cats Eyes Night Vision Goggles

Editors Note

Much has happened since the last issue. One of the more notable changes being the departure to ISD of Keith Snelling and the appointment of Chris Humphris as Divisional Manager. I am sure you will join me in wishing them both success in their new roles.

On a different note, there was some criticism after the last issue that the paper could be renamed 'The Gary Bryant's Group News'. Although I do admit that much of the content was to do with people that work in the Corsair building this is because they sent things in to me. Clare and I are only part time newspaper barons and so if you don't write in, we haven't the time to go looking for news!

If you do want to write something, send it to any of the people listed on the back page.

Frank Hall - Editor

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and the aircraft, relieved of weight and drag, leaps forward. As he jinks and weaves away from the target he catches a glimpse of the other pair egressing well to his right.

The number four shouts in triumph. He has seen all the bombs hit in the target area. The mission was successful! His elation is cut short by the radar warning receiver in his earphones. Galvanised, he jinks his aircraft aggressively while activating the chaff and flare dispenser. Radio silence is broken as the number three pilot announces, 'SAM launch, visual, in the north west quadrant.'

The night is now lit with orange tracer from the anti aircraft defences, caught off guard by the silent attack, firing at random. At full throttle the four aircraft depart the area for the sanctuary of the low hills to the south west.

The return is uneventful. Remaining at low level, hugging the ground until well clear of hostile territory, the reformed flight then climbs to height and returns to the tanker, taking on enough fuel to reach their base with safe reserves.

Bruce Hopkins

Notice Board

Chatham Marine Cadet Unit

A 'Grand Reunion' of Chatham Marine Cadet Unit is planned. If you are an ex-cadet or ex-PFA member and would be interested in attending this event please ring Ian Tabcart on Medway 51700

Court Social

Romance

Romance is not dead! The Valentines crop of proposals is as good as ever and the following people have decided to get engaged:

Alison Gifford of Publications and Clifford Goodman of GSD. It's taken her four years but she thinks it was worth the wait!

Jane Wurfel, also of Publications, and her beloved Chris (Plumbing and Discos a speciality).

Steve Stringer and his girlfriend Jo.

And last but not least ...

Nick Parnell of Software QA, who went down on one knee in three feet of snow at the foot of the Matterhorn and asked the long suffering Jean to be his for ever. Touched by Nick's romantic ways and worried that essential parts of him might freeze if he didn't get up from the snow, she said 'yes'. The happy day is set for Summer 1992.



Nick bullies a passer by into photographing his proposal

I know it's an abuse of editorial power, but for all your wedding and evening wear needs ring Karen Stevens on 0622 670421.

Ed

Babies

Stewart Manewell of Publications and his wife Jackie announce the arrival of Adam on the 6th December. He weighed in at 7lb 6oz.

Hugh and Katie Wightwick became the proud parents of Emma Ruth on 21st November and she weighed 9lb 1oz.



The newest Wightwick

Off to pastures new

It is said that behind every successful man is a woman. Keith Snelling obviously knows this and has decided that he cannot function in ISD without his secretary Kath Pole. Kath would therefore like to say goodbye and thank everyone in the Division with whom she worked. We in return all wish her well for the future.

Julie Hunter, the QA manager's secretary, has left after many years faithful service, to have her first baby, due in April. She will be missed by all and we wish her and baby (when it arrives) every happiness.



Julie - off to start a family

Jim Scouler of Engineering Admin and his wife Michelle now have a daughter, Charlotte Alice, who was born on the 5th March.

Scanner Appeal

To coordinate the activities going on around the divisions, a Company wide, fund raising committee was formed and the first meeting was held on the 4th January with Mr J Bradley, Personnel Director, in the chair. Dave Lucas, a Quality Assurance Auditor, was appointed to be the ADD representative to the committee and can be contacted in the Corsair building on extension 3616.

At the time of going to press, the Company's total stands at £12036 and compares very favourably against the target of £25000. Out of this total ADD have so far contributed £788.30.

In an attempt to boost the ADD total, a monthly raffle was started on the 25th February with prizes of £25, £15 and £10. The draw for this raffle will take place on the fourth Thursday of each month (payday for monthly staff).

Various Discos are to be held in the canteen in the coming weeks. Profits from these will hopefully add a substantial amount to the appeal total.

All offers of help, or enquiries should be forwarded to me as soon as possible. So please help the committee help others

Dave Lucas

Crossword Results

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HARRIER DELTOID
OARRER EKVBI
REFER PAVESPIKE
NLAEO OTTJD
ENLIGHTENS JUMP
TEU P S JAO
LAKEONTARIO
ASANRATYIR
INTERCEPTOR
RASLLS I
CARDSTUBBINESS
RSADAFLO
APHYLLOUS THERM
FITWEN ENE
TYPHOON CORSAIR
  
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The Competition Crossword was completed correctly by ten people and incorrectly by a lot more. These incorrect entries included five, all from the same department, all with the same mistakes and with suspiciously similar handwriting - tut tut!

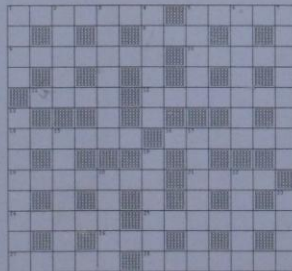
The lucky winner of the competition was drawn in traditional fashion, from a used Readers Digest envelope and a bottle of Scotland's finest was presented to Steve Williams.

Competition Tea-Break Crossword

If, like me, you found that the last competition crossword still didn't make sense even after you had seen the answers, than this is perhaps a bit nearer the mark. Unfortunately I don't know who wrote it but thanks for sending it in anyway. The prize this time is an Easter Egg. As usual entries to be with Clare Boarer (Corsair) by April 26th.

Across Down

- | | |
|-----------------------|-------------------------|
| 1. Hunting trips (7) | 1. Exchange (4) |
| 5. Watchful (5) | 2. Fraction (5) |
| 8. ADD Product (3) | 3. Deterioration (7) |
| 9. Cattle feed (7) | 4. '...not stirred' (6) |
| 10. Avoid (5) | 5. Skilled (5) |
| 11. Cut of meat (4) | 6. Flexible (7) |
| 12. Properties (7) | 7. Cherish (8) |
| 14. Birds of prey (6) | 13. Sweets (8) |
| 16. Retailer (6) | 15. Animal (7) |
| 19. Exterior (7) | 17. Registers (7) |
| 21. Hit (4) | 18. Reconcile (6) |
| 24. Repair (5) | 20. Performed (5) |
| 25. Hunting Dog (7) | 22. Join (5) |
| 26. Fish (3) | 23. Cheese (4) |
| 27. Pay out (5) | |
| 28. Perfume (7) | |



Recipe Corner

How you do it
Cream the margarine and sugar together until fluffy.

Gradually beat in the eggs. Sift the flour then fold into the mixture a little at a time.

Chop the walnuts and add some flour to coat them.

Fold walnuts, milk and vanilla essence adding a little at a time.

Grease a 2lb loaf tin and line with greaseproof paper.

Put the mixture in the tray and then place in a pre-heated oven at gas mark 3 for about an hour.

When cold, slice the cake lengthways into 3 and put to one side.

Cream icing sugar and margarine together and add milk and vanilla essence.

Beat the mixture together and spread the butter icing between the layers and on top of the cake.

Here's a recipe for a delicious walnut cake sent in by Mrs Sheila McNulty of ADD Production. Some lucky members have already 'road tested' the sample and declared it super. So forget the diet, grab the ingredients and start baking.

What you will need

- For the cake:
3 size 2 eggs
9oz caster sugar
9oz margarine
9oz S/R flour
6oz walnuts
Teaspoon of milk
Teaspoon of vanilla essence

- For the butter icing:
8oz icing sugar
4oz margarine
A little milk and vanilla essence

LEISURE ADDVISOR

Cake Eating and Pie Chucking!

The annual Children in Need festivities are always a good excuse to do things that under normal circumstances would have the men in white coats around quicker than you can say 'I'm a teapot'. This year events were no exception to the rule as these two reports show.

The Pie Fight

Picture if you will, a very cold, damp November evening beside the river at Sun Pier Chatham, this was the setting for the ADD Custard Pie Fight in aid of the BRC Children in Need Appeal. It had been organised by Gary Bryant's group, consisting of the Software Department, Publications and Computer Services. Help was also lent by members of Software QA.

Festivities began in a very civilised manner with people throwing the pies at the initial targets, two very 'cute' babies, namely Sean Wadhams and Gareth Knight from QA, from a reasonable distance. However, it soon became apparent that it was more fun to actually place the custard pie on the target and then rub it in, as many people discovered to their costeg. Hagar the Horrible (Rob Jeffery), Hitler (Warren Butcher), 'Doctor Bungay' (Paul Bungay) and 'Sheik Wellard' (Pete Wellard) to name but a few.



Steve Rainsbury - Pudsey Bear Buster

As you would expect, the main target of the evening was none other than Mr Gary Bryant. At one stage there was not much to choose between him and the Abominable Snowman - he was absolutely covered from head to toe in custard pie mix!

The grand finale was something else! It was a completely unorganised 'free-for-all' with 'Pudsey Bear Buster' (Steve Rainsbury), Clowns (Dave Crouch and Denise Cooper), Dragons (Mary Mckinlay), School Girls (Tansie Deans), and more

babies (Clare Boarer) etc. throwing custard pies and anything else they could lay their hands on - somebody even ended up wearing a dustbin full of custard pie mix!!

All in all, the evening was a great success. It was great

fun and we raised a total of approximately £2,000. Special mentions should go to:

Paul Brien who raised £423.33 by having his head shaved (quite a brave gesture when you consider he was attending a heavy metal concert the following week!).

Sheelagh Dunne and Jane Wurfel who between them raised approximately £400, for turning up on the evening dressed only in basques and suspenders etc. (we'll say no more on this subject to avoid any embarrassment)

and to:

Tony Gilbert, Rob Jeffery and Clare Boarer who each raised £241, £210 and £176 respectively, for their part in the Great Custard Pie Fight.

Well done to all those who took part, and to the organisers. It was a great achievement.

Katherine Hurst

Special mention should also go to Steve Rainsbury's Mum (Steve is head of Computer Services) who wrote a stiff letter of complaint to the BBC about the paltry nine seconds of TV air time allotted to her little boy's endeavours Ed.

Cake Making, Beard Shaving and much much more !

Charity begins at home, or in this case, the Contracts Department, and in response to the yearly Children in Need appeal, fund raising went into overdrive. Tracey Smith and Melissa Davies organised a variety of events including a kick off drink at the Warren Wood Club, cake making and selling, a tacky raffle and a swear box.

Richard Docker, the star of Cost and Budget, made a gateau for a guess the weight competition. He followed this event with a 'nice-athon' and people paid him to be pleasant to them!

Tony Giles, the QA smiler, was sponsored to have half his beard shaved off and a glamorous female (Ray Turner) did the honours with a cut throat razor.

The biggest money spinner was a volleyball tournament between teams from ADD Contracts, ADD Software ADD Systems, FCD and MAS D Software. The victorious winners were FCD with ADD Contracts the magnanimous losers.

So after three weeks of eating cakes in a swear free zone, with money being forced out of all and sundry, at every opportunity, the grand total raised was £654. Well done the Contracts Department!

The ADDVISOR Needs You

The Advisor is your newspaper.

It will be as interesting as the articles that are sent in by you.

If your Department has done something of interest, then tell the world!

Articles can be sent to any of the following people:

Frank Hall
Tracey Smith
Linda Mose
Cyril Arnold
Jean Reid
Clare Boarer

Publications
Commercial
Engineering
Production
Library
Corsair Building

Photographs will be returned if requested.

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Indoor Games League Knockout Competitions

During April and May, the Indoor Games League will be holding a series of knockout events at the Social Club.

The competitions will be:

Darts (singles and doubles)
Pool (singles and doubles)
Cribbage (doubles)
Euchre (doubles)

Any Social Club member will be eligible to participate, and a small charge, normally about fifty pence per event, will enable competitors to enter.

Winners and runners up will receive trophies, to be presented with the league trophies later in the year.

The recent bad weather conditions will probably mean that this year's league events will run further into April than normal in order to clear the present backlog of fixtures, and therefore exact dates for these events have yet to be finalised.

For further information, and dates when available, please contact Stewart Manewell, Publications, Corsair ground floor, Tel 3858.