

# CRASH

**ZX SPECTRUM**

A NEWSFIELD PUBLICATION  
NO.43 AUGUST 1987

**£1**  
DM 6.-

The All-Singing,  
All-Dancing Magazine – it's

**ACE** — **ADVANCED COMPUTER  
ENJOYMENT**

WITH SUMMER SMASHES FROM

**TAI-PAN (128)**

Ocean

**EXOLON**

Hewson

**MICRONAUT ONE**

Nexus

**THE BIG SLEAZE**

Piranha

**THE SPECTRUM +3**

— WHAT'S ITS FATE?

**VOTE 87**

The CRASHTIONNAIRE  
RESULTS

**SPECTRUM**  
MONTHLY SPECTRUM SOFTWARE REVIEW  
**IT'S FREESCAPE!**  
The first ever look at Incentive's amazing  
new 3-D games concept!





# GREAT GURIANOS

OFFICIALLY LICENSED  
COIN-OP FROM

**TAITO**

# AIRWOLF 2

OFFICIALLY LICENSED  
SEQUEL TO THE  
UNIVERSAL PICTURES  
TELEVISION SERIES

# CATABALL

**3 NEW GAMES**  
**FOR THE PRICE OF 1**

# TRIO

from

# HIT PAK

**RELEASE DATES**  
Europe 13th July  
UK 20th July

**GREAT GURIANOS**  
Classic Coin-Op Action! Great  
Gurianos, supreme warrior  
battles against all the odds.

"Licensed from Taito Corp. Export outside Europe and  
Australia prohibited."

## AIRWOLF 2

Once again you pilot the ultimate  
combat helicopter, where no one  
else dares to go.

"Go for it Stringfellow Hawke."

© 1984 Universal City Studios, Inc. All rights reserved.

\* A Trademark of and licensed by Universal City  
Studios, Inc.

## 3DC

Beware the perils of the Deep! Quick  
thinking, fast action, and more than a  
bit of cunning will be needed to  
rebuild your crippled submarine,  
your only chance of escape.

## CATABALL

Introducing a new  
concept, delicate control is required  
to steer all 4 balls successfully through a hostile world  
and at the same time achieve your goal!

**SPECTRUM**  
Great Gurianos  
Airwolf 2  
3DC £9.95

**AMSTRAD**  
Great Gurianos  
Airwolf 2  
3DC case £9.95  
disc £14.95

**IBM-PC**  
Great Gurianos  
Airwolf 2  
Cataball case £9.95  
disc £14.95

Mail order, just send a cheque  
or postal order payable to  
**ELITE SYSTEMS LTD.**  
or quote your credit card No.



Screenshots are taken from various computer formats.

Anchor House, Anchor Road, Aldridge, Walsall, West Midlands WS9 8PW  
Telephone: (0922) 59165 Telex: 336130 ELITE G





EDITOR Roger Kean  
 ASSISTANT EDITOR Barnaby Page  
 STAFF WRITERS Richard Eddy, Lloyd Mangram, Ian Phillipson, Ben Stone  
 PHOTOGRAPHERS Cameron Pound, Michael Parkinson  
 OFFICE Sally Newman

TECHNICAL EDITOR Simon N Goodwin  
 ADVENTURE Derek Brewster  
 PBM Brendon Kavanagh  
 STRATEGY Philippa Irving  
 LONDON John Minson  
 CONTRIBUTORS Gareth Adams, Jon Bates, Robin Candy, Mel Croucher, Mike Dunn, Franco Frey, Dominic Handy, Nick Roberts, Mark Rothwell, Paul Sumner

#### PRODUCTION

PRODUCTION CONTROLLER David Western  
 ART DIRECTOR Gordon Druce  
 ILLUSTRATOR Oliver Frey  
 LAYOUT Tony Lorton, Mark Kendrick, Tim Croton, Seb Clare  
 PROCESS AND PLANNING Matthew Uffindell, Jonathan Rignall, Nick Orchard  
 ADVERTISEMENT MANAGER Roger Bennett  
 ADVERTISEMENT ASSISTANT Nik Wild

SUBSCRIPTIONS Denise Roberts  
 MAIL ORDER Carol Kinsey

PUBLISHING EXECUTIVE Graeme Kidd

EDITORIAL AND PRODUCTION  
 1/2 King Street, Ludlow, Shropshire SY8 1AQ ☎ (0584) 5851

MAIL ORDER AND SUBSCRIPTIONS  
 PO Box 20, Ludlow, Shropshire SY8 1DB ☎ (0584) 5620

ADVERTISING  
 ☎ (0584) 4603 OR (0584) 5852

Typesetting by The Tortoise Shell Press, Ludlow

Colour origination by Scan Studios, 44 Wallace Road, London N1 1PQ

Printed in England by Carlisle Web Offset Ltd, Newtown Trading Estate, Carlisle, Cumbria CA2 7NR—member of the BPPC group

Distributed by COMAG, Tavistock Road, West Drayton, Middlesex UB7 7QE

No material may be reproduced in whole or in part without the written consent of the copyright holders. We cannot undertake to return any written or photographic material sent in to CRASH unless it is accompanied by a suitably stamped, addressed envelope. Unsolicited written or photo material which is used in the magazine is paid for at our current rates.

© 1987 Newsfield Ltd

**NEWSFIELD**  
 A NEWSFIELD PUBLICATION



COVER BY Oliver Frey

# CRASH

## ZX SPECTRUM

ISSUE 43 AUGUST 1987

### FEATURES

- 40 RUN IT AGAIN**  
Richard Eddy and Robin Candy compare the DYNAMIC DUNGEONS of Gauntlet clones
- 48 FANZINE FILE**  
Barnaby Page and Robin Candy shuffle through some of the latest computer game fanzines
- 62 VOTE 87**  
Who listens to Radio One? Find out as we reveal your answers to this year's CRASHTIONNAIRE
- 64 SOFTWARE PROJECTS CLASSICS**  
Another great CRASH Special Readers' Offer
- 83 3-D GAMES**  
Franco Frey takes a look at CRL's perspective game maker
- 106 FATE OF A NEW MACHINE**  
A built-in disk drive for Spectrum owners is here at last, but how will the +3 really fare in the high streets?

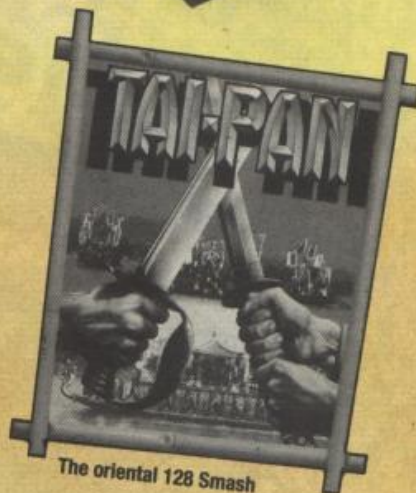
### REGULARS

- 7 EDITORIAL**  
Bits and pieces from the august desk of R Kean Esq
- 10 NEWS**  
That Buggate in full
- 12 FEAR AND LOATHING**  
Minson has the Living Daylights scared out of him, sees Activision and talks about THE GAMES MACHINE
- 35 LLOYD MANGRAM'S FORUM**  
That Barbarian scandal in full, and do we like videos?
- 50 PHILIPPA IRVING'S FRONTLINE**  
More strategy from the Lady in Arms
- 55 LLOYD MANGRAM'S PLAYING TIPS**  
A whole load of The Sentinel codes, plus POKes galore and a map or two
- 65 TECH NICHE**  
Simon Goodwin delves into the complexities of the Multprint Interface
- 71 BREWSTER'S ADVENTURE TRAIL**  
It's detectives all the way from sleazy Manhattan to the rural backwaters of England
- 79 PBM MAILBOX**  
Brendon Kavanagh puts the butter on some more roles
- 88 COMPETITION WINNERS**
- 100 PREVIEWS**  
Merely Mangram on the next batch of games including Stiffip & Co and Freescape
- 104 ON THE SCREEN**  
Mike Dunn presents The CRASH Gallery, plus an Art Studio competition
- 105 JETMAN**
- 107 VIDEO REVIEWS**
- 110 CRASH READERS' CHARTS**
- 113 THE TERMINAL MAN**  
Cross finds himself in the middle of The Searing

### DO IT YOURSELF

- 44 WIN A WATER ZAPPER**  
From Hewson in our Exalon competition
- 77 GET IN FOR FREE!**  
To the 10th personal Computer World Show. We've got 50 tickets to give away for the event of the year!
- 87 KILLED UNTIL DEAD**  
Super sleuth competition from US Gold

The new Spectrum – what's its fate?



The oriental 128 Smash

An exclusive look at Incentive's amazing new 3-D technique FREESCAPE, on page 100



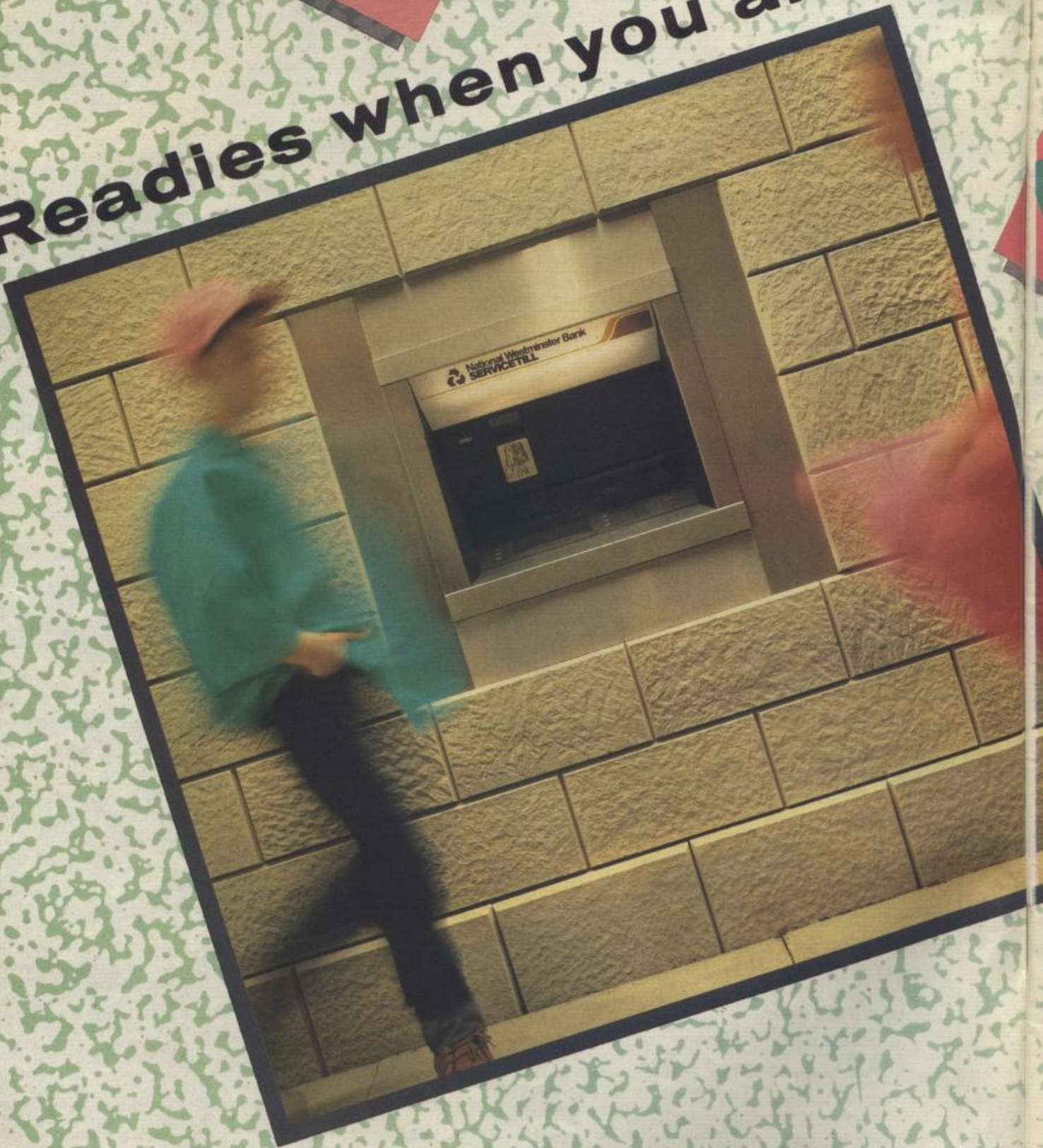
Comparisons return in RUN IT AGAIN



The next CRASH from platform four will be leaving on 27 August, calling at all stations between Ludlow and the world in general. Passengers are advised that there is no dining car on this service, but the buffet's quite good and the sandwiches, though a touch dry, have delicious and colourful fillings. If you miss this CRASH you might just miss the bus. Thank you (click).



**Readies when you are.**





Your cash. Straight from the Servicetill.  
Whenever you want it.



What could be handier than an  
On Line Servicecard?

At the mere press of a button you  
can withdraw up to £25 a week of  
your savings, check your balance or  
ask for a statement. You can apply  
for a Servicecard when you're 14.  
We're ready when you are.

 **NatWest** The Action Bank

**P R E S S F O R A C T I O N** 

Account opening requirements and conditions must be complied with. Terms and conditions may vary. Seven days notice of withdrawal is required to avoid loss of interest. Registered office: 41 Lothbury, London EC2P 2BP. Account is available to anyone under 19. A minimum of £3 opens an account, of which £1 goes towards the cost of the opening pack and the remainder is credited to your account. You must have a minimum of £25 in your account when applying for a Servicecard. You can apply when opening your account with a minimum of £26 of which £1 goes towards the account opening pack.



# *the* **GAMES** *machine*

**COMPUTER & ELECTRONIC  
ENTERTAINMENT**

**On Sale  
September 17th!  
£1.25**

**WAIT  
FOR IT ...  
WAIT FOR  
IT ...**

**TUNE IN TO  
NEXT MONTH'S  
CRASH FOR MORE  
DETAILS ...**



**THE BEST  
THING TO HAPPEN  
TO COMPUTER MAGAZINES  
SINCE  
CRASH AND ZZAP! 64**





# CRASH

ZX SPECTRUM



This issue of CRASH is dedicated to the memory of Fred Astaire, who died recently in

Hollywood. Videos are now introducing his many films to generations unborn when he was in his prime. Astaire was not only one of the finest dancers, but also a great entertainer and man who always strived to perfect his skills – an example to us all.

## FREEWHEELING

HOW OFTEN have you heard it said that programmers have reached the limits of what the Spectrum can do? I can remember, from the dim distant days of early CRASH, software houses claiming on their inlays that their game pushed the machine to its outer limits – though that hardly counts, they've always said things like that. But it was felt that Ultimate approached those nebulous limits with each new game, and with *Tir Ná Nog* Gargoyle looked as though they had exceeded the limits, which to some extent they had.

Since then, the barriers erected largely by advertising hype have been broken again and again. However, during much of the past 12 months I've detected a wider appreciation that programmers feel there's not much more they can do to go beyond what has already been done, and it's a situation recognised by games-players in so many letters. The recognition is probably inspired more by the plethora of conversions and tie-ins, few of which do justice to their original source, let alone attempt to push a computer to its processing capacity. A feeling of complacency and of stagnation has seeped in.

And yet, through improved techniques for compression of code, isolated programmers throughout Britain are still striving to make the Spectrum perform functions Sir Clive would never have dreamed of – and succeeding.

Such people at Incentive Software have been working for almost a year on *Freescape*, a 3-D presentation previewed on page 100. It's the first time the true complexities of vanishing-point perspective have been attempted with filled-in shapes. There have been plenty of 3-D games in the past using solids rather than wireframe, but none has ever gone as far as Incentive's *Freescape*. You could always get higher and look down slightly, but you could never go over that wall blocking your way as you can do with *Freescape*.

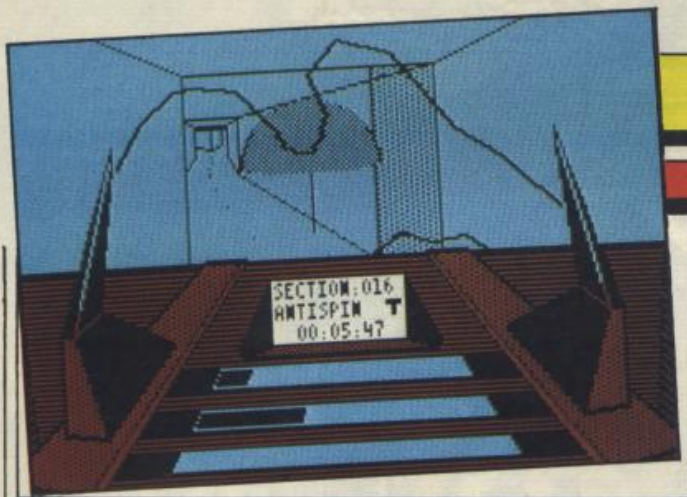
This isn't a technique for fast shoot-'em-ups because the processing capacity of even 128K isn't sufficient for high speed. That remains very much the province of games such as *Micronaut One*. But just think what avenues it opens for exploring games and strategy games such as *Lords Of Midnight*!

*Freescape* is a technique and not in itself a game. The first to be produced using *Freescape* is *Driller*, and whether or not that realises the full potential of the technique, and whether it's a good game or not, remains to be seen; but for those readers bemoaning the state of the industry, take heart – things are still happening on the Spectrum!

In fact, because of the innovative programs generated here, British software generally is enjoying a great vogue in the USA. Traditionally we've imported games from the States, and America (or Japan) has been considered the cradle of games-playing civilisation. The cradle's swinging. Many British software houses have recently found their games accepted by an increasingly excited American public. Now it's time for us to offer Americans our version of Advanced Computer Enjoyment, and it's innovations like *Freescape* that will help ensure British software a preeminent position on America's computer-store shelves in future months.







► A typical tunnel network from Micronaut One.

## CLAP YOUR HANDS IF YOU BELIEVE IN FAIRNESS

THERE WERE dark words at the Towers over Robin Candy's review of *Micronaut One* (page 92). Nothing to do with the comment itself, you understand – it's just that Robin did design the fourth (and last) tunnel for the Nexus game, and some of us felt he was a bit too close to the product to assess it objectively. After all, the reasoning goes, we wouldn't ask Pete Cooke to review his own game, would we...?

I suppose we might, out of curiosity, but we wouldn't present it as an unbiased view. And you can be sure that, in the future,

whenever a CRASH writer has some personal connection with a piece of software you'll be warned about it. If you're aware of a possible conflict of interest, the problem is defused.

The real, undetectable, often unconscious conflicts of interest come over little things: gifts and free lunches from software houses, which may prejudice the reviewer. At CRASH we're cracking down on these, too.

Back to reviewing: the point extends beyond Robin. Programmers, designers, what have you probably aren't the best

people to review software. There's a risk they'll look at it from too much of a technical view, an insider's view, thinking 'now what would I have done with this?' rather than taking the player's – potential buyer's – view.

Derek Brewster seems to be a happy exception to this rule, and

looking at his ADVENTURE TRAIL (page 71) you'd hardly guess it's the author of *Kentilla* writing – in the right hands, behind-the-scenes knowledge can broaden a reviewer's view rather than constrain it.

ROGER KEAN  
BARNABY PAGE



ON THE OCTOBER COVER (Issue 45) you'll find a cassette containing some great games demos, playable levels of releases due during October and November from major software houses. The cassette isn't exactly free – it's an EXTRA – because the October Issue will cost £1.50, but we promise you won't be disappointed.

It's still too early to give away all the tape's secrets, but expect to see lead games from companies like Elite Systems, Gremlin Graphics, Incentive, Martech, Mirrorsoft, Melbourne House, Ocean, Thalamus and US Gold. The offering from Thalamus (no secrets here) will be *Delta*, the Spectrum conversion of Stavros Fasoulas's hit C64 game.

Issue 45 goes on sale as the PCW Show opens, and will reflect all the glitz and excitement of that event in the demos. Definitely an issue *not* to miss. More details on the cassette contents next month!

### ADVERTISERS' INDEX

Ariolasoft	33	Imagine	115, B/C
Cobrasoft	67	Lerm	39
CRASH Back Numbers	46	Martech	21
CRASH Classifieds	104	Mattel	26, 27
CRASH Dust Covers	104	Microprose	17, 70
CRASH Mail Order	112	National Westminster Bank	4, 5
CRASH Subscriptions	46, 47	Ocean	98, 99
CRASH T-shirts	34	Palace Software	69
Domark	61	US Gold	45, 86
E & J	37	Verran	54
Electronic Services	39	Video Vault	28, 37, 89
Elite Systems	2	Virgin Games	9
The Games Machine	6	ZX Microfair	81
Gremlin Graphics	13, 103		

### SOFTWARE REVIEWED

50 Apocalypse Lothlorien	Deathride
71 The Big Sleaze Piranha (Smash)	Reaktör
83 Bride of Frankenstein 39 Steps	16 Mutants Ocean
85 Catch 23 Martech	73 The Mystery of Arkham Manor Melbourne House
95 Challenge of the Gobots Ariolasoft	84 Ninja Hamster CRL
30 Championship Baseball Activision	74 Operation Berlin Wrightchoice
97 Convoy Raider Gremlin Graphics	25 Pneumatic Hammers Firebird (Silver)
51 Dark Empire Infogrames	31 Prohibition Infogrames
91 Deadringer Reaktör	18 Trio Elite Systems
14 Exolon Hewson (Smash)	96 Road Runner US Gold
74 The Fantasy Mediandroid	22 Rubicon Bug-Byte
22 Flash Gordon M.A.D.	20 Slap Fight Imagine
19 Galletron Bulldog	15 Spaced Out Firebird (Silver)
32 Hades Nebula Nexus	90 Starfox Ariolasoft
72 Inspector Flukeit Top Ten	91 Super G-Man Code Masters
32 Killer Ring Reaktör	29 Table Football Budgie
84 Leviathan English Software	24 Tai-Pan (128) Ocean (Smash)
94 The Living Daylights Domark	82 Trans-Atlantic Balloon Challenge Virgin Games
92 Micronaut One Nexus (Smash)	29 Ultima Ratio Firebird (Silver)
30 Mountie Mick's	23 Voldrunner M.A.D.
	93 Wolfan Bulldog
	82 Wonder Boy Activision

## IN NEXT MONTH'S CRASH

### CRASH CHALLENGE ARRIVES!

Don't say we don't listen to you! By popular demand CRASH finally gives in and arranges the first ever Games Challenge between a reader and a reviewer. Even now the shortlist is being examined for a luckless challenger to come to Ludlow to face the arcade might and playing power of... (see next issue).

### HOME GROWN SOFTWARE

The popular do-it-yourself column returns when tape-wader Mike Dunn delves into the programming skills and games designing abilities of the CRASH man in the street.

### PLUS...

Following our preview of Mattel's Nintendo, we have a look at another contender, Sega's Master System, together with some of the available cartridge software. Richard Eddy previews the event of the year, the 10th Personal Computer World Show – who will be there and what will they be showing? And of course there's all the regular favourites, loads of reviews and some exciting competition opportunities.

**DON'T MISS IT!**



# REBEL

An action-packed four directional scrolling arcade game. Guide your tank through the heavily guarded compounds of the Agri-dustrial combine, using the giant laser and solar reflectors to blast your way into the next level, and finally... to Freedom!

Produced by Gang of Five

Commodore 64/128 Spectrum 48/128 £9.95

REBEL is available from all good software retailers, or directly from us.



Please make crossed cheques or postal orders payable to Virgin Games Ltd and send to Virgin Games, 2/4 Vernon Yard, Portobello Road, London W11 2DX.

PLEASE DO NOT POST COINS OR MONEY!

☐ Commodore 64/128 (**£9.95**) ☐ Spectrum 48/128 (**£9.95**)

Name \_\_\_\_\_

Address \_\_\_\_\_

Total money enclosed \_\_\_\_\_



# KERRASH!

# N·E·W·S I·N

## SOFTWARE CARES

**MONTY MOLE** is running for a good cause this summer as the software business loads up for charity.

Most attention has gone to *Backpack*, a ten-game £9.99 compilation scheduled for release around 1 September. (The compilation's official name is *Kidsplay*.) The *Backpack* organisers, led by Activision's Rod Cousens and Gremlin boss Ian Stewart, hope to raise some £270,000 for the National Society For The Prevention Of Cruelty To Children (the *Back* bit in the title stands for *Battle* against cruelty to kids). That's enough to set up a new Child Protection Team – a 24-hour service which responds to urgent problems like child abuse.

They've got a strong line-up to challenge the *Soft Aid* compilation, which held Number One in the charts for three months in 1985 and pulled in £350,000 for Bob Geldof's Ethiopian famine-relief. And the *Backpack* team, calling themselves *Kids Aid*, can also take encouragement from the success of last year's antidrug compilation *Off The Hook*, which has raised some £70,000 so far.

Cousens hopes to sell more than 20,000 *Backpacks* on the Spectrum alone – and every copy adds to the charity's coffers. (Distributors and retailers will be allowed to make a small profit on the game. Otherwise, Cousens fears, they couldn't afford to handle it.)

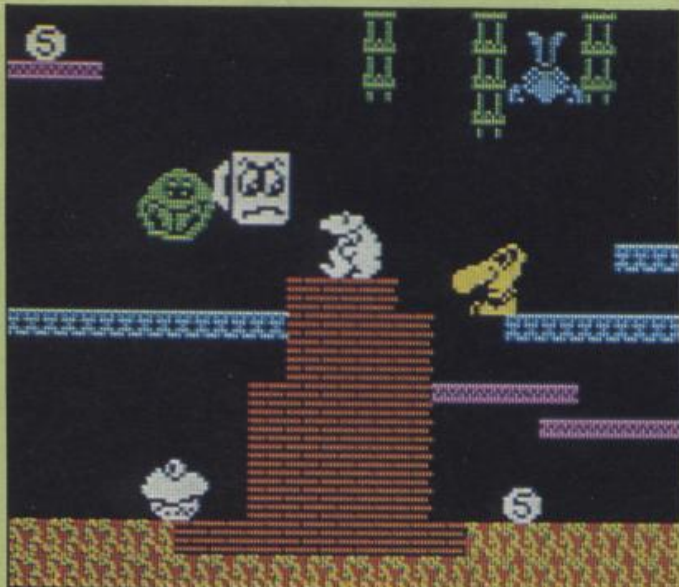
On the Spectrum, *Backpack* comprises: *Bounty Bob Strikes Back* (US Gold), *Deactivators* (Ariolasoft), *Lunar Jetman* (Ultimate), *Mailstrom* (Ocean), *Marsport* (Gargoyle), *Monty On The Run* (Gremlin), *Night Gunner* (Digital Integration), *Starion* (Melbourne House), *Starstrike* (Realtime) and *Xeno* (A'n'F Software).

Other charities have discovered the high profile – and high returns – of the micro world. For instance, War On Want is asking software houses for unwanted stocks of games, which it'll sell at the ZX Microfairs and other shows to support its Third World antipoverty work. War On Want discovered the industry last year when it raised some £10,000 with the *WOW Games* compilation.

The London-based fanzine *Compute* donates its profits to groups like Children In Need and Ferry Aid (see future FANZINE FILES). In Cwmbran, Wales, the computer shop Soft Centre hopes to raise at least £500 in August for medical research to help children. And when the St John Ambulance Brigade celebrated its centenary recently, Ocean obliged with 10,000 pieces of software for underprivileged kids.

The software houses will go a long way to emptying people's pockets – but this summer they're giving a bit back.

► Reach for the charts: *Monty On The Run* is part of the *Backpack/Kidsplay* charity compilation



## LOOK SHARP AND B#

**RETURNING** to the pages of CRASH because he 'needs the money', fave Ludlow heart-throb Robin Candy has gone and got himself into a local band by the totally awesome name of **Adlib To Fade** (known in typographical circles as **Adlib To Fade**).

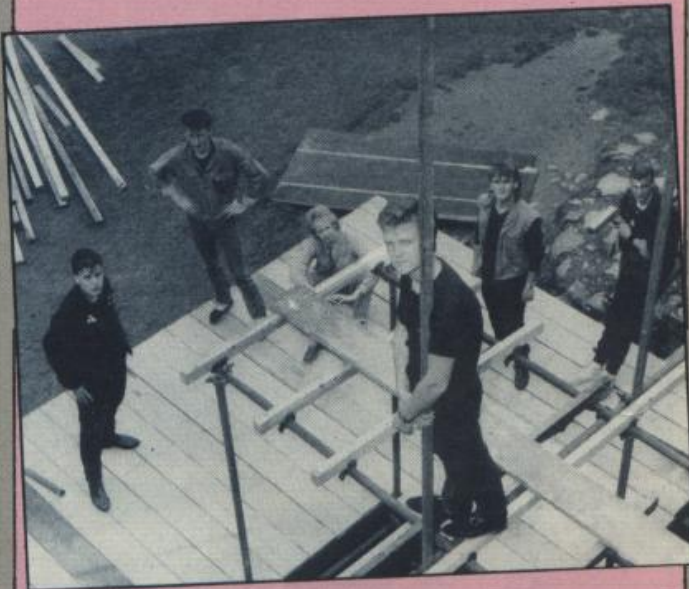
After working under the yoke of Roger 'Trevor Horn' Kean for several months, Rob bought himself a spanking new Yamaha DX21 and is now spouting the joys of Low Frequency Modulators.

**Adlib To Fade** consists of six members and has been together for some six months. Fresh from their first gig at little Leominster, at which the crowd went wild with delight, the Adlibbers have decided to take the summer off and work on new material, preparing to launch themselves on an unsuspecting world sometime around

September.

As Robin pointed out over a carrot salad by the poolside of his adobe-style West LA home, any record producers reading this should sign up **Adlib To Fade** immediately because 'we're Ludlow's premier band and leave the likes of U2 and Curiosity gasping in admiration'.

Pictured here are the infamous **Adlib To Fade** lads themselves posing around Ludlow Castle. From left to right are Jonathon Harris (bass), Jonathon Howard (guitar and blisters), Jason Howard (keyboard and earrings), Andrew Thomas (drums and wrecked cars), Lee Watkins (guitar, vocals and perms) and last but by no means least Robin Candy (keyboard, vocals and money).



► Swede and low: the very lovely Hunter S Minson with his Scandinavian bride Madeleine Kihlberg. They're married this month. That explains why Minson's being going to Stockholm so much recently...





# THE BUG THAT ROARED

**The dark side of FANZINE FILE – how one small mag shook the software giants**

**THREE YEARS** seems like forever in an industry where 1984 is 'ancient history'. And for a fanzine three years is more than ambitious; it's well nigh impossible. But this summer four North London fanzine editors are trying to hold off the end of a three-year era – the end of the small, smudgy but outspoken *Bug* cutting a swath through the software jungle.

What could a team of teenagers write that would alarm the industry so much that Gargoyle Games struck them off its mailing list for review copies?

Gargoyle slammed *The Bug's* 'extreme political views' in its letter to the fanzine in February 1986. And *The Bug's* controversial break with Creative Sparks Distribution (CSD) in May was certainly over its strong content, whoever you believe.

The stories differ. *The Bug's* editors charge that CSD, its distributors, objected to the fanzine's review of their Commodore game *Cyber I* (on the Super Sparklers label) in *The Bug's* April issue. But CSD Managing Director Henry Kitchen gave *CTW* (Computer Trade Weekly) another reason: the fanzine's language went too far, he felt. 'I couldn't justify supporting them,' Kitchen said after listing some mild swear words *The Bug* had allegedly used.

## POLITICAL BROADSIDES

*The Bug* has never kept its views to itself. Though most amateur computer mags put their effort into visual presentation, *The Bug's* six-by-eight-inch pages have limited it to a drab standardised format without sophisticated artwork.

So almost uniquely among fanzines it's based on words, on passionate and often well-written text which rarely indulges in the puerile fooling of many fanzines. And as well as reviewing games, *The Bug* tackles the issues: the merits of marketing, the legal obligations of software shops.

Sometimes *The Bug* is coloured by controversial politics, too. Its reviews of *Falklands 82* and *Battlefield Germany* harshly criticised the warlike PSS mentality. And what upset Gargoyle was a *Bug* ad attacking Rupert Murdoch's treatment of his News International print workers – an ad placed by *The Bug's* editors themselves.

Even now, as *The Bug* plans a series on famous people and computers, they won't print the Prime Minister's contribution – because 'it's a Party Political Broadcast by the Tory Party,' according to coeditor Jaron Lewis.

And in a recent letter to *CTW*, Lewis and his fellow *Bug* founder Jeffrey Davy pontificated on sexism in games ('Mag

Max stars a MALE, *Greyfell* stars a MALE cat...').

So it was no wonder that when the break with CSD came, Lewis and Davy leaped into the argument with a press release, a diatribe against the software industry in *CTW* – and some damning allegations against CSD.

'We did have a contract with CSD, which they broke,' says Lewis. 'They didn't seem to think very much of the contract.' *The Bug* had a hard time getting CSD to give them their usual 250 copies from the 1,500 print run of that contentious April issue. And the distributors added insult to injury, Lewis alleges, when CSD executive Leigh Richards hung up on the two editors.

## THE GOODNESS OF THEIR HEARTS

CSD, after their first criticisms of *The Bug's* 'growing pains', were anxious to play the issue down. 'The whole thing has been initiated by them,' says Managing Director Henry Kitchen. *The Bug* are trying to make mileage out of it.

Certainly CSD sought neither fame nor fortune from their brief *Bug* sponsorship, which started last Christmas. The company based in Farnborough, Hampshire had only an unobtrusive credit at the end of *The Bug* – yet they met printing costs of some £1,200 an issue. And most copies of the 40p *Bug* were distributed by CSD through its

► **The acceptable face of software?: CSD's Henry Kitchen**



PHOTO: Computer Trade Weekly

software retailers, too; the fanzine had only a few for subscriptions, schools and friends.

'Sponsorship is something we do because it's helpful to people,' explains Kitchen. 'Whenever we've given something we give it – and we don't feel the need to shout about it.' So his colleague Richards won't name CSD's other fanzine sponsorships, which he describes as done 'out of the goodness of our hearts'.

Pressed on the *Bug* issue, Kitchen admits 'the magazine was not what we expected and that's why we pulled out'.

## 'BY AND FOR CONSUMERS'

And there it is. *The Bug* has gone back to photocopying; they've found two software-industry sponsors for their Issue 30, but nothing permanent; and as 'a magazine by and for consumers' they'll carry on arguing with the industry's faults.

'I expect we'll survive,' says Jaron Lewis. 'We've survived coming up to

or racist or heterosexual.' Among the adopted pages in the next *Bug* is one bought by... CSD.

But here comes the crunch: does *The Bug* matter to the industry? One top marketing person observes: 'When the question comes down to it, would you advertise in that publication?', I'd say 'no'.

And do *The Bug's* reviews, positive or negative, make any difference to software sales? Or have their letters to the trade press and their pretensions to megamagazinedom (the *Bug* Publications UK 'newsroom' claims a News Editor and eight telephone lines on Jaron Lewis's one number...) given the issue a false importance?

## KICKING THE TEETH THAT BITE THEM?

Most software houses feel that despite a recent boom in fanzines – one large company receives three or four a day – sending them review copies does more for goodwill than for good sales.

And Nexus's Ian Ellery voices a still-common suspicion: 'A lot of fanzines just set themselves up so they can get free software. It's worth their while – but not worth anybody else's while.'

The PR people agree, though, that *The Bug's* the best and that review copies aren't wasted there. Jeffrey Davy, of course, backs them up – and believes a single fanzine could make a difference.

'The growing number of fanzines doesn't help anybody,' he says. 'We look in the CRASH FORUM, and every

issue there's a letter saying 'me and a few friends are going to start a fanzine'. Hundreds of them... it's ridiculous. It's much better to get in touch with a working fanzine and work for them.'

'The main problem is people who get software and haven't got the compulsion to carry on. Things like *Your Sinclair's Fanzine Of The Month* are really bad, because it suggests you should start your own fanzine and send it in.'

'People spend months making the fanzine really pretty and win the prize, and that's a kick in the face for the people who do it every month.'

**BARNABY PAGE**

► **'Extreme political views': left to right, Danny Marcus, Jeffrey Davy and Jaron Lewis of *The Bug***



PHOTO: London Daily News/Syndication International

three years.' Davy even sees a silver lining in the CSD cloud: 'Looking forward now, it's going to be easier to survive, because we're more wary. We're looking more closely at things after CSD.'

While they're unsure about the date of their next issue – exams, as much as enemies, are holding the 15- and 16-year-olds up – *The Bug's* editors plan to fund the fanzine without sponsorship, if necessary.

'Because advertising is immoral,' explains Davy light-heartedly, 'we're going for the *Bug* Adopt-A-Page scheme. They put forward a nominal sum (£20 a page) and put what they like on the page... so long as it's not sexist



# Fear & Loathing



## CHOC ICE AND SNAILS FOR DINNER

After having *The Living Daylights* frightened out of him, Minson offers his guide to decent dining on a budget in London...

Jehovah and his choir of angels, it sounds like the end of the world. The crack of doom has just opened up, and it's all happening right above my head. Could it be that they're mending the roof at last?

Still, it's all relatively subdued compared with *The Living Daylights*. *The Living Daylights* – The Movie, that is, and not the program because I doubt even Plus owners will be able to reproduce the deafening excess of the new James Bond epic.

Truly the boys from Domark are licensed to work wonders, so a week before Chuck and Di got to sample the joys of Timmy Dalton's dimple, everyone who's everyone in computer journalism trolled down to Pinewood studios for a super-exclusive preview of the film.

This was the full red carpet treatment, and being an arrogant swine I strode down the centre of the crimson stripe and marched into a buffet that made the Black Hole of Calcutta seem like an empty icebox. However somewhere between the samies and the champagne I did manage to make out a be-suited quintet of familiar faces. You can tell it's a big event when the whole Ludlow Mafia don their best whistles and make their way down to the smoke.

You'll be reading enough about *The Living Daylights* – The Game and The Movie elsewhere over the next few months. Enough to say that the former looks like it follows the latter extremely closely and that the latter is a damned sight better than any of old Eyebrow's attempts. Timothy Dalton is a return to the traditional Bond values of a tough guy with ice-cool charm and a streak of sheer sadism.

Domark didn't miss a trick. Gourmet Dave Carlos even dished out King Cones before the show began. He looked so at home with the little tray perched on his midriff I wondered if this wasn't his true vocation. What with Q himself to introduce the movie and gifts of whistling keyrings, this was a

contender for lavish launch of the year.

But there's more than one way of winning a journo than choking him with choc ices. An alternative route to a hack's heart is through his more finely tuned taste buds. Which is why Code Masters' invite to L'Escargot (that's The Snail for all you cunning linguists out there) was more than welcome.

'There's obviously money in £1.99 releases,' I whispered to the slinky editress of another publication (that's a T-zer for you) as I studied the menu. Sure enough, while we waited the ever-elegant (though no longer quite so eligible, if my sources are correct) Baxter confirmed my suspicions.

Michael, or Co-Co as those of us in the know call him, hit us with the facts straight away. The latest Gallup chart shows that Code Masters have the second largest market share in this country, which means that they're flogging an awful lot of cassettes.

Which is all very interesting if you're one of Maggie's brave new capitalists, but if you're more interested in loading bits than shifting units, the good news is that there are two new Spectrum releases on the way, to wit (to-woo) *Grand Prix Simulator*, an overhead race game with two player option, and (reviewed on page 25) *Super G-Man* (Geel), a shoot-'em-up.

With the company also invading Germany and shooting up sales on the continent it looks like they have reason to be buying celebratory lunches. There's just one unanswered question.

Whose boots are those opposite? Did Baxtie wear them as he goose-stepped into Cologne? Or does his assistant, sexpot Sarah Donovan, have a penchant for riding kit? I think we should be told... and in the latter case provided with photographic evidence.

Talking of riding crops, which we weren't, leads me to the man with the flattest crop this side of Vidal Sassoon's. Yes, I'm talking about Andy Wright, who obviously felt that I'd had too many of these

gang bangs and so invited me out for an intimate tête-à-tête in a Hampstead wine bar.

Very little to whine about though because the food was excellent and as for the fruit of the vine... well, we were forced to imbibe a bottle and a half because, as Andy observed, 'I just can't get used to seeing you sober.'

► 0 for a closer walk with Code Masters



It was all perfectly innocent... or so I thought. But there was a reason for the hospitality. 'You're in the pay of Microprose, aren't you?' Wright asked. I tried to deny it but to no avail. 'Well, tell Wild Bill that we've got a message for him.'

It seems that nuclear simulations hold no terrors for Flat Top's troupe of crack commandos. They've got something special lined up, should the Major try to drop in, sitting on a bomb, Dr Strangelove style. Yes, Activision has completed its star wars defence while Ronnie still dithers about who gets to play Luke Skywalker.

*High Frontier* (which is a funny place to have an ear, but no worry) is a serious SDI simulation from master strategist Alan Steel, co-author of *Theatre Europe*, but

that's unlikely to stop it getting flack from the lily-livered types who think wargames will turn you into mindless sadists. As Andy pointed out, nuclear destruction does not lead to victory.

But there's more! If that isn't enough to get Wild Bill trembling in his army boots, Activision has signed up Big Arnie himself – or rather Schwarzen-ham-and-egger's new movie, *Predator*. Andy had just seen it and reckons it's extremely gruesome... more stomach churning details soon.

But their final trick has been to call in the forces of the supernatural by signing up *Knightmare*, the new TV adventure game show from Anglia. This looks like it could be one of the biggest events in computer-related TV shows. None of your Micro Live, BBC nonsense... this is computing for fun.

You won't be able to thrill to the show until September, but you will be able to read all about it. Where? Well, let's save the best bits till last. A few weeks ago I was gagged, blindfolded and whisked away to a Birmingham bistro where the bearded Kidd swore me to secrecy before telling me about a new Newsfield magazine.

Swore me to secrecy? Well, I've never believed in 'off-the-record' information, so I'm going to blow the gaffe. **The Games Machine** will be looking at all those micros out there which aren't covered by CRASH and ZZAP!, and though there will be information on your eight-bit favourites you'll also be able to get on sixteen-bit wonders, games consoles and who knows what else...

Mel! I know what else because I'll be playing a part in this exciting new project. So there'll also be... Hang on, the banging up above has stopped. What was that thud? It's a squadron of the the SAS. No it's Graeme! Honest, boss, I wasn't going to tell them about the... No!!! ARRGH!!! Well, I guess you'll just have to wait till September, otherwise Big G might break my other arm!

Yours in F&L...

HUNTER S MINSON



# NOW FOR COMPUTER

# MASK™

## The Battle Continues!!!

Join with the forces of MASK, skillfully commanded by the brilliant strategist Matt Trakker and combat the evil of the villainous VENOM in their quest for domination of the world. No longer need you stand by and passively observe the evil deeds of Mayhem and his co-conspirators. Here is your chance to dig deep into your cunning and put your skills to the test against possibly

the greatest master criminal the world has ever seen, fact or fiction.

This classic conflict of good versus evil is portrayed with a realism and excitement that can only take its lead from the world's most famous collection of superheroes and supervillains. There are creations of adventure, there are creations of combat but there is not a creation quite like MASK!!!

SAY GOODBYE CONDOR

MAYHEM!!

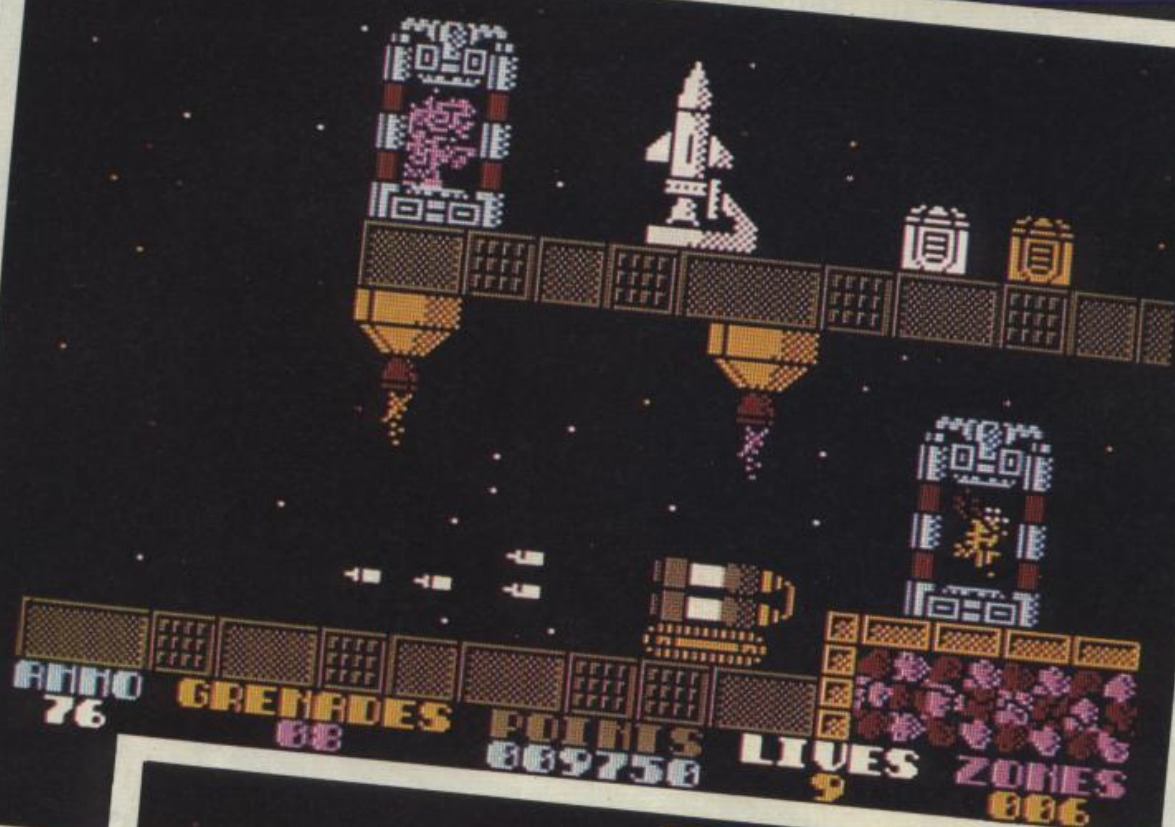
BRAD! THIS IS THUNDERHAWK  
HOLD ON, I'LL SOON BE  
ON HIS TAIL...

MASK™ AND THE ASSOCIATED TRADE MARK ARE THE PROPERTY OF KENNER PARKER TOYS, INC. (KPT) 1987

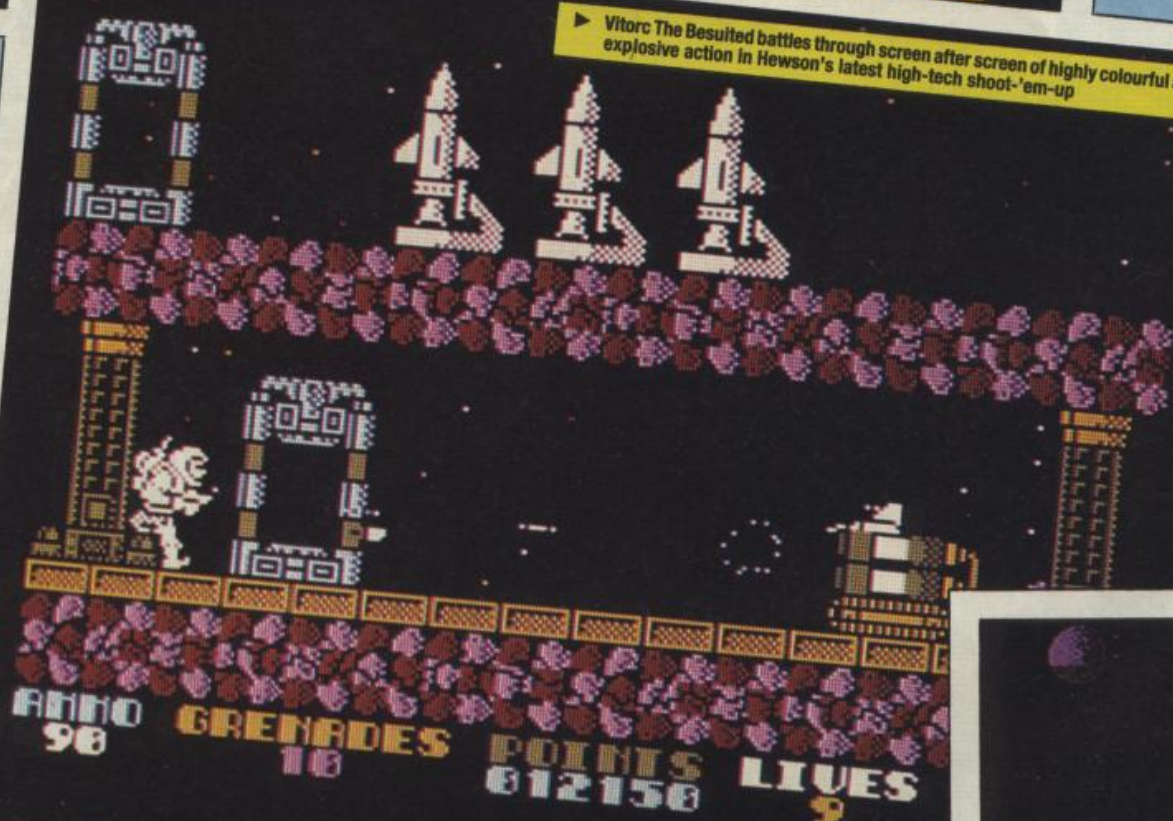
## GREMLIN

£9.99 TAPE  
£14.99 DISK  
Spectrum 48/128K - £7.99 TAPE





► Vitorc The Besuited battles through screen after screen of highly colourful and explosive action in Hewson's latest high-tech shoot-'em-up



Producer: Hewson  
Retail Price: £7.95  
Author: Raffaele Cecco





**W**ith your great reputation as an eraser of aliens, you're employed to rid a planet of a mixed bag of beasts. You face a world infested with rotund attackers released from birth pods, homing missiles, accelerating space lice, exploding mines, and bum-pummelling hydraulic plungers.

For protection you carry a blaster to destroy the lesser, thin-skinned aliens and laser-beam barriers; grenades that take out stronger creatures, machinery, obstructing rock formations and mushrooms; and a pulse bomb that disrupts enemy security systems. Blaster ammunition and grenades are replenished with each loss of life, and extra supplies may be collected from arsenal boxes.

For additional safety, passing through a dressing unit clothes you in an exoskeleton, and thus besuited you have extra blast power and protection against ground mines and some aliens. But if you're wearing this suit when a level of 25 screens is completed, your bravery bonus falls from 10,000 points to only 1,000.

### CRITICISM

"It's always nice to relax with a good shoot-'em-up, and Exolon is an excellently-presented game of this type. The graphics are highly detailed and colourful, and the movement is very smooth. Though it's very simple, it can keep you amused for hours - each screen presents the player with a host of new problems. Instantly playable and highly addictive, Exolon makes an excellent buy for shoot-'em-up fans."

ROBIN

### CRITICISM

"Exolon is a very good, very playable, very addictive game. The graphics are terrific - the backgrounds and gun emplacements are very pretty. And the aliens are a real pain in the backside as they wander around the screen, killing you off at every opportunity. Overall Exolon is a highly competent space shoot-'em-up - go out and buy it."

MARK

### CRITICISM

"Hey! Exolon is a really good game! The graphics are superb, with excellent use of colour, and there's so much to do that it's sure to last for ages. The high-score table is big, one of the largest I've seen, and the graphics are nice and bright. The different guns, the teleports and bits of scenery that have to be shifted are all portrayed very prettily, and require different tactics; my personal favourite is the gun that fires on two levels at the same time. Brilliant!"

MIKE

### COMMENTS

**Control keys:** definable  
**Joystick:** Kempston, Interface 2

**Use of colour:** excellent, on option screens as well as the game itself

**Graphics:** big, colourful and smooth

**Sound:** great tune and splendid FX on the 128, otherwise limited

**Skill levels:** one

**Screens:** 125

**General rating:** a well-presented traditional shoot-'em-up with plenty to do and look at - and a chance of bonus points at the end of the 128 version

Presentation	90%
Graphics	91%
Playability	91%
Addictive qualities	92%
Overall	90%

## Reviews

### SPACED OUT

Producer: Firebird (Silver)

Retail Price: £1.99

Authors: John Gibson, Steven Cain

In deep space time hangs heavy for the robo boys tending their herds of Cybernetically Operated Wagons (COWS). But their dull existence is enlivened by space creatures that attempt to upset their progress through a rectangular space zone.

You have control of a robo boy, who can only move in straight, unobstructed lines; the object is to progress from the bottom left of the playing area to the top right. The amount you can move is decided by the roll of two dice, giving vertical and horizontal components. (Diagonal moves are impossible.)

After the first moves have been made, aliens emerge from the top right-hand corner and take up random positions. (You can choose how many aliens there are, within limits.) If you move onto a square occupied by an alien you space them out, but incur penalty points - and after you've made your move, the aliens reposition themselves. If they box you in, you are spaced out and suffer more penalty points.

And you have just one minute to complete each turn. The slower you are the more penalty points you earn, and if your penalty score grows larger than your handicap score the game is lost.

### CRITICISM

"Bleugh! Spaced Out isn't much fun. The graphics are tiny and far from attractive, and I didn't find a scrap of entertaining material. This game isn't even worth £1.99 - incredible, considering its two authors are ex-Denton Designs."

MIKE

"When I first saw this game, I thought 'what the £%&'s going on here?'. Spaced Out is a weird strategy-type board game, and it takes a few plays to understand what's going on. The graphics on the gaming board are very basic, with fat, wobbling sprites chasing each other around the grid, though the backdrop and icon-choice panel are very pretty. But though it doesn't hold the interest for long, Spaced Out is quite playable."

MARK

"This is easily the most original game I've seen in the last few issues. The concept is very strange, but fiendishly simple. It's reasonably presented, with a delightful background - though sadly there's only one. The main graphics of the play area are unimpressive and very small, but the animation is good. You can rely on Firebird to come out with something original once in a while."

PAUL

### COMMENTS

**Control keys:** definable

**Joystick:** Kempston, Interface II

**Use of colour:** good back-

**Graphics:** characters so small they're worthless

**Sound:** bleeps and blips

**Skill levels:** player can choose size of playing area and number of aliens

**Screens:** one playing area of variable size

**General rating:** an original concept which doesn't work

Presentation	48%
Graphics	37%
Playability	37%
Addictive qualities	32%
Overall	38%

► Herding cows on a draughtboard in space is the name of the game, but is the name of the game derived from the old hippie phrase for being 'stoned' or a pun on the older game Space Doubt?





## MUTANTS

Producer: Ocean  
Retail Price: £7.95  
Author: Choice Software

From the turmoil of interstellar war springs a splinter group which plans to destroy the ultimate weapon system – Macrogenetic Mutoids, known as Mutants.

### MIKE

"Though I managed to score 70 billion points in Mutants without any effort at all, literally (see future PLAYING TIPS...), the game has no addictivity at all! The graphics are nice, and the smooth ship movement is excellent, but 'there's no point having pretty graphics if the game is naff', as the old saying runs. Ocean obviously hasn't got a copy of Lloyd's Ludovian Proverbs. Not recommended."



The Mutants are contained in 15 test zones, which can be destroyed if the self-destruct components in each zone are collected and assembled in the 16th, the control zone. (When that's done you go on to the next level.)

You teleport to a test pen in *Rainbow Warrior*, a small one-man patrol ship. Each pen is surrounded by an energised surround which can destroy ships, and guarded by Mutants which

### ROBIN

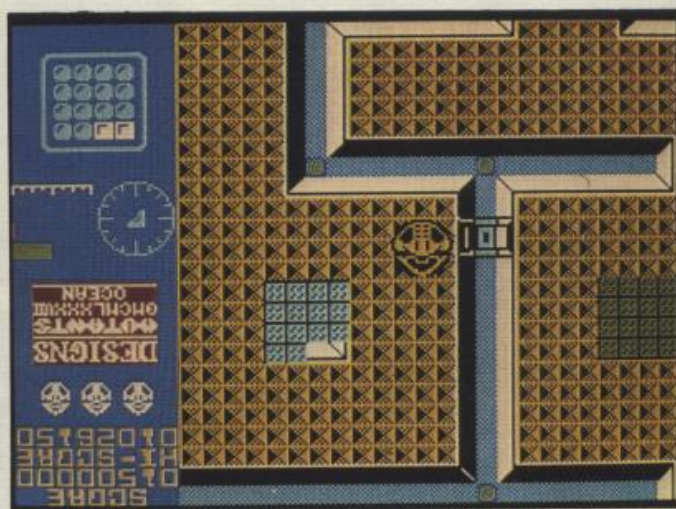
"The use of an icon system sets the scene for what promises to be a sophisticated game – especially as it's from a Denton Designs concept. The loading screen is very good and overall presentation is up to the Ocean standard; the graphics are striking and colourful. But the use of biological terms to describe each Mutant (a bit pointless, except to high-level biology students) and a rough icon-selection system seem to be hiding the fact the Mutants is basically a shoot-'em-up with a few extras chucked in. As shoot-'em-ups go it's playable but not compelling, and though it's a nice-looking game it's sadly lacking in gameplay."

can destroy one of the ship's three lives.

The Mutants can be taken out using the ship's three weapons systems – slow but big blasting missiles, rapid-fire low-level

photon torpedoes, and barriers that provide a temporary shield. Only one system can be used at a time.

Components of the self-destruct device must be picked up and carried by teleporter out of the test zone and into the control zone. There you must find a way through its deadly walled corridors to the



► One of the game screens in *Mutants* – you're into the galactic dump where you deposit collected objects

### MARK

"My first reaction to Mutants was positive, but after a while I started to realise that for all its pretty graphics and icon-selections it's just a basic shoot-'em-up with a difficult control system. The graphics are good, clear and well-defined, especially on the icon choice/launch screen, but sound consists of deafening silence (save for the inevitable blasting effects). Mutants is a good game let down by limited and repetitive gameplay."

assembly point, where components can be deposited, the mechanism constructed and the universe saved as usual.

FACT: the Greenpeace environmentalists' ship sunk in New Zealand by French agents in 1985 was the... *Rainbow Warrior*. Shome coishidenshe shurely?

### COMMENTS

**Control keys:** redefinable and preset (Q/A up/down, O/P left/right, SPACE to fire)  
**Joystick:** Kempston, Interface II

**Use of colour:** well used throughout

**Graphics:** very attractive

**Sound:** little except for a few sparse spot FX

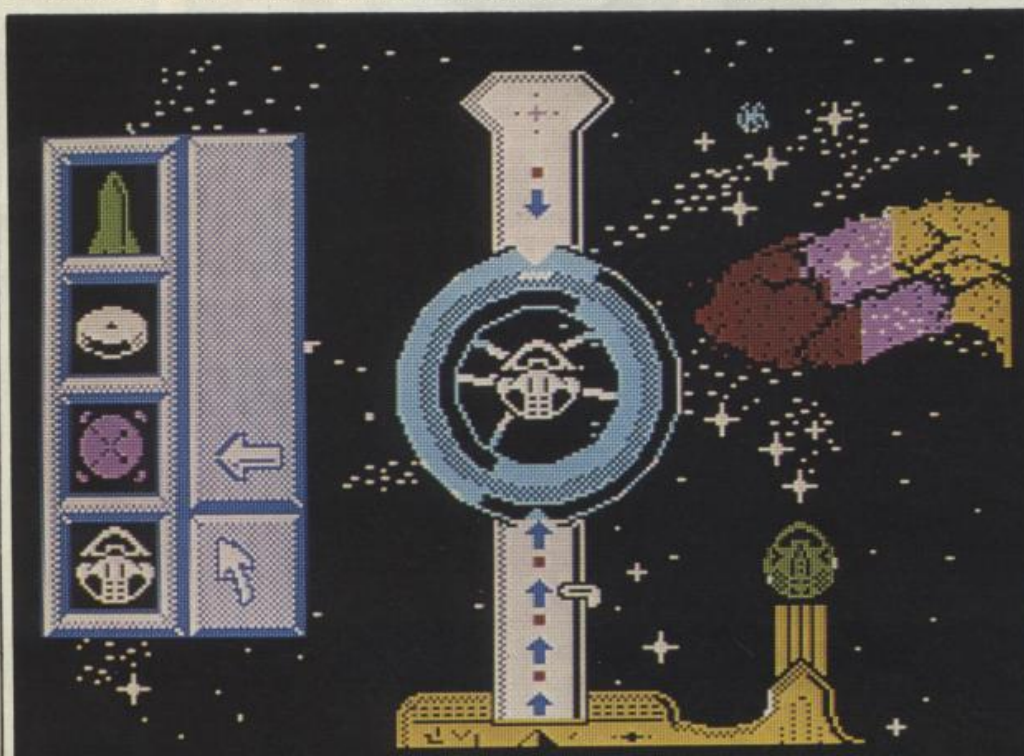
**Skill levels:** one

**Screens:** constantly scrolling

**General rating:** Initially interesting but offers little long-term challenge

Presentation	76%
Graphics	79%
Playability	60%
Addictive qualities	54%
Overall	58%

► The attractive main option screen from *Mutants*; from the icons you select fire power (top three) and start play (lower icon)





# 21st CENTURY WARRIOR: Apache **GUNSHIP**



ALSO  
AVAILABLE  
ON SPECTRUM  
AND  
AMSTRAD  
CPC

The Apache... Fierce and elusive, like its warrior namesake... Capable of defeating enemy tanks, infantry, and hostile aircraft on the modern electronic battlefield.

Gunship's revolutionary 3-D graphics enable you, the pilot, to fly into the world's hottest trouble spots... You'll use an unbelievable array of high tech information and weapon systems, including lasers, video cameras, night viewers, radar warnings, jammers, computers, missiles, rockets, flares and a 30mm cannon! Successful missions will be rewarded with medals and rank promotions.

Experience the danger and excitement of attack helicopter action... your latest adventure in the ever-growing line of MicroProse Simulation Software.

See your software dealer today and become a part of the GUNSHIP adventure! Challenge the enemy, the sky, and YOURSELF with this extraordinary simulation.

GUNSHIP for Commodore 64/128. Cassette £14.95, Disk £19.95.

**MICRO PROSE**  
SIMULATION • SOFTWARE



## TRIO

Producer: Elite  
Retail Price: £9.95  
Authors: Various

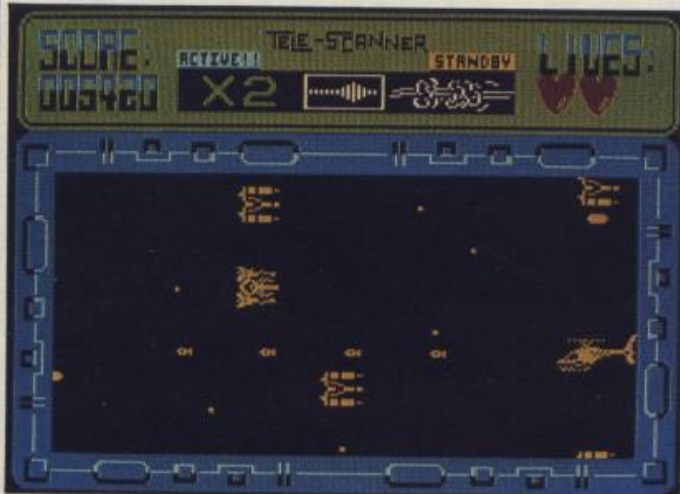
**C**ompilations have been burgeoning recently, but Elite's *Trio* is different. All three games on this compilation are new.

First off there's the follow-up to Elite's successful TV licence *Airwolf*, not unsurprisingly titled *Airwolf II*. This sequel departs dramatically from reality as Stringfellow Hawke and his magnificent all-singing, all-dancing helicopter are sent to destroy a terrifying alien craft.

### NICK

"*Airwolf II* is a real good shoot-'em-up, with all the playability of the original *Airwolf* and a lot of new features to keep you addicted. The sprites are well-defined and colour is used quite effectively. It's a fine follow-up to a brilliant game. But look out, world – Great Gurianos is another violent game! It seems all you have to do is pierce as much flesh as you can. The graphics and colour are quite effective, but the addictiveness is almost nil, and this game will only appeal to the swordfight addicts. 3DC is more than JUST ANOTHER 3-D game – it's good. The scenario is fairly simple, but the special effects make this game worth a look; and there's a good tune at the beginning and a neat use of colour on the last screen. *Trio* is a really worthwhile compilation."

► The scientists safely rescued, everyone's favourite chopper takes to the air again, this time in pursuit of troublesome aliens



### BEN

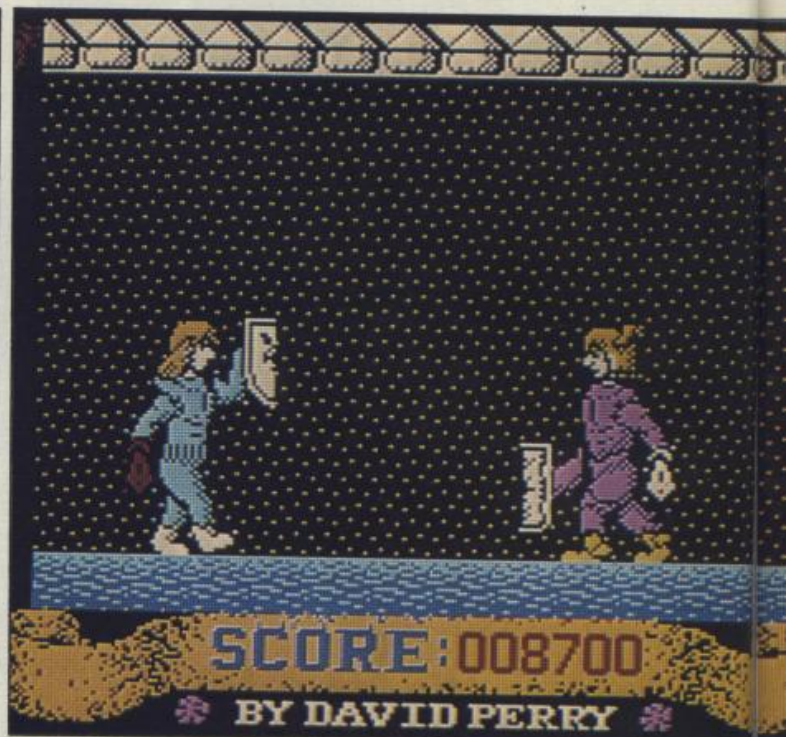
"Basically a shoot-'em-up, *Airwolf II* follows in the flight path of *Transmuter* and *Nemesis*: flying through space (helicopters in space?) and blowing away as many blowawayable things as possible. It's trashable once you've had a couple of long goes. As for *Great Gurianos*, well, coin-op conversions are all well and good if the machines they're licensed from are okay. But *Great Gurianos* isn't. The conversion is full of flickery graphics and annoyingly erratic gameplay – killing or being killed has more to do with luck than skill. It may appeal to some, but I'd give it a miss. 3DC is a horribly corny title for an aquatic forced-perspective game, but it's not bad in the 'collect the bits to make something useful' style. The gameplay, ace effects and pretty graphics make this the best game of the package."

The chopper can move in any direction within the two-dimensional onscreen space zone. Bulbous beasties, fighter craft, and space constructions with gun emplacements must be negotiated – and if you touch any you lose a life.

The helicopter is armed with a blaster, and *Airwolf*'s fire power can be augmented by collecting rotating objects which spin across the screen.

In the second game, 3DC, you're stranded on a wet, effluent-covered sea bed, and it's no fun unless you like that kind of thing. But escape from this traditionally isometric 3-D watery world is possible – if you can assemble the scattered sections of a submarine. Items found on the sea bed, such as a book and a key, can help you.

There are dangers. You have only three tanks of oxygen, and a



► Attractive but a bit ineffectual, *Great Gurianos* is the least successful of *Trio*'s three games

molesting octopus might steal one, though his light-tentacled kleptomania can be curbed if you've got the right object. And subaqua activity increases the amount of dangerous nitrogen in your body...

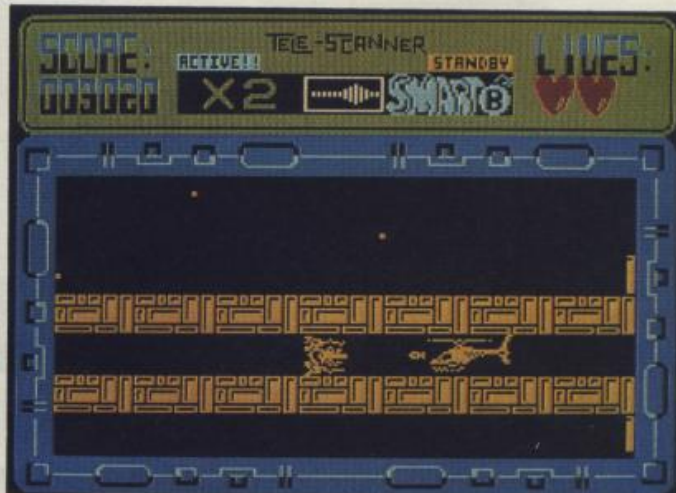
But there's always Eric the eel, who can be controlled and

squirms his slimy flanks into places too small for your bulk.

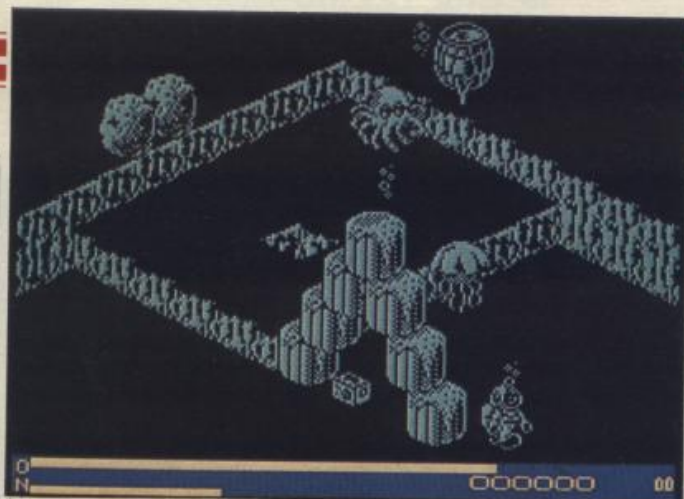
Third of the trio is *Great Gurianos*. Armed with a sword and shield and clad in a made-to-measure suit from Burton's Armoury Dept, the great Gurianos embarks upon his most dangerous mission.

### MIKE

"*Airwolf II* was a disappointment; I enjoyed the first *Airwolf*, but I was bored with the sequel in ten minutes. Even on a compilation, that's not long enough. *Great Gurianos* (daft name) appeared to be a bit better, but after a few minutes its appeal waned, too. All rested on 3DC. And whaddya know, it's quite good! The end-of-game screen is absolutely brilliant: they've blurred the background and pushed the little processor to the outer limits of speed to produce one of the most effective colour displays I've seen. Though *Trio* isn't inspiring, three games at this price means excellent value for money."







► Stranded on a wet, effluent-covered 3-D seabed is no fun unless you can put together the hidden submarine parts and escape



As he progresses through a medieval-style flick-screen world, Gurianos encounters hostile warriors out to spill his superior blood. He can temporarily activate a protector shield that guards against flying objects, but sadly this is a once-in-a-lifetime experience.

A series of swords also directs its scything attentions toward our hero, who must use his own sword

to deflect the sharp points. And after dealing with four pieces of lethal cutlery, Gurianos develops a red supersword which gives him invincibility in combat. Swiping an airborne ball gives Gurianos extra armour for his adventure, too.

## COMMENTS

**Control keys:** all games definable

**Joystick:** Kempston, Interface 2

**Use of colour:** *Airwolf II* uses one colour and black, *3DC* largely monochromatic but clever on last screen, *Great Gurianos* is pretty

**Graphics:** small and rather simple on *Airwolf II*, well designed isometric perspective on *3DC*, large and detailed on *Great Gurianos*

**Sound:** varies between games, but some neat tunes and more useful than colourful FX

**Skill levels:** one

**General rating:** each game in itself is above average, with *3DC* coming out top, but the whole package represents good value and hours of playing time

### AIRWOLF II

Presentation	67%
Graphics	62%
Playability	64%
Addictive qualities	53%
Overall	61%

### 3DC

Presentation	75%
Graphics	76%
Playability	73%
Addictive qualities	70%
Overall	74%

### GREAT GURIANOS

Presentation	62%
Graphics	66%
Playability	54%
Addictive qualities	47%
Overall	53%

**COMPILATION OVERALL**  
70%

# GALLETRON

Producer: **Bulldog**

Retail Price: **£1.99**

Author: **Steve Elward**

Intent upon destroying the peace of the beautiful planet Galletron, the warlike Aarls have developed an advanced communications system. It could help them win – but it's also their weak link. It must be destroyed.

With your skimmer you can take out communication links on the surface of planets. But there are sentries on each planet – their contact is lethal and destroys one of the skimmer's three lives.

To defend itself and destroy sentries, the craft has two blasters: one destroys all metallic structures, the other disrupts enemy weaponry. But the blasters drain the skimmer's limited fuel supplies, which must be replenished from fuel cells on the planet's surface.

When all the communication stations on a planet have been destroyed, the skimmer is automatically teleported to the next world. After visiting the last planet, you reach Galletron itself and the central Power House. When this complex has been dealt with, your mission is complete.

from screen to screen, and the opening tune is awful."

ROBIN

● "Galletron is described as 'challenging and addictive', but it bored me within half an hour. The graphics are awful, small and crudely-drawn, and there's a nasty glitch when your craft is destroyed. Control is fiddly and frustrating. Galletron is alright for a couple of games, but I doubt its lastability."

MARK

● "After ploughing through the inspired inlay, I wasn't expecting such rubbish as this, with its boring colours and unimaginative graphics. And the gameplay is much too easy to offer any real challenge."

PAUL

## COMMENTS

**Control keys:** definable

**Joysticks:** Sinclair, Cursor

**Use of colour:** monochromatic

**Graphics:** small and plain

**Sound:** limited spot FX and a boring title tune

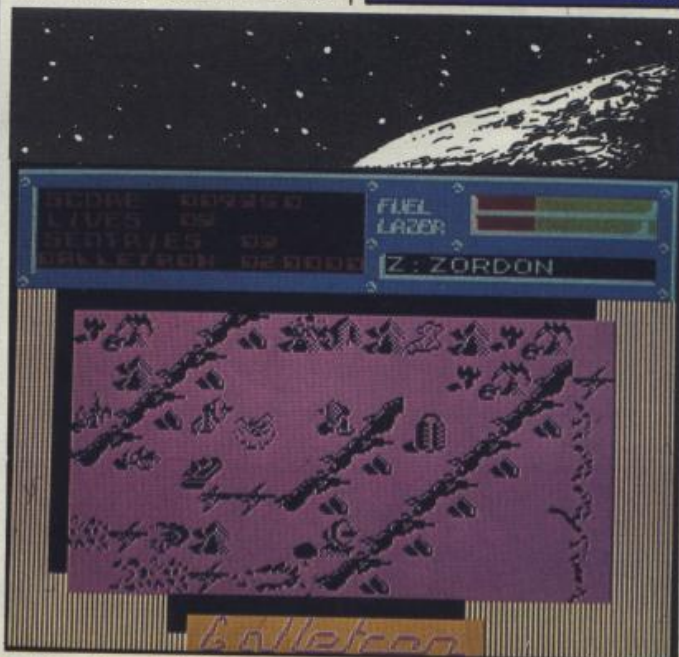
**Skill levels:** three

**General rating:** a dull game without much challenge

## CRITICISM

● "Galletron is very easy to get into – because there's so little to do. The graphics are small and crude, and the animation is simplistic. Details are poor, too: the collision-detection varies

Presentation	33%
Graphics	30%
Playability	30%
Addictive qualities	24%
Overall	29%



► Your skimmer, in the left half of the screen, has just blown up a communications beam in its bid to reach the Central Power House



## SLAP FIGHT

Producer: **Imagine**  
Retail Price: **£7.95**  
Author: **Probe Software**

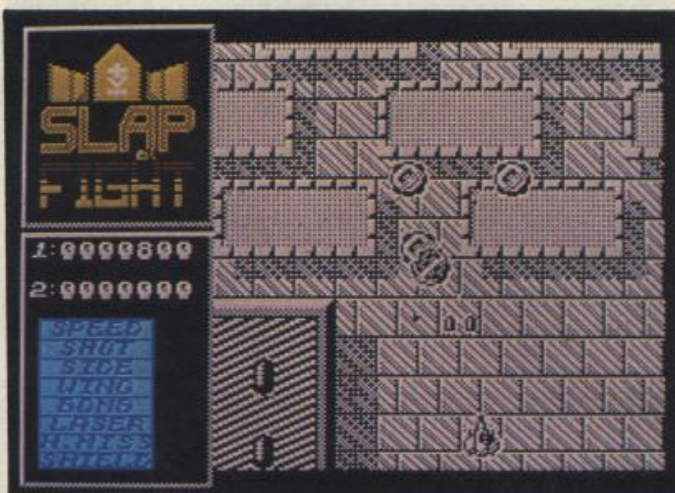
**P**assing over Orac in the Slapfighter, a multidirectional starcraft, you are attacked by aliens. Their weapons home in on the Slapfighter, so constant movement above the vertically scrolling surface of the planet is essential if you're not to become easy meat. (The spacecraft has four lives.)

For protection the fighter carries a forward-aiming blaster, and more weapons can be added by flying over the stars revealed when certain aliens are destroyed.

Other advantages – extra speed, side fire, bombs, homing missiles, a temporarily protective shield, and a wing unit that

### RICKY

"For all its colour and effects the coin-op Slap Fight didn't excite me, but the Spectrum version seems better – though still nothing miraculous. Frustration can kill off enjoyment, because the bullets are difficult to detect (because of monochromatic graphics) and death may arrive at any moment. But if you can handle that, Slap Fight is addictive and should appeal to fans of the arcade game. And it has beautifully defined graphics with smooth scrolling, though the sound is weak – even on a 128K."



improves fire power but increases the craft's size and vulnerability – can also be picked up.

Destroying the aliens and their works earns points, as astute readers might have predicted.

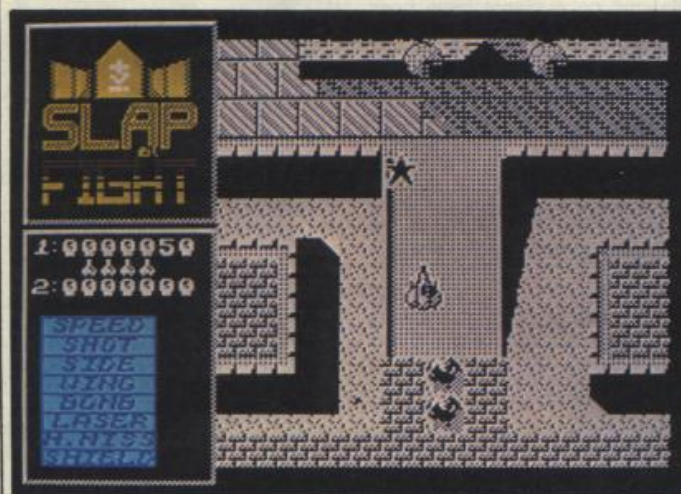
► Look out – attack comes suddenly in Imagine's *Slap Fight*. That's your trusty Slapfighter at the bottom of the screen.

### PAUL

"There's only one fault I could find with Slap Fight: you can't see the pesky bullets. The shading on the intricately detailed landscape is superb, and with the super-smooth scrolling makes a very attractive game. The playability is improved by extremely accurate collision-detection and the chance to control your ship at your own speed. The weapons are fun and the aliens move beautifully in excellent formations – Slap Fight is certainly one of this month's most addictive blast-up games."

▼ David meets Goliath in *Slap Fight*

▼ Picking up a star gives you ... no, not a place in the gossip papers, but extra speed in *Slap Fight*



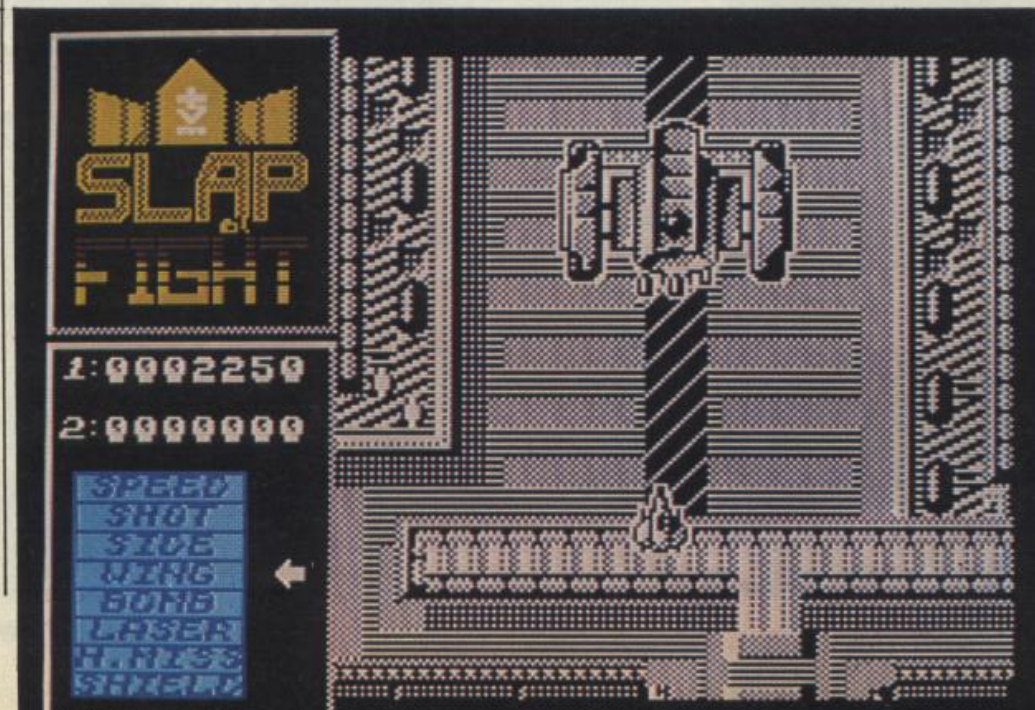
### MIKE

"Slap Fight is an extremely dubious shoot-'em-up. It looks like Probe Software used the same code for the scroll and the score line as they did for Xevious – but like that US Gold game, this has poor graphics. Slap Fight becomes frustrating because the enemy missiles are so difficult to see – it's very easy to die with no idea how it happened! Incidentally, if you choose SPACE as the fire key you can't choose another select key, which means every time you fire the computer selects the current option. Annoying. Slap Fight is a disappointment, but fans of the Spectrum Xevious conversion might find it reasonable."

### COMMENTS

**Control keys:** definable  
**Joysticks:** Kempston, Sinclair, Cursor  
**Use of colour:** sparse  
**Graphics:** reasonable, but the attacking missiles are nearly invisible  
**Sound:** uninteresting spot FX  
**Skill levels:** one  
**Screens:** continuously scrolling landscape  
**General rating:** above-average, standard shoot-'em-up

Presentation	66%
Graphics	78%
Playability	74%
Addictive qualities	70%
Overall	72%





# THE ARMAGEDDON MAN



The year is 2032 AD and the world is balanced on a knife edge between survival and destruction. The last thirty years have seen an enormous expansion of the world's nuclear arsenal. There are now 16 nuclear superpower nations, each with the capacity to trigger the final destruction of mankind – Armageddon!

In a world where trust is crippled by 'Uncertainty of Response' the 16 superpowers form a desperate alliance – the UNN (United Nuclear Nations).

Together they finance and build an enormous network of spy and laser defence satellites capable of monitoring, influencing and even directly controlling the political, economic and military events of the world.

Control of the network itself resides in an enormous and sophisticated satellite, codenamed Olympus – and control of Olympus resides in its Supreme Commander often called 'The Armageddon Man' who literally holds the fate of the world in his hands.

In this incredible new game scenario YOU have just been chosen to become the next 'Armageddon Man'. Whether you have the necessary diplomatic, military and tactical skills to avoid global devastation is something you, and the World, are just about to find out.

*Each game comes complete with a comprehensive instruction booklet, a colour vinyl map of the World 2032 Edition (25" x 16") and two sheets of vinyl re-usable flags to help plot the course of world events.*

Spectrum 48/128 Cassette £12.95  
Amstrad CPC Cassette £12.95 Disc £19.95  
Commodore 64/128 Cassette £12.95 Disc £14.95

Available from all leading software retailers or order today by mail. Prices include postage and packing plus VAT.

## martech

Martech is the registered trade mark of Martech Games Limited,  
Martech House, Bay Terrace, Pevensey Bay, East Sussex BN24 6EE  
TRADE ENQUIRIES WELCOME. PHONE (0323) 768456 TELEX: 878373 Martec G



## FLASH GORDON

Producer: **M.A.D.**  
Retail Price: **£2.99**

**T**he tyrannical Ming is intent upon destroying Earth. To save humanity he must be killed, and Flash Gordon is the man for the job.

Deposited in a dangerous jungle world pierced by pathways, Flash has 24 hours to complete his mission. Along the winding tree-lined routes he runs, jumps, and ducks to avoid poisonous spiders, rock-throwing gorillas and spear-throwing skeletons. Should Flash fall foul of the fangs in the foliage, he loses valuable time.

A map onscreen shows the jungle with identifiable features such as lakes, mountains, and a river. Arrows along the paths point toward the Caves Of Barin, where Flash can find invaluable help.

For protection Flash carries a gun, and can collect extra ammunition from scattered pathside chests. Some dangers need to be blasted several times before they're destroyed – but not all the advancing beasts in this flick-screen world need be shot. Some can be avoided with a bit of dexterous ducking and diving.

Once Flash has forced his way through the jungle's thickness, he meets Barin, owner of the cave, in combat, and uses a combination of his violent skills – fly kicks and punches to head and body. He has

four minutes to win.

Should Barin succumb to Flash's violent charms, Flash becomes a biker with a powerful machine. Dismissing wardens and traffic cops, he vrooooooooooms off in search of Ming. But his progress is hindered by flying guards, who must be overcome using the bike's aimable blaster before Flash can reach maximum speed.

Exacerbation awaits: robot guards dropping explosive devices and, beyond them, a minefield. Both deplete Flash's energy levels, which can be restored if Flash passes through power gates (their direction is indicated at the top of the bike's control panel).

Beyond these perils is the jet-biking Ming. The missile system on Flash's bike can take out this personification of evil, once he's within range. But any inaccuracy or delay provides Ming with the opportunity to attack in a particularly efficient manner...

### CRITICISM

● "Flash, I love you, but you only have 24 hours to save the earth," Flash Gordon's sweetheart once said. I doubt he'd bother trying if it meant having to play this difficult and ultimately boring game. The



► With the business above and the map below, fast-action man Flash on the right faces a death-dealing denizen of the jungles

graphics are small, and though they're quite well-defined they appear somehow cluttered, especially on the opening jungle scene. Flash himself looks rather like a deep-sea diver – and, come to think of it, moves rather like one as well. You may get some enjoyment out of Flash Gordon if you like this type of game, but I doubt it.

MARK

● "I'm surprised it's taken this long for a Flash Gordon game to appear – and I was expecting something a bit better than this. The graphics are poor, and Flash doesn't really live up to his superhero image. Sound is limited to the occasional spot effect and a repetitive title tune. And the gameplay itself is bland, with little action. Flash Gordon is quite easy to get into but proves unaddictive

## RUBICON

Producer: **Bug Byte**  
Retail Price: **£2.99**

**R**ubicon's leaders have left their palatial underground environment – and their treasures. One day they will return, but in the meantime you can engage in a little plundering in the halls and passages of Rubicon.

These are patrolled by harmful floor-sliters and airborne minifighters, and deadly darts which kill immediately. To conserve your three lives, you must jump and duck to avoid the approaching mechanical executioners. You can also acquire helpful objects.

Making your way through the corridors and antigrav entries of Rubicon's first level, you discover a control room with an overhead display of multicoloured symbols. Once you've mastered its mysteries, you can reach higher levels of Rubicon.

But don't forget there's a time limit on your scavenging...

### CRITICISM

● "Rubicon is very colourful, and the graphics are big and smooth-moving though not particularly interesting. But the gameplay is boring and repetitive – it's mostly running around a maze. It takes a while to get used to the controls, and there's no real incentive to learn. There's a distinct lack of things to do in Rubicon – I can't think of any redeeming features other than the colourful graphics."

ROBIN

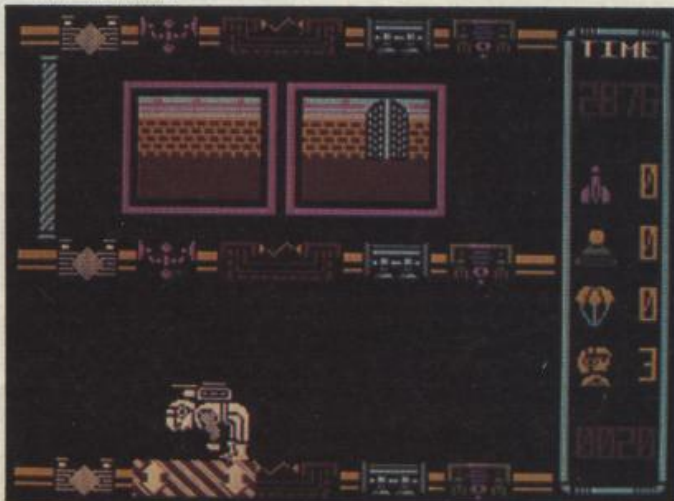
● "My first reaction to Rubicon was negative – and it hasn't changed much. The graphics are okay, and the backgrounds are very colourful, though your man in the spacesuit moves like he's walking through treacle. Control is simple, but the game is often slow to react to threats from the missiles and other nasty surprises



that Rubicon's rulers have left for you. Rubicon is a barely average search-and-collect-'em-up."

MARK

► Knees bend, touch your toes – physical jerks can be healthy exercise in the corridors of Rubicon





and uninspiring – it's a shame that such a popular hero is represented by a substandard game." **ROBIN**

● "The graphics in *Flash Gordon* are pretty awful, and the game isn't very interesting either. The first sequence looks just like Mar-  
tech's *Tarzan* game, and *Flash Gordon* is just as boring as that – though it's a fraction of the price. Because of its low playability and addictivity, I wouldn't recommend this except to collectors of *Flash Gordon* memorabilia." **MIKE**

## COMMENTS

**Control keys:** Q/A up/down, O/P left/right, SYMBOL SHIFT for fire  
**Joystick:** Kempston, Cursor, Interface II

**Use of colour:** mainly monochrome with additional colour out of the playing area

**Graphics:** lots of them, but generally poor

**Sound:** average tune, meagre spot FX

**Skill levels:** one

**Screens:** three minigames, each with many screens **General rating:** a mediocre Commodore conversion which doesn't work to the full potential of the licence

Presentation	60%
Graphics	51%
Playability	45%
Addictive qualities	38%
Overall	42%

● "This must be one of the year's most tedious products. There's absolutely no fun in *Rubicon*, and its appearance is very unappealing. The graphics do nothing to enhance the awkward control, and the instructions give no useful information. *Rubicon* – the game to put you to sleep in less than a minute." **PAUL**

## COMMENTS

**Control keys:** Z left, X right, L up, SYMBOL SHIFT down

**Joysticks:** Kempston, Cursor, Sinclair

**Use of colour:** vividly colourful  
**Graphics:** big, but unrealistic animation

**Sound:** spot FX

**Skill levels:** one

**General rating:** awkward control and monotonous gameplay

Presentation	40%
Graphics	47%
Playability	32%
Addictive qualities	24%
Overall	30%

# VOIDRUNNER

Producer: M.A.D.  
Retail Price: £2.99  
Author: Jeff Minter

**T**he Droid Wars are over, but the vengeful losers are intent upon attacking the Homeworld with a retaliatory holocaust. They must be stopped.

You have control of a multidirectional green command craft supported by three drone fighters. At first these adopt a clustered grouping around the command ship, but on higher levels they go into symmetrical formations and move in different patterns.

Each craft has a blaster that can fire independently (and in later space regions they can fire in different directions).

## MARK

"Voidrunner is in the classic blast-'em-up mould. Like most of the Jeff Minter games I've seen, it's fast, colourful, and above all weird. Controlling the ships is easy, but keeping out of the way of the aliens is hard. I wasn't very impressed with the graphics – after playing the 16K Commodore version I felt more could have been done for the Spectrum. But the game isn't bad, and if you want an addictive blast you could do worse than buy this."

## ROBIN

"It's hard to describe Voidrunner's graphics as anything but poor – small, ill-defined clusters of pixels that don't seem to represent anything. And once I got over that shock I found Voidrunner a very poor Centipede variant. The inlay suggests this is a highly innovative shoot-'em-up, but the reality is disappointing. Controlling the four ships is quite easy and the keys are very responsive, so the game is simple to get into and playable for a while, but it's hardly addictive. Centipede games can be fun if you want to wallow in an afternoon's nostalgia, but there are better ones, and I expected a bit more of a game with the brains of Jeff Minter behind it."

Some aliens move predictably and others randomly; some drop bombs and others fire lasers. Some have to be blasted several times before they're destroyed, and then can spawn other aliens. There are 30 waves of attackers, and all aliens within a wave must be destroyed before the next can be tackled.

A periodically pulsing 'zapper' line scans the screen from top to bottom. If the command ship is on the line when it pulses, you and your drone craft are destroyed.

## MIKE

"At first sight Voidrunner looks very drab. But playing it converted me! The speed is just right: verging on the impossible, but fast enough to encourage you to keep going. My only gripe with the gameplay is my index finger, which took quite a battering after the first level. I was a bit disappointed by the second stage, which is basically a reversal of the first; but it's no cop-out, as the reversal calls for entirely different playing techniques. This is the first of the cult Minter games I've played, and I'm waiting for more..."

## COMMENTS

**Control keys:** Q/A up/down O/P left/right, SPACE for fire  
**Joystick:** Kempston, Cursor, Interface II

**Use of colour:** lots of it

**Graphics:** simple and plain

**Sound:** little

**Skill levels:** one

**Screens:** plenty to hold your interest

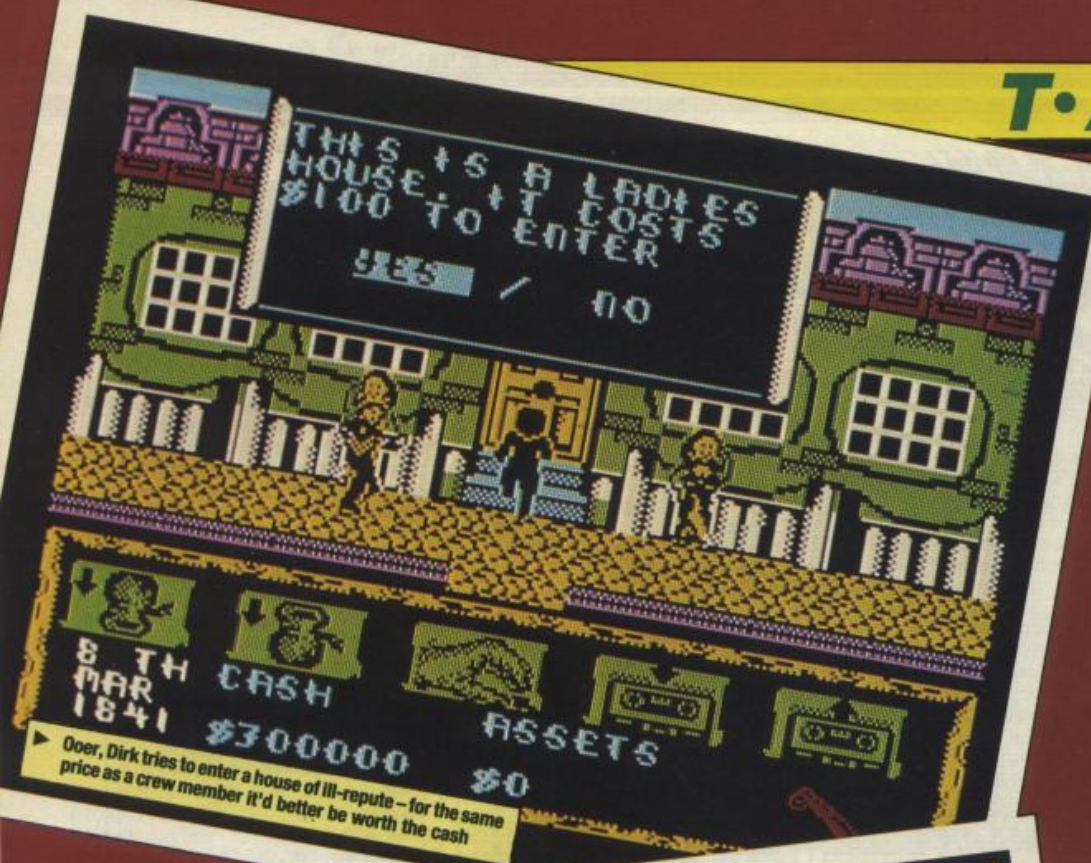
**General rating:** mixed opinions but generally considered above average – Minter freaks may find it more appealing

Presentation	66%
Graphics	38%
Playability	59%
Addictive qualities	58%
Overall	54%

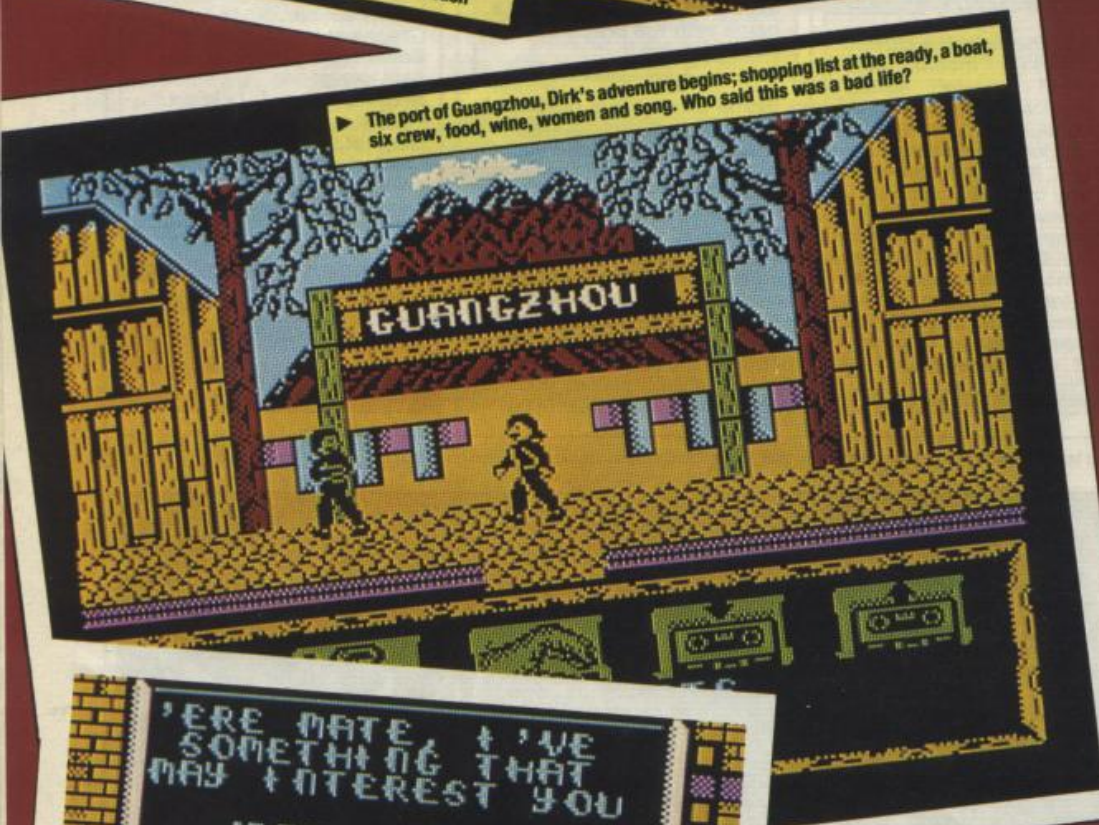
► The look of yesteryear – fast pixels from Jeff Minter make for a classic shoot-'em-up







► Over, Dirk tries to enter a house of ill-repute – for the same price as a crew member it'd better be worth the cash



► The port of Guangzhou, Dirk's adventure begins; shopping list at the ready, a boat, six crew, food, wine, women and song. Who said this was a bad life?



► Dodgy dealings and opium smuggling on the streets of Guangzhou in Ocean's adaptation of James Clavell's *Tai-Pan*.

In the Year Of Our Lord 1841, the eastern seaways are teeming with traders. And in this game based on James Clavell's best-selling novel you are Dirk Struan, a merchant intent upon amassing a fortune as quickly as possible in the streets and seas of the Orient.

As in any trading game, a financial stake is required; in *Tai-Pan* it's to be found in the local town of Canton – a loan of \$300,000, repayable in six months on pain of death. The sum is sufficient for some of your needs, but not all. For instance, you need a ship, and the three up for sale are a lorch (a lightly armed, fast smuggling ship) at \$150,000, a standard trading clipper with more cannon and crew for \$250,000, and a heavily armed frigate which at \$400,000 is out of your range – at first.

The stew of the East offer delights, dangers, deals and manpower. Once purchased a vessel must be crewed, either with mercenary sea dogs or with infinitely cheaper press-ganged labour. The jobcentres for the latter are inns, where only the most exhausted and drunken seafarers are incapable of resisting their unceremonious enlistment.

## CRITICISM

"This is one of the best trader games around, and very good by any standards. The graphics are colourful, and the sound on the 128 version is very impressive. With such a variety of things to do (trading, killing pirates etc) and a huge playing area it can keep the player enthralled for hours. *Tai-Pan* is one of the most enjoyable games to come out this year – buy it and you won't regret it!"

ROBIN

With a full complement of crew (some ships need more sailors than others), the vessel can be loaded with such valuable objects as maps, compass, telescope and sextant, foodstuffs and trading goods bought from warehouses and suppliers.

During these consumer expeditions, you may find gambling dens where you can bet on a race between mythical beasts, substantially plumping your wallet or giving it anorexia. Other urban delights include a brothel and inn that can delight – and leave you tired, drunk and susceptible to press-ganging.

Producer: Ocean  
Retail Price: £7.95  
Memory: 128K version  
Authors: Sentient Software



In town, smugglers may accost you and try to sell you highly dangerous contraband, which is very profitable when traded between ports – but carries the risk of gaol.

With purchased items stored in your ship's limited cargo space, you choose a shipping route and set sail for distant ports. Weather conditions, wind direction and pirate ships can jeopardise any voyage, but a careful choice of route can diminish such problems.

## CRITICISM

"The long wait has been worth it. It's obvious from the first game of Tai-Pan that months of work have gone into making this one of the best trading games around. It's not just because of the attractive and cleverly-designed graphics, but also because it's so tremendously addictive and playable. The only bad point is the complexity of this Oriental wonder! The screens at all the ports are exactly the same, though laid out differently – even so it takes ages for boredom to set in. It's all highly original and the realism is unbelievable; you'll have to play it to find out."

PAUL

As you put to sea, the street scenes are replaced by a bird's-eye view of ocean and land. Beneath this geographic scene are seven icons which raise and lower the ship's sails, assess the wind direction, provide a telescope, offer a combat mode, unfurl a map of the China Seas and feed the crew – important, because otherwise they might mutiny from hunger or succumb to scurvy, the sailor's disease caused by lack of vitamin C.

With a powerful frigate, you can turn privateer and plunder other craft. If hit by cannonballs a ship is disabled and can be boarded by sailing alongside and killing its Captain.

But fierce resistance can be expected, and you might have to retreat to your vessel. If too many of your crew are killed in battle, your own ship becomes unsailable. (Likewise, don't kill too many enemy sailors – you'll need them to sail the captured ship.) And fighting reduces your men's

## CRITICISM

"Whereas most licensed novels require some knowledge of the story line, Tai-Pan is an excellent game in itself – and the Oriental scene adds dramatically to the atmosphere. The objective may seem difficult, but the icons and simple question/answer options are a great help and I was soon engrossed. Tai-Pan isn't easy – it requires dedicated mapping and note-keeping. But there's a lot to keep the player occupied: a gambling game, a fast-reaction shoot-'em-up (boarding) and a pseudoGauntlet game. Add to those the astounding street-scene graphics and Oriental electro-bop tune, and you've got one of the most enthralling arcade adventures of the year."

RICKY

stamina, already eaten away by hunger.

Careful cannon fire ensures that the captured vessel and its cargo remain intact and seaworthy and will fetch a high price in port. But other privateers may attempt to take your captured ships and end your quest for fortune.

As you build up your fleet, a great trading empire can be founded, generating enough wealth to repay your debt and leave you a colonial master of the Orient.

## COMMENTS

**Control keys:** Q up, Z down, I left, P right, N fire, SPACE toggle icon

**Joysticks:** Cursor, Kempston, Sinclair

**Use of colour:** very good  
**Graphics:** range from simple to detailed and decorative

**Sound:** a good tune but potentially annoying

**Skill levels:** one  
**General rating:** an enthralling trade-'em-up adventure with depth and atmosphere

<b>Presentation</b>	89%
<b>Graphics</b>	93%
<b>Playability</b>	90%
<b>Addictive qualities</b>	94%
<b>Overall</b>	93%

# PNEUMATIC HAMMERS

Producer: Firebird Silver

Retail Price: £1.99

Author: Andromeda Software

## CRITICISM

"Pneumatic Hammers is one heavy-going game. What little there is to do is repetitive and boring, and the graphics do little to enhance the game – none of them are very convincing and all are crudely drawn."

PAUL

"What a weird little game! Pneumatic Hammers is the most uninteresting, unplayable game I've seen lately. The graphics would have been passable three years ago, but by today's standards they're pathetic."

NICK

"Pneumatic Hammers is well original – but it's a failure. The gameplay is very limited, with only one major task, and gets monotonous and infuriating. The graphics are bad, the screen display looks amateurish, and there are some nasty attribute problems and badly-animated characters."

BEN

## COMMENTS

**Control keys:** Z left, X right, K up, M down, L jump

**Use of colour:** lots

**Graphics:** primitive

**Sound:** appalling spot Fect

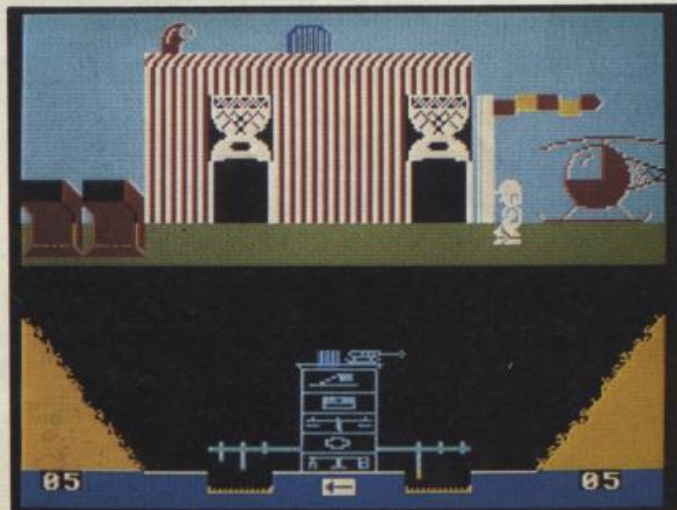
**Skill levels:** definable

**Screens:** eight

**General rating:** no interest at all

<b>Presentation</b>	29%
<b>Graphics</b>	23%
<b>Playability</b>	13%
<b>Addictive qualities</b>	14%
<b>Overall</b>	18%

► Going up! Ground floor; helicopters, lifts and pipes. Going down! The goldmine in Firebird's Pneumatic Hammers. Mind the doors...



"URG  
C  
BAM  
BAM



# JAPAN has a word for the



**BASEBALL** It's the most realistic baseball game outside of a ballpark!



**HOGAN'S ALLEY** Use your Zapper light gun to shoot the gangsters.



**CLU CLU LAND** The evil Sea Urchin has hidden the gold in an underground mystery maze.



**27**

Game paks  
now available



**DUCK HUNT** There's a duck in the air! You've only got three shots to bag this duck. And if you miss, even your dog laughs at you in this fast-action Zapper Gun game.



**GYROMITE** You've got to keep R.O.B.'s gyroscope spinning to help a mad scientist de-activate the dynamite in his laboratory in order to play this action-packed game!



**GOLF** Choose your clubs. Control your swings. Select the angle of every shot. It's Nintendo GOLF and there's not a video golf game on par with it anywhere!

For the first time in the UK direct from Japan comes Nintendo, the home entertainment system with genuine arcade-quality graphics. Nintendo make 2 out of 3 of all the world's coin-op arcade machines, so they know what they're doing. And already, in Japan 9½ million homes have a Nintendo home entertainment system.

Now you can enjoy the amazing 52 colour 3-D graphics of Nintendo. (On most home computers, you've been lucky to get 16 colours until now!) Nintendo's superb graphics give the games a convincing true 3-D feel with actual shadows which add depth to the characters.

Already there are 27 Nintendo Game Paks available in the UK and more are being added to the software library all the time. But there's even more to Nintendo than the best games you've ever seen...

## Nintendo Entertainment System

For the first time home entertainment enters a new dimension.

Because when you own a Nintendo entertainment system you also get a buddy to play with, a Robotic Operating Buddy to be exact (or R.O.B. to his friends). He's your partner. Seat him next to you, send him signals from your tv screen and together you can tackle the enemy.

## The Zapper Gun

Never before has there been a video gun of this calibre. The astonishing light sensitive Zapper Gun lets you shoot moving targets with pinpoint accuracy from up to 16 feet! If you think you're a sharp shooter the Zapper Gun will test your skill to the full.

## Nintendo or Super Nintendo, the choice is yours.

Which set do you want? NINTENDO's superb high-quality action costs £99.00\* for control deck, mains transformer, two hand controls, and one free Super Mario Bros Game Pak. DELUX NINTENDO costs £159.99\* for the amazing Zapper Gun, R.O.B., and two free games, Gyromite and Duck Hunt.



# ultimate video game...

# Nintendo<sup>TM</sup>



## Where you can buy Nintendo

Nintendo is available from the stockists featured. If you have any questions or have difficulty obtaining the product, write to HiTech Electronic Services Ltd., Unit 2B, 200 Rickmansworth Road, Watford WD1 7JS. Or 'phone: 09232 41811.

Hamleys  
Jenners  
Toys 'R' US  
Grattans  
Littlewoods Mail Order  
Freemans Mail Order  
Kay's Mail Order

Empire Stores Mail Order  
Gloucester Toy Shop  
Alders Department Stores  
Toy & Hobby  
Argos Superstores  
Telegames  
Computer Magic

Arding & Hobbs  
John Farnon  
Willis Ludlow  
Selfridges  
Telebank

\*Recommended retail price





# 24 HOUR

# COMPUTER REPAIRS

and

## SINCLAIR

QUALITY APPROVED REPAIR CENTRE

## COMPUTER SPARES



### HOW TO GET YOUR SPECTRUM REPAIRED FOR ONLY £19.95

CALL IN AT OUR  
MANCHESTER CITY  
CENTRE BRANCH FOR  
WHILE YOU WAIT  
REPAIRS AND SPARES

SPECTRUM (only)  
KEYBOARD  
REPAIRS £8.95  
THE CHEAPEST  
AROUND

ORDER NOW  
USING ACCESS

THE NO. 1  
REPAIR CENTRE  
IN THE U.K.  
OTHERS  
FOLLOW

WHILE YOU  
WAIT SERVICE  
CALL FOR APPOINTMENT

#### SPECIAL OFFER!

Why not upgrade your ordinary Spectrum into the fantastic DK Tronics typewriter keyboard for only £31.50 including fitting, VAT and return post and packing. Normal recommended retail price £49.95. Replacement printed DK Tronics key sets £7.50 including post & packing.

#### SPECIAL OFFER!

Why not upgrade your 128K Spectrum to a 48K for as little as £17.95 including VAT, post and packing. If you would like us to fit the kit for you just send us £19.95 which is a fully inclusive price to cover all costs including return postage. Full fitting instructions supplied with every kit issue 2 and 3 only.

SAGA LO-PROFILE  
PROFESSIONAL KEYBOARD  
R.R.P. £39.95  
SALE PRICE ONLY £28.50

2X81  
SPARES  
NOW IN  
STOCK

### TEN ★ REPAIR SERVICE

- While you wait service including computer spare parts over the counter
- All computers fully overhauled and fully tested before return
- Fully insured for the return journey
- Fixed low price of £19.95 including post, packing and VAT. (Not a between price of really up to £30.00 which some of our competitors are quoting)
- Discounts for schools and colleges
- Five top games worth £39.00 for you to enjoy and play with every Spectrum repair
- We repair Commodore 64's, Vic 20's, Commodore 16's and Plus 4's
- The most up to date test equipment developed by us to fully test and find all faults within your computer
- Keyboard repairs, Spectrum rubber key boards only £8.95
- 3 month written guarantee on all repairs

**BEST SERVICE - BEST PRICES!**

### ARE YOU ANOTHER CUSTOMER - fed up waiting weeks for your estimate?

Need your computer repaired fast? Then send it now to the Number One Repair Company in the U.K., or call in and see us at our fully equipped 2,500 square foot workshop, with all the latest test equipment available. You are more than welcome. We will repair your computer while you wait and help you with any of your technical problems. Commodore computers repaired for only £35.00. Please note we give you a 100% low fixed price of £19.95 which includes return post and packing, VAT, not a between price like some other Repair Companies offer. We don't ask you to send a cheque in for the maximum amount and shock you with repair bills £30 upwards. Don't forget we are Amstrad approved for quality and speed, don't risk your computer to any other unauthorised repair centre. We don't just repair the fault and send your computer back, we give your computer a:

#### OVERHAUL WITH EVERY REPAIR WE DO:-

We correct colour, sound, keyboard, check the loading and saving chip. Put new feet on the base if required. Check for full memory, check all sockets including ear/mike and replace where needed. All for an inclusive price of £19.95 including VAT, all parts, insurance and post and packing. No hidden extras whatsoever. We don't have to boast too much about our service as we have thousands of customers from all over the world highly delighted with our service. A first class reputation for speed and accuracy. Don't forget, we also now have a Service Branch in Manchester City Centre for while you wait service.

**URGENT NOTICE** Don't be misled by adverts showing 'between prices.' A recent complaint against a Manchester repair firm, Mancomp, was upheld by the Advertising Standards Authority on two counts. 'It had stated BBC repairs between £14 and £45 then charged the customer £85.' Their guarantee policy was misleading as it did not make clear that all repairs were not covered.

EXTENSION  
RIBBON

56 Way  
ribbon cable to  
extend your ports for  
your peripherals  
£10.95  
plus £1.50 p & p

RUBBER MAT  
£6.50  
plus £1.50 p & p

REPLACEMENT  
POWER SUPPLY

Spectrum replacement  
power transformer  
suitable for all makes  
of computer £9.95  
plus £1.50 p & p

KEYBOARD  
MEMBRANES

Spectrum keyboard  
membranes  
£5.50 plus £1.50 p & p  
Spectrum Plus spare  
keyboard membranes  
£12.90 plus £1.50 p & p  
2X 81 membranes  
£5.00 plus £1.50 p & p

ON-OFF SWITCHES  
FOR THE SPECTRUM  
AND SPECTRUM +

ORDER No.  
1067 SPECTRUM  
1067A SPECTRUM+  
£4.95 + 1.50 p & p

COMMODORE  
POWER  
SUPPLY

Commodore  
replacement power  
transformer £29.00  
plus £1.50 p & p

USE ANY  
JOYSTICK WITH  
YOUR SPECTRUM + 2  
SINCLAIR JOYSTICK ADAPTOR FOR  
CONNECTING SPECTRUM + 2  
COMPUTERS TO MOST JOYSTICKS

ORDER No. 1062  
SELECTOR CONNECTOR  
R.R.P. £5.95  
Our Price £3.50  
+ 1.50 p & p



### THE VIDEO VAULT COMPUTER COMPANION

The VideoVault has just released the most up to date and exciting catalogue ever produced, our team of experts have scoured the globe to find you all the latest software and add on's for your computer, all the latest in joystick technology, all the top and tested software titles all at great discounts to you. Anyone can apply now, just send 2x 18p stamps to the Catalogue Dept, at the address below for your free copy. We have all the top branded items available, delivery by return post (our usual standard). All goods carry our guarantee of satisfaction. Never has such a catalogue ever been produced before, including spare parts, ULA, membranes, power supplies - all at discount prices.

STOP PRESS!! BRAND NEW SPECTRUM PLUS COMPUTERS INCLUDING  
POWER SUPPLY, LEADS AND MANUAL JUST £59.95 + £1.50 p & p.

# VideoVault Ltd.

140 High Street West, Glossop, Derbyshire SK13 8HJ  
Tel: 04574-66555/67761 Head office & access orders, queries,  
Manchester 061- 236 0376 while you wait repair centre only.

Copyright VideoVault Ltd No. 786032

WE NOW HAVE FAX: (0) 4574 68946

OPEN 7 DAYS  
A WEEK  
MANCHESTER  
MON-SAT ONLY

POST + PACKING  
CHARGES UK ONLY  
OVERSEAS  
POST + PACKING  
CHARGES PLEASE  
WRITE FOR  
QUOTE

**6 GREAT FREE GAMES**  
NORMAL  
RECOMMENDED  
RETAIL PRICE  
YOURS FREE WITH EVERY  
SPECTRUM REPAIR



## TABLE FOOTBALL

Producer: **Budgie**  
Retail Price: **£1.99**

**T**his sports simulation takes you into the compact world of table football, a game where a football pitch has been squeezed onto a table and then peopled by midget Glen Hoddles and dwarflike Brian Robbons.

The pitch has goals to the left and right. Lined up against each other on a grass-green pitch are two teams of six players. Each team stands in three rows, with three players in midfield and two in attack, and the ultimate line of defence, a goalkeeper.

Players can't be moved individually — they go together as a row. But any player can kick the ball forward or back, or pass to the side. The ball is not blocked by a player unless he attempts to kick it — usually it passes straight through his legs.

Once kicked, the football can bounce off the side and end walls of the table. A ball cannot go out of play, except when a goal is scored. When this happens a message is

displayed, and another of the game's nine footballs appears on the centre spot. A score is kept for both teams in this two-player game.

### CRITICISM

● "Why anyone would be interested in this I don't know — it's poorly represented with bad graphics, and offers hardly any compulsion and pleasure. Table Football is very poor value for money."

MIKE

● "Table football was never one of the most inspiring activities. Now the sticks have been

replaced with keys and the table with a VDU — and whatever fun there was has been left in the pubs and arcades where the concept comes from. Table Football is spoiled by terrible collision-detection, and it's impossible to judge angles properly; hitting the ball can



► A dramatic save in Table Football

send it absolutely anywhere. It's one of the worst sport (?) simulations I've seen in a long long time."

PAUL

● "The graphics don't stop flickering and the colour clash is terrible! On the sound front, there's just a blip now and again when the massive ball hits the side of the table. This ball must be magic because it never stops! After hitting a wall it moves in the opposite direction till it hits another. And the collision-detection is bad — you can score by just hitting the post. Table Football isn't even worth this cheap price."

### COMMENTS

**Control keys:** Player One: CAPS SHIFT left, Z right, 1-up, Q down; Player Two: M left, SYMBOL SHIFT right, O up, 0 (zero) down  
**Use of colour:** reasonable  
**Graphics:** too simple  
**Sound:** spot FX  
**Skill levels:** one  
**Screens:** one  
**General rating:** an original idea — but a very poor and boring simulation, requiring two players

<b>Presentation</b>	<b>32%</b>
<b>Graphics</b>	<b>30%</b>
<b>Playability</b>	<b>20%</b>
<b>Addictive qualities</b>	<b>25%</b>
<b>Overall</b>	<b>28%</b>

## ULTIMA RATIO

Producer: **Firebird Silver**  
Retail Price: **£1.99**  
Authors: **Adam Waring, Tony Warriner**

**U**ltima Ratio hangs threateningly above the earth, an ominously powerful nine-stage battle platform controlled by an alien race. But its inexorable progress earthward can be stop-

ped by your highly manoeuvrable fighter.

This craft can find its way through the intricacies of the platform's superstructure, which contains killer units and direction-reversing devices, multiple pulse guns and shielding.

Your multidirectional ship carries blasters (and limited ammunition) to counter an alien defence squad of fighters, which

flit unpredictably across the squared surface of the platform.

All enemy craft and many of the platform's carbuncular constructions must be destroyed before you can reach the next section of the battle platform.

And your fighter's shielding is weakened and eventually destroyed by alien fire and dangerous ricochets from your own blasting. In this unprotected state the fighter's five lives can be quickly lost. But shielding can be renewed and fuel replenished in rejuvenating zones.

Time screens show the seconds left for each stage as you fight through this vertical flick-screen space world.

unplayable and unrewarding as this? The graphics are poor; the colour is used far too liberally and the characters are unattractive, dull, and unoriginal. Some may buy it purely on impulse at £1.99 — it's them I pity. Ultima Ratio is awful."

MIKE

● "The similarity to Lightforce stops at the colour-masking technique — everything else in Ultima Ratio is inferior. There's a serious lack of decent sound, which would bring the game to life, and it gets boring very quickly — mainly because of the appalling control method. After a long line of very impressive budget games, the Buzby boys have come up with a below-average product."

PAUL

### CRITICISM

● "Ultima Ratio is another shoot-everything game with a colourful backdrop. The graphics are well-defined and colour is used very effectively — every block in the background has its own colour, and there's no clash. And the small monitor screens around the play area, showing how much time you've got left, give that extra boost of panic! This is a real neat shoot-'em-up; I just wonder how on Earth you kill the last alien on zone 01!"

NICK

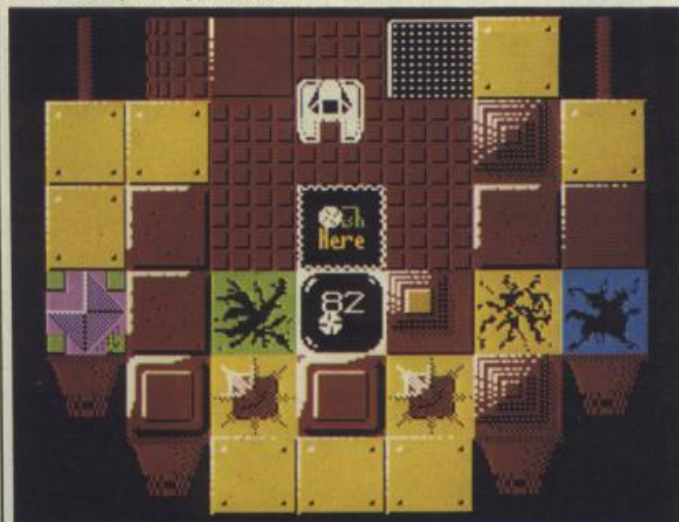
● "How can anyone expect a success from something as

### COMMENTS

**Control keys:** choice of three sets Joysticks: Kempston, Sinclair  
**Use of colour:** reasonable  
**Graphics:** unattractive;  
**Sound:** poor spot FX  
**Skill levels:** one  
**General rating:** an uninteresting shoot-'em-up

<b>Presentation</b>	<b>34%</b>
<b>Graphics</b>	<b>39%</b>
<b>Playability</b>	<b>26%</b>
<b>Addictive qualities</b>	<b>35%</b>
<b>Overall</b>	<b>34%</b>

► Blam, blam, blam. Shoot-'em-up action as your space craft wizzes over the colourful spacescape in Ultima Ratio





## MOUNTIE MICK'S DEATHRIDE

Producer: **Reaktör**  
Retail Price: **£4.99**

**M**ounted Michael is stuck on the same train as a band of desperate gun-toting train robbers, who plan to make off with the railway's gold shipments. To thwart their villainous plans, he must progress along the top of the train.

Mick can jump between carriages – and fall between them, which is fatal. He must also avoid the robbers' gunfire, or lose one of his three lives. And the train robbers have grenades, too.

But a man's gotta do what a man's gotta do, so Mick packs his trusty pistol. He can bop off the baddies by leaping upon them, or giving them a taste of their own grenades.

The train includes flat cars carrying unstable loads, and leaking gas tanks which can snuff out Mick if he's not quick enough to find a

gas mask. Tunnels provide additional hazards for this intrepid Canadian, but with his torch and limited battery power he can battle through their dangerous darkness.

There are nine trains for Mick to traverse, each carrying a team of robbers. (These were lawless days, after all.) When Mick reaches the front of a train, he must board the small handcart on the rails, pump its handle and travel to the next train.

### CRITICISM

● "Stop The Express without the fun? Surely no-one would have the guts to reproduce Sinclair's three-year-old classic (CRASH Issue Six, July 1984) as this load of rubbish? *Mountie Mick's Deathride* is boring (and it's a pathetic name). The graphics are badly drawn, and there's no colour to speak of.



► The fearless frontiersman still has seven trains to go in *Mountie Mick's Deathride*

Playability is the pits. Steer your train well clear."

MIKE

● " 'Yehea, ride 'im cowboy', or something along those tracks. There've been a lot of games with old American locomotives in them lately – perhaps a new trend in software? And I couldn't help noticing the similarities this

has to *Stop The Express*. It seems all you have to do here is shoot the baddies before they shoot you – but it's still an amazingly addictive game with good graphics."

NICK

● "The game is in total contrast to the title – it's simple and easily mastered, and has little lasting

## CHAMPIONSHIP BASEBALL

Producer: **Activision/Gamestar**  
Retail Price: **£9.99**

Authors: **Darrin Massena, Scott Orr, Mark Madland**

**T**ake rounders, popcorn, hype and a few rule-changes, put them all in a Magimix blender and you've got the game of baseball.

This sports simulation follows in the footsteps of the all-American game, with hitting and pitching sides competing for top honours.

The action takes place on a split screen showing an aerial view of the baseball pitch and a close-up of the pitcher throwing the ball to the waiting batsman.

Players take it in turns to come to the hitting position, or 'plate', to swing the bat at three successive balls delivered by the opposition pitcher. If a batsman misses the ball it's a strike, and the next ball is pitched. Three strikes and the batsman is out.

The batsman has to hit the ball forward to fall within the area described by two foul lines, to avoid a foul hit.

If he's made a clean and foulless hit, the batsman automatically runs toward the first of four bases that make up the baseball diamond. If the ball is well struck, the batsman continues running from base to base, returning to his start

point to score a home run.

Usually the strike isn't so perfect and is lofted or quickly fielded. And if it's caught by a fielder, the batsman is out.

After the batsman has reached first base you can control him – he can either stop running or continue to the next base.

If the batsman decides to stop at a base, a replacement steps up to the plate. After hitting the ball, he too runs. The first batsman then becomes the controllable lead runner, with the other batsman automatically following him round the diamond.

When a batsman reaches fourth base, he's scored a run (which is displayed on the scoreboard).

But if he runs on from a base and can't reach the next base before the ball is thrown there, he's out. When three of the batting team are out, they become the pitching and fielding side.

Then you have control of the pitcher, who can send down a series of balls: swing ball, knuckle ball, fastball, curveball or screwball, each with different movements in the air. A pitcher's success with the ball is dependent

upon his ability and his stamina, which diminishes with the number of pitches he throws.

When each side has batted, one of the nine innings is completed.

### CRITICISM

● "After Gamestar's sporty successes on the Commodore, I was expecting astounding graphics and amazing gameplay... but I'm still waiting. They haven't produced the goods on the Spectrum – here the computer opponent is a right dull bloke. Nearly every time he insists on hitting the ball behind

the 'foul' line, no matter how easy the throw you give him. And though a large range of throws is available, they all appear the same onscreen. The animation of the main characters is very realistic, but the rest of the screen is very badly presented, with crude graphics and badly-placed colour."

PAUL

● "The graphics vary from not bad (as you view the batsman about to hit the ball, for instance) to absolute rubbish (the bird's-eye view of the pitch, with deformed hunchbacks hobbling round a colour-clashing, glitchy field). Even if you're keen on baseball, I doubt

► Slugger Cameron takes the mark for the next pitch in this split-screen baseball simulation





appeal. Still, the background graphics are very realistic and give a good feeling of depth. But this is spoiled by tacky and uninspired train and character graphics. And gameplay is impaired by atrocious collision-detection, which destroys the atmosphere."

PAUL

## COMMENTS

**Control keys:** definable  
**Joysticks:** Kempston, Interface 2  
**Use of colour:** patchy  
**Graphics:** ugly but clear  
**Sound:** spot FX and an unmemorable title tune  
**Skill levels:** one  
**Screens:** nine trains in one continuous scroll  
**General rating:** Mike and Paul could see nothing good here, but Nick enjoyed the game within its limits, which brought the averages up quite a bit

Presentation	45%
Graphics	46%
Playability	43%
Addictive qualities	48%
Overall	47%

you'd find this very playable."

MARK

● "Some of the graphics are very impressive, I'll say that for *Championship Baseball*; it's a pity the game is so naff. While pitching and striking are all shown in full glorious colour clash, the fielding screen is risible: the players are small and appallingly coloured, and they seem to obey no-one but themselves! I think I'll stick to playing tennis; it's better value for money and a lot more fun."

MIKE

## COMMENTS

**Control keys:** W or U/X or M forwards/backwards, A or H/D or K left/right, S or J to fire  
**Joystick:** Kempston, Interface 2, Cursor  
**Use of colour:** reasonable definition, but loads of colour clash  
**Graphics:** large player graphics detailed, field graphics very poor  
**Sound:** apart from a beep for ball strikes, nothing  
**Skill levels:** one, with two-player and player-versus-computer options  
**Screens:** one  
**General rating:** lack of polish and realism ruin what could have been a playable and addictive simulation

Presentation	53%
Graphics	44%
Playability	33%
Addictive qualities	28%
Overall	33%

# PROHIBITION

Producer: Infogrames  
 Retail Price: £9.95

**S**wamped by gangland crime, the New York Police Department hires a mercenary to rub out the city's contract killers. But they won't be no pushover.

Killers appear on the streets, at windows and on the apartment-block roofs of a decaying downtown zone. An arrow at the bottom of the screen shows which way the mercenary you control must move to find your next target, but doesn't give the killer's vertical position.

Once the hoodlum has been found, you can get him in your sights. A killer must be hit within three seconds after an onscreen countdown begins. And when kil-

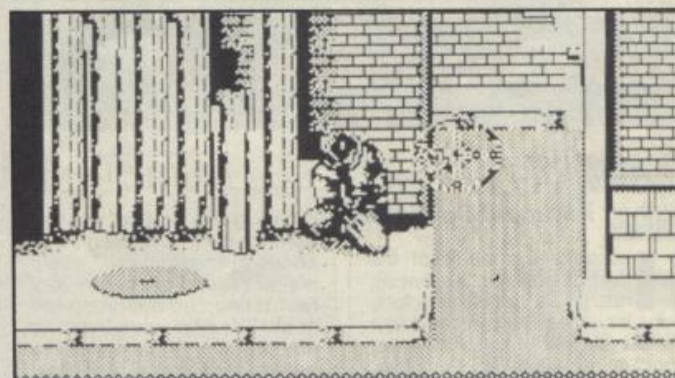
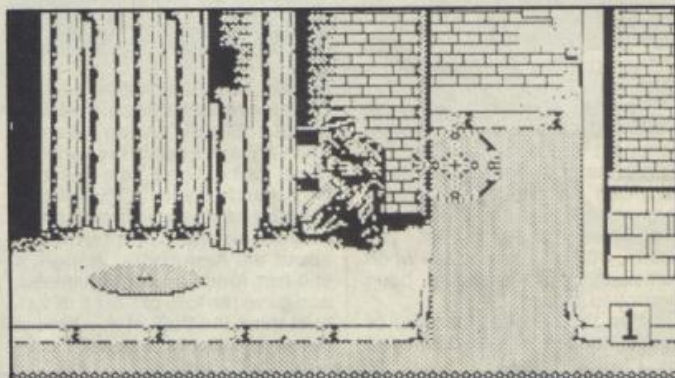
forever. A bar indicator shows remaining dodge time.

Still, you're paid good greenbacks for each contract successfully completed.

Some despicable killers hold hostages, so great accuracy is essential if you're not to plug an innocent victim.

Now get out on those mean streets...

► Ruthless gangsters lurk in the alleys of New York

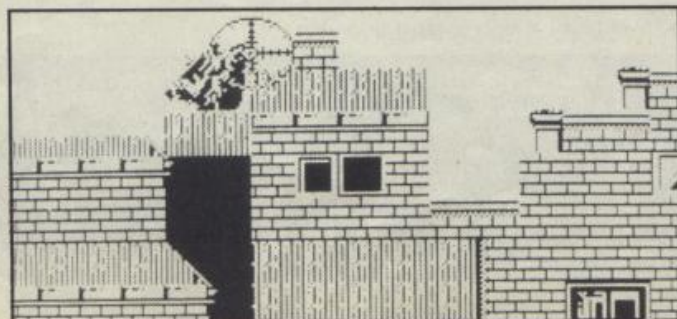


► Now the hunters are the hunted...

## NICK

"The police failed so it's all down to you. Good luck - you'll need it! Prohibition has some of the best graphics I've seen on the Spectrum for a long, long time, but the lack of colour and sound are a pity. Infogrames have a real winner here - if only there were a little tune at the start..."

► You've got the concrete jungle in your sights in Prohibition



## ROBIN

"Other than the gangster theme, there's no tie-in between this game and real Prohibition (the US ban on alcohol in the Twenties), which is slightly misleading. The title suggests images of fast shoot-outs and smuggling operations but the real thing is tedious. It consists only of shooting and dodging - and though it's very easy to get into, there's no challenge or depth to Prohibition. And the monochromatic graphics aren't as highly detailed as in other games that use this technique."

## COMMENTS

**Control keys:** Q up, S down, O left, P right, SPACE to fire, ENTER to dodge, number keys to pause  
**Joysticks:** Cursor, Kempston, Sinclair  
**Use of colour:** monochromatic  
**Graphics:** excellent, despite slightly jerky scrolling  
**Sound:** limited to gunshots  
**Skill levels:** progressive  
**Screens:** scrolling play area  
**General rating:** a straightforward shoot-'em-up with an original scenario which could have led to a great game

Presentation	58%
Graphics	71%
Playability	58%
Addictive qualities	54%
Overall	59%



## KILLER RING

Producer: **Reaktör**  
Retail Price: **£4.99**  
Author: **Tony Crowther**  
(The Byte Engineers)

**W**e all know what Killer Rings are – large fried doughnuts in space, generally attacked by a menagerie of toads, bunny heads, flop-eared whatchamacallits, and orbs. Some of these approach in a series of attack waves from the top of the screen, whilst others move in an unpredictable fashion from any screen direction. Others, if they pass off the screen, scroll once more into view from the other side.

The killer ring has three lives, lost on contact with another occupant of the screen, or the pulses that they fire. All the attackers can be destroyed, though they require sustained hits, and their death throes award you points, with bonuses added when sufficient numbers have been destroyed.

When the required number of attack waves has been destroyed

the killer ring is confronted by a spaceman sitting in a hovering craft. The defensive underbelly of the ship can be blasted through and the spaceman killed. With this done, the killer ring returns to take on the first attacking wave once more.

For added difficulty, the vertically scrolling antimatter beam can be activated, which nullifies the killer ring's initial blast, and must be pierced before the blaster can reach its targets.

### CRITICISM

● "Oh wow! A updated version of the original Space Invaders game. Shoot-'em-up games have always been a favourite of mine, but I can't say this had very much appeal. The alien's are a bit nastier and the sound is very much improved, but that's about all. Amazingly, though, it still has loads of addictiveness, and gave me lots of hours of fun, but I think the thrill of this type of game has become a little cob-

webbed."

GARETH

● "Killer Ring is really just a glorified Space Invaders game, with a Phoenix style bit thrown in. The graphics are quite well defined but when a huddle of monsters stay in one place it's hard to pick them out. The colour is monochromatic but it has a multi-coloured title screen. The best element is the sound by WE M.U.S.I.C. – it's fantastic. This game would be more suited to a budget price, but it isn't that bad."

NICK

● "Although there have been some changes since we were last there, the aliens have got meaner and bullets have become a new-fangled laser, it's immediately obvious where Killer Ring's roots are firmly planted. I liked the improvements over the old style Invaders, especially the music, and Killer Ring can be very addictive if you've got a worthy com-

petitor to hi-score against."

PAUL

### COMMENTS

**Control keys:** cursor keys  
**Joysticks:** Kempston, Sinclair, Cursor  
**Use of colour:** monochromatic (a colour on black)  
**Graphics:** large and well defined, but simple shapes  
**Sound:** no 48K music, but excellent 128 tune, average spot FX  
**Skill levels:** two  
**Screens:** seven attack waves to go through ten times  
**General rating:** an unashamedly old shoot-'em-up which manages to be moderately addictive, but with a short playing life

Presentation	61%
Graphics	55%
Playability	52%
Addictive qualities	49%
Overall	47%

## HADES NEBULA

Producer: **Nexus**  
Retail Price: **£7.95**  
Author: **Paranoid Software**

**H**ades, evil emperor of the dying planet Sodini, having heard that ten Earth colony ships have been despatched to a distant corner of the Universe, decides to ambush the fleet, enslave the colonists and sell off the vessels for scrap.

But Colony ship number seven suffers a computer malfunction,

### RICKY

"The bas-relief graphics in Hades Nebula are its only saving grace – apart from that it's a very average product. The screen scrolls at around three pixels a time making it jerky enough to be offputting. The ship is too large and sluggish to be able to dodge the countless enemy missiles coming from every angle. Although it's possible to build up your firepower, losing a life takes it all away, making it all seem rather pointless. It's also annoying that the score line obscures part of the screen, it may look good but doesn't help in actually playing the game."

### PAUL

"This game is just far too hard for my liking. Even as an above average Hades Nebula player I found the game very restricting and not much fun at all. The first rule of writing any game is to give players rewards, so they will persist. The only reward in this game is flicking back to the title screen – no 'game over' message, no 'level x' message, and not even a little jingle. Due to these major flaws Hades Nebula not only lacks in atmosphere but also falls down over addictiveness. Nice name shame about the disappointing game."

and arriving at its destination – the Orion Nebula – two years ahead of schedule, continues with its mission regardless. To the colonists' surprise the nebula is

### BEN

"This suffers horribly from the Slap Fight syndrome, it's hard to tell what the hell's going on – unlike Slap Fight, though, there isn't much of a game here. At the start your craft moves so slowly that it's hard to get far enough to pick up extra speed. When you do, things get a little more playable, but not much, as at speed you simply can't distinguish the alien bullets from everything else. Strangely it's fairly addictive, but all in all Hades Nebula isn't worth the eye strain."

occupied by a Hades mining fleet, named 'Hades Nebula' after the Emperor.

Alerted to their presence, the mining fleet attacks. Colony Seven has but one choice – to send out their only form of defence, a single-pilot terran fighter, against the entire hostile fleet.

The confrontation takes place over the vertically scrolling surfaces of a planet and a battle cruiser. The colony's craft is under constant attack from Hades starfighters and ground-based insectoid tanks.

The fighter's speed, weaponry and shields can be improved by blasting specific ground installations and collecting the equipment pods which they contain. This equipment then automatically attaches and

activates itself, making the lone ship a force to be reckoned with.

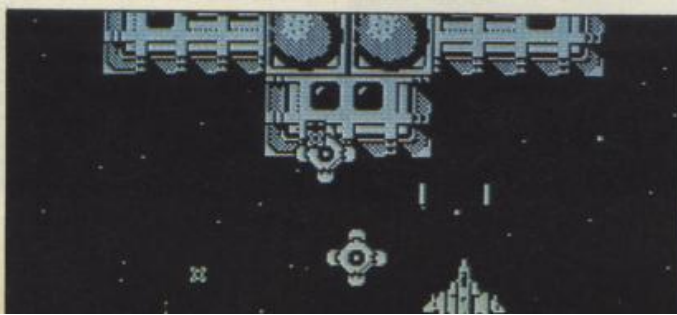
The ultimate goal is to destroy as many ground installations, fighters, mining craft and ground ships as possible within the single fighter's five incarnations.

### COMMENTS

**Control keys:** definable  
**Joysticks:** Kempston, Sinclair, Cursor  
**Use of colour:** monochromatic blue or yellow and black  
**Graphics:** nice bas-relief, but slow, jerky scrolling distracts  
**Sound:** ordinary spot FX  
**Skill levels:** one  
**Screens:** two scrolling areas  
**General rating:** gameplay elements detract from an otherwise average shoot-'em-up

Presentation	61%
Graphics	67%
Playability	52%
Addictive qualities	51%
Overall	51%

► Going for one of the large enemy space ships





# THE FOX IS BACK!

## S.T.A.R.F.O.X

AVAILABLE ON  
SPECTRUM £8.99 COMMODORE CASS. £9.99  
AMSTRAD CASS. £9.99 AMSTRAD DISK £14.99  
COMMODORE DISK £12.99





# The Complete

# CRASHMAN!

Caps: designed to set off your T-shirt or Sweatshirt, the blue CRASH 'baseball' style cap with white embossed CRASH logo, is ideal for anywhere, any time. Adjustable strap ensures one size fits all.

£3.95

T-Shirts: emblazoned with the famous CRASH logo and Olibugs, they come in three sizes made in black from 100% cotton with double stitching on neck and shoulder seams for lasting wear.

£4.50

Chest sizes  
(S)mall 34-36in  
(M)edium 36in  
(L)arge 40in

Sweatshirts: same imprint as the T-shirts, long sleeved, heavy quality and fleecy lined with double stitching on neck and shoulder seams. Three sizes available in dark blue.

£8.95

## CRASH BINDERS

Each binder holds twelve issues of CRASH held in place by small plastic straps for ease of access. The year is also marked on the spine. The binders come in a rich blue with silver logos on the face and spine and come to you solidly packaged in their own boxes.

£4.50



## CRASH T-SHIRTS/SWEATSHIRTS/CAPS/BINDERS OFFER

All quoted prices include VAT, post and packing (UK only). Continental Europe and Overseas, please add £2 extra per item ordered.

- Please tick the appropriate box. State Size ☐ S ☐ M ☐ L ☐
- Form in capitals please.
- ☐ Please send me ..... CRASH T-shirt(s) at £4.50 each.
  - ☐ Please send me ..... CRASH Sweatshirt(s) at £8.95 each.
  - ☐ Please send me ..... CRASH Cap(s) at £3.95 each.
  - ☐ Please send me ..... CRASH Binder(s) at £4.50 each.

Name .....  
Address .....

Postcode .....  
I enclose £..... made payable to 'CRASH'  
Cheques or postal orders only, please.

'COMPLETE CRASH OFFER', PO BOX 20,  
LUDLOW, SHROPSHIRE SY8 1DB

PLEASE NOTE OUR NEW  
ADDRESS!  
The PO Box number  
has been changed.



# LLOYD MANGRAM'S FORUM



The humid heat of late June has obviously got to everyone, tempers flare, words are spoken. The tone of this FORUM is characterised by the outrage caused by Oliver Frey's cover for the June CRASH – the *Barbarian* picture. Another prime topic is the inclusion of video reviews within CRASH – and there's a points of view debate on the subject. Meanwhile, back to letters on other subjects. My choice for this month's prizewinning letter looks at reviewing budget games...

## JUDGING BY PRICE

Dear Lloyd

A word on budget games. Their quality has improved lately, but essentially most are not worth the money. Many readers will burst out at this point. 'What about *Feud*, *Zub* and *Amaurote*?' They satisfy in depth, but do you really want to trudge around 2500 screens as in *Amaurote*?

Budget games usually have frills to attract the buyer, but bore after a few plays, then the buyer considers £1.99 was not much wasted and just dismisses the purchase as a small mistake.

If all budget games were raised to £2.99, a higher standard both in packaging and game would be demanded, and eventually produced. I think that many budget games get high reviews because their price is taken into account. If a game is good, it should be compared on the level of full-price games, giving a more realistic idea of its gameplay. Don't judge games by their prices.

Many would be interested to

know that I own a Sega System, as I study in England and live in Hong Kong where it is available. I've got games such as *Hang On*, *Quartet* and *Choplifter*, with *Enduro Racer*, *Wonder Boy* and *Space Harrier* to come soon. The cartridges and cards are expensive, around £20, but I think it is a better bet than the Nintendo for the memory, graphics and sophistication.

Alex Kaung, Winchester College, Winchester

You'll have noticed, Alex, that CRASH has taken price into account (or rather lost it). £1.99 really doesn't leave much for the development of reasonable and original games, and I will be surprised if we continue to see £1.99 games for much longer, unless they're old ones or real rubbish. Still, you have a choice of £30 worth of software for Letter of the Month, so let me know what you would like to receive!

LM

## ON SPEED AND COLOUR

Dear Lloyd

Breaking the tradition set by my friend and prime fool Tom Evans in the Christmas issue, I have several points to discuss.

Firstly, what exactly does Shashy Dass mean by a Speccy running at 50m/s? If, as I suspect, he means fm/s then the actual processor runs at a far higher speed than this. It is merely the screen update that is this slow. Also, what is so difficult about reading a single byte joystick input, rather than several blocks (of half a row each) of key input? It seems to me that he knows a little about a lot, but not enough about anything, as the cliché goes.

Secondly, on to a letter by D Charles in the June Issue (by the way it's nice to see the covers returning to Oli's usual standard), the 64 also has a white noise facility, and it's often used brilliantly (opening sequence of *Uridium*). Also the Commodore has 16 colours, including five greys, four blues and three reds. I'm sure it matches up to anything the Sega has to offer. As for variety

of games, I don't think you'll get much variety with each game costing 25 quid.

If you compare the Sega or Nintendo to the Amiga or ST (especially with the new prices) it's obvious the latter win on all counts (the Amiga's 4096 colours, four-channel sound and its fantastic speed), and these are the way forward for computers in general.

Robert Hayden, Lings, Northampton

I don't think games consoles are seen as a 'way forward', rather more as an additional means of playing games. Whether computer owners will also want a console is going to be interesting to observe. But in the end, it's going to be the attitudes of Atari, Sega, Mattel and Konix to third-party software producers that will make the machines popular or consigned to the fad bin. Presently none of them seems to be making the market truly available for mass games production to back the potential hardware sales.

LM

## SELLING UP

Dear Lloyd

This is being written on an Amstrad CPC6128 using *Protext*, and is probably the last letter I will ever write on this machine. The reason... selling up. I'm very disillusioned with Amstrad as a company and the whole scene, so I'm deserting Sugar and Co for the lofty heights of the Atari 520 ST, which I happened to see three pages of advertising for in the current CRASH. However, I will always be a Speccy fan through thick and thin and hope the two will keep each other company.

I believe quite firmly that the ST will become the next Speccy. It's an ideal games machine, and has all the qualities that the Spectrum presented us with when it first came out: the best colour, graphics, sound, memory and (most importantly) the best price of any machine around.

I don't believe that Alan Sugar's 'enhanced' Spectrums will hold any water with anyone, they'll just become more dead ducks like the CPC464.

I read a leading Atari magazine the other day, listings filled convenient gaps, there were only three games reviews in the whole thing and a couple of hardware articles, reams and reams about the General Election and not a great deal else. Would it not be possible to create a Newsfield Atari ST magazine, either separately or lumped on the back of CRASH? This may sound crazy, but from what the grapevine tells me, vast numbers of Speccy

owners are upgrading to the ST. The fact that Atari have chosen to advertise in CRASH is evidence of their own faith in the fact.

Although at present the Speccy market looks as healthy as it was in 1985, it's unlikely to be the same way in 1989... seven years must be the limit of any machine's earthly endurance.

Anyway, to sum up, please keep CRASH going even if you do have to drop every other title! It's really developed a cult following.

Richard Harrison, Forest Hill, London

There's little doubt in my mind that Amstrad's high-street sales techniques have undone confidence in their machines and created an unstable base. Computers aren't hi-fi stacks or high-tech fridges. The pricing of the plus three is all wrong and the disk it's based around (same for the Amstrad CPC range) is the wrong one – too expensive for realistic software prices. So it remains to be seen whether the Spectrum's life has been extended by the new machine.

As for the Atari ST, well it won't be CRASH, but our new magazine, out in September (see ad in this issue), called THE GAMES MACHINE, will be catering for Atari as well as Amiga, and all the popular 8-bit machines as well. Perhaps it will answer your prayers. In the meantime, CRASH is ploughing happily ahead, and for many years yet.

LM

## AND ULTIMATELY— COLOUR

Dear Lloyd

Wow! What is this? CRASH!? All in colour! Great! I think the all-colour June ish is really good! It was about time – keep it up! All in all I think that CRASH is getting better and better.

One thing annoys me though – every time Ultimate releases a game reviewers jump down their throats saying 'Ultimate was great once blah, but now their games are crap, unplayable, blah...'

Will you stop comparing Ultimate games? I'm really sick of hearing Ultimate was and isn't any more. Why don't you just lay off and judge their games on their own merits?

I did read a normal unbiased

review in the June ish and I must give credit to Ben who wrote it without crying over Ultimate's past success.

Paul Favero, Eastbourne, East Sussex

Ben is such a cool guy, he just can't help being wonderful and unbiased... Ultimate, surely, are victims of their past successes. And that past isn't so long ago that on a purely informational level people are bound to compare and pass judgement. However, I think you're right that the games should be assessed on their merits, and not on how they compare to previous Ultimate hits.

LM





# THE CHANGING CRASH

## TERMINAL VIDEOS, MAN

Dear Lloyd

I think CRASH has changed during its 3½ years. I wouldn't say it's changing for the worse, more... maturing, yes, into an established magazine.

I remember when CRASH had a fresh and vital approach to the new, fast-growing industry. That's why it was so exciting, it was all happening so fast, and everyone was so naive.

Nobody's fault though, the same things happen to rock bands. After some time of success with a cult following, CRASH seemed to do a U2, a Simple Minds. Then the mag took on a more glossy feel, more commercialised, it... 'sold out'. Now I'm sure newcomers to CRASH, Simple Minds and U2 are happy with things as they are, but spare a thought for early fans, who yearn for the 'raw' days of LIFE IN A DAY, and the LIVING GUIDE.

It may not be the mag that's lost its feel, maybe it is I who have aged, losing touch with computers etc, but I know I certainly don't get the kicks I used to when playing today's hits. How can the days of *The Hobbit*, *Manic Miner*, *Jetman* and *Match Point* ever be equalled?

Still, that's not to say that CRASH isn't still by far the best computer magazine available, it just seems to have lost its original appeal – and please keep video reviews out of CRASH. It is after all a computer mag.  
C Stafford, Grimsby, South Humberside

I think we would all have become very bored if CRASH hadn't changed over the years. Everyone strives to improve, and sometimes the changes are for the better, sometimes not so much (or not so appreciated). Some of the newer features in CRASH recently have resulted in letters on the subject, mostly about video reviews...

I think that (reviewing videos) is a great idea,

... writes **Alan Wardle** from Belper, Derby, but adds...

although it would be better if you could just review computer tie-ins such as *Cobra*, *Highlander*, *Aliens*, *Back to the Future* and also *Short Circuit* and *Top Gun* when they are released. This way it would still concern computers and everybody would be happy. You could also award a Smash for the most outstanding video reviewed.

That's a positive reaction from Alan – unlike that from **Mark Neumann**, **Cleethorpes**, who gasps...

Arrgh! Video reviews in a computer mag, what a bummer!

Oh dear Mark, why so?

If people, especially CRASH readers, want video reviews all they have to do is buy a mag in the newsagents. Enough said, I hope the video review on page 130 was your first and last.

Sorry, Mark, it wasn't. Fair to say, though, that the rest of CRASH was great according to Mark.

Other negatives include **Andrew Rimmer** who is sad to see **LM** go, but thinks we shouldn't...

spoil CRASH (or ZZAP!) with **LM** mutations. CRASH is a Spectrum software magazine as you have striven to keep it for years – there is no room for ANYTHING ELSE!

And then there's **Ashley Barnett** from Otley, West Yorks, who reckons it's...

a dumb idea and I hope it is stopped. Whilst I'm in a mad mood I'll tell you that **TERMINAL MAN** and **TAMARA KNIGHT** are the biggest set of naff, pathetic reading I have ever seen in CRASH and for the sake of life itself, please get rid of them. Before you tell me to go for slugging you off (which is why you won't print this letter) I'm not all bad, for I love the colour splashes everywhere and the logos.

Nice to know we can please! **Stephen Hibbert** of Ringwood, Hampshire, agrees when he comes to the short point...

Yours, hoping you'll drop the videos and Tamara boredom.

Well, pausing the video for a moment, Tamara hasn't fared too well to be honest (sorry Mel) although some have enjoyed it, but feelings on the **TERMINAL MAN** tend to be violently opposed...

Wow! Mega! Cool! Great! (What's this guy blabbering on about? I hear you cry). **TERMINAL MAN**. That's what. I have never read anything as enthralling as this. (I am now reading it for the ninth time!). It is just pure brilliance (Oli Frey deserves a pay rise for his efforts!).

... writes **Richard Davy** from Silsden, West Yorks, adding...

Some people obviously do not know what a good story is. And if, as they say, CRASH is about computer gaming, then why is **JETMAN** printed? The difference between the two strips is humour but **NEITHER** has anything to do with computer gaming, they are included to make the mag more interesting.

Right in one, Richard. I subscribe to the view that a magazine ought to stick primarily to the subject it

purports to cover, but it can also create a ghetto mentality, if (often) related subjects are thrown out because they're not directly concerned with the prime subject. **Richard** returns forcefully to the video argument...

You've probably received a lot of hate mail concerning your experiment to review latest videos. Well, I am all FOR it. I am now awaiting my local video shop to get *The Monster Club*. Since it's once in a blue moon I hire a video, I may not have known about **TMC** and so would miss something special!

Video reviews make a great change from reading the usual stuff. No-one wants to play games all day, people need to relax you know, and what better way than to watch a video? Instead of just going out and getting a video you don't know whether you'll like or not, it's easier to read a review of a video and then get it. That way you won't waste your money. Without a review you may not want to take a chance, and be bored stiff for the night watching the usual drivel.

As **Mark Neumann** said, you can buy video mags which contain

reviews, but then you have to buy all of the mag for just a page or two, and without sounding condescending (he said patronisingly), most dedicated video mags I've read are more interested in hardware and soft pornography ads, giving only a few lines to reviews. Still, just a couple more points; **Alan Wardle** would like...

a video computer chart every month to see how the film is doing in the video world alongside its computer game counterpart.

and **Alex Kaung** of Winchester says...

If you want to include film reviews, please can you print some stills of the reviewed film?

Absolutely, Alex. That first try-out page was a bit lacking, we'll get more pictures together in future. Thank you everyone who took part in the debate. No doubt there'll be more letters yet, and a clearer picture may emerge, but I would judge video reviews in CRASH are more popular than less, by a nudge at the moment.

**LM**







## OLI-SHIRTS

Dear Lloyd  
I was wondering if any of Oliver  
Frey's amazing CRASH covers  
could be printed on T-shirts and  
sold through your brilliant  
magazine. I think covers such as  
Friday 13th, Redmoon, Heavy On  
The Magick and Barbarian would  
look excellent emblazoned on a T-  
shirt.  
David Lambert, Abingdon,  
Oxfordshire

I agree (although perhaps not  
Barbarian - see elsewhere in the  
FORUM!). But the cost of four-  
colour printing on T-shirts is very  
high. Still, there's a plan afoot for  
some new T-shirts soon...  
maybe they will be based on  
covers.  
LM

## STRIKE FOR ART!

Dear Sir  
I've been moved to write over  
Robin Candy's fine article on the  
software industry's state. I, too,  
have noticed the decline of the  
industry, as it moves from a  
backroom cottage affair to the  
million pound market it is today.  
And may I say it's pretty awful at  
present.

In the good old days, when  
people thought that digital  
watches were pretty neat, and 16K  
was large, the software industry  
was exciting, dynamic and full of  
people exploring a field of art  
entertainment never before seen.  
As Candy's article shows,  
independent companies fought  
for your cash, and only survived if  
the product was good enough. A  
company's existence relied on its  
next release. That is why the  
design flair and ingenuity was so  
apparent.

However, as more morons  
started buying computers for  
games alone individual  
development declined and the  
smaller more adventurous  
companies went under. Behind  
the scenes mergers and takeover  
deals became common place.  
How can six or seven companies  
control such a vibrant  
marketplace?

Now is the time for action.  
Here's my proposal. No CRASH  
reader should buy any software for  
one month. Hopefully this should  
hit the profit margins and cause  
the large companies to think  
again. With unity it could be done.  
We have the power to bring the

software companies to their  
knees, if we act as one.

Think it over. Soon there may  
only be ONE software house  
controlling all the others. Then  
what?

Stephen Hibbert, Ringwood,  
Hampshire

*This simply isn't the way to go  
about it, Stephen. If your family  
was denied their source of income  
for one month, you would all die of  
starvation, unless your reserves  
were strong enough. Profit  
margins can be tight and it doesn't  
take much to damage them  
irreparably. It's also extremely  
unlikely that a single software  
conglomerate will ever control all  
software production. No, you must  
purchase selectively (and this  
happens anyway) so that poor  
games fail.*

*All software houses are keen to  
succeed, so don't think they turn a  
blind eye to the market place -  
they know as well as you do what  
are poor games. Okay, now and  
then they put out a piece of rubbish  
in the cynical knowledge that it will  
sell for a while, because they spent  
money doing the game and want  
to get something back, but they  
learn from that. It's in their own  
interests that games are good, do  
well and make more money.  
Striking for better games won't  
achieve anything (if it could ever be  
arranged in the first place), other  
than the potential death of the  
industry altogether.*  
LM

# SALE

ORDER  
NOW!

THE SAGO LO-PROFILE  
PROFESSIONAL KEYBOARD  
RECOMMENDED RETAIL  
PRICE £39.95

SALE PRICE  
**£28.50**

+ £1.50 p+p

(OVERSEAS ORDERS PLEASE

ADD £8.50 to cover p+p + INSURANCE)

The Sago Lo-Profile Keyboard has  
52 full travel keys, featuring a separate  
numeric keypad and printed keys. Your  
Spectrum fits securely inside the housing.  
Dimensions: 22x44x5cm. Suitable for  
Spectrum 16/48K and Spectrum Plus.

Order by ACCESS for immediate delivery from STOCK.

## VideoVault LTD

140 High Street West, Glossop, Derbyshire SK13 8HJ

Tel: 04574-66555/67761 Head Office & access orders, queries,  
Manchester 061-236 0376 while you wait repair centre only.

© COPYRIGHT VIDEOVAULT LTD No. 786091 FAX No. 04574 68946

## FOOTBALL MANAGEMENT

...SKILL...TACTICS...DECISIONS...STRATEGY...SKILL...TACTICS...

E & J Software offer 3 CLASSIC Football Management  
Strategy Games for all soccer enthusiasts.  
Each of these QUALITY GAMES uses the full  
available memory of your computer and is  
PACKED with GENUINE FEATURES to make  
each game the most REALISTIC of its kind!

STAR  
VALUE

**PREMIER II** : A COMPREHENSIVE AND EXCITING LEAGUE GAME - Can you handle  
all of this? - Play All Teams Home & Away, Full Squad Details All Teams, Transfer Market  
that allows you to buy any player in league/sell your players to any other team, Pre-Match  
Report, Full Team and Substitute Selection, Choose Your Own Team Style, All Other Teams  
have their own Style, Match Injuries, Match Substitutions, Half Time/Full Time Scores All  
Matches, Named & Recorded Goal Scorers, Full League Table, Fixture List, Team Morale (all  
teams), Transfer Demands, Opposition Select Their Strongest Team, Injury Time, Financial  
Problems, Match Attendances, Bank Loans, 7 Skill Levels, Managers Salary, Change  
Player/Team Names, Continuing Seasons, Job Offers or Dismissal based on your performance,  
Printer Option, Save Game and MORE!

**EUROPEAN II** : A SUPERB EUROPEAN STYLE COMPETITION - Enjoy the atmos-  
phere of European Cup Ties! - Home & Away Legs, Full Squad Listing, Full Penalty Shoot-  
out (with SUDDEN DEATH), 2 Substitutes Allowed, Pre-Match Team News, Full Team and  
Substitute Selection, Away Goals Count Double, Extra Time, Half Time & Full Time Scores All  
Ties, 7 Skill Levels, Disciplinary Table (showing any MATCH BANS), Full Results List, Full  
Random Draw - All Rounds, Printer Option, Change Player/Team Names, Save Game,  
EUROPEAN II includes a comprehensive Text Match Simulation with these GREAT FEAT-  
URES - Match Timer, Named & Recorded Goal Scorers, Corners, Free Kicks, Goal Times,  
Injuries, Bookings, Disallowed Goals, Injury Time, Penalties, Sending Off and MORE!

★ SPECIAL FEATURE - transfer your PREMIER II winning Side into EUROPEAN II ★  
Both these GREAT games can be played separately or as companion games

**WORLD CHAMPIONS** : A COMPLETE AND EXCITING WORLD CUP SIMULATION  
- Takes you from the first warm up friendlies through the qualifying stages and on to THE  
FINALS! - Select Team From Squad of 25 Players, Select Friendly Matches, Full Home &  
Away Fixtures in Qualifying Round, Pre-Match Team News, 2 Substitutes Allowed, Disciplinary  
Table, Select Tour Opponents, Full League Table, Players gain experience/caps as  
competition progresses, Extra Time, Penalty Shoot-Out, Quarter Final Group, Full Random  
Draw, Change Player/Team names, 7 Skill Levels, Printer Option, Save Game, Full Results  
List, Post Match Injury Report, WORLD CHAMPIONS includes a comprehensive text match  
simulation - Goal Times, Bookings, Injuries, Named/Recorded Goal Scorers, Injury Time,  
Match Clock, Sending Off, Penalties, Corners, Free Kicks, and MORE!

All games available for ANY 48K SPECTRUM

Games supplied on tape with full instructions @  
£6.95 Each Inc. P&P (add £1.00 outside U.K.)  
Great value - Any 2 Games Deduct £2.00  
FANTASTIC VALUE - All 3 Games Deduct £3.00

These games are available by MAIL ORDER ONLY  
via our First Class Service. All are available for  
IMMEDIATE DESPATCH by 1st Class Post  
and are securely packed.

From: E & J SOFTWARE, Room 3, 37 Westmoor Road, ENFIELD,  
Middlesex EN3 7LE





# BARBARIY IN BARBARIAN

Dear Sirs and Oliver Frey  
I'm writing about the front cover and the majority of the visual contents of CRASH, June issue.

Do you realise that nine- and ten-year-olds and even younger children see this mag? Do you realise what you are doing to their subconscious, in fact their conscience direct. You are dealing with EVIL. There is nothing, absolutely nothing good about any of these pictures or even games. They are kill, kill, kill, fear and more fear, hatred and immorality of every kind.

Computers were meant for computing. I know these games are a very profitable side line, but moral responsibility is far more important than money. We know that the Devil is the prince of this world although his time is limited, but unfortunately he is very clever and uses many people to his gain, especially those in the media. Crime has risen appallingly in recent years, with a horrific rise in 13-to-15-year-olds involved in VIOLENT crimes. They feed off this kind of stuff.

I ask you as a very concerned parent and christian, clean up your mag, refuse to print foul pictures and games, such things are noted in heaven and God will finally bring them into judgement.

Please help bring back LOVE. Make a stand, be different and you'll be rewarded.

**Mrs Angela Cook, Isle Of Wight**

Yes, the Barbarian backlash got off to a flying start. I hadn't actually recognised that we were dealing with the prince of this world, but that Oliver Frey's cover would raise some eyebrows seemed inevitable. **P S Eilds** from Manchester, who says he's 16 and not easily disturbed or offended, was compelled to write...

... what I saw absolutely disgusted me - so much so that I have withdrawn my regular order of your magazine. I consider (the cover) to be absolutely horrific, barbaric, over the top and totally unnecessary.

A view held by many of the letters I received...

It was a disgusting, bloodthirsty picture of two men plastered in blood, one looking very proud, stabbing another man. For the life of me I cannot understand why you had such a barbaric picture as that on what is supposed to be a computer mag...

wrote **Ashley Barnett** from Otley, West Yorks, echoing the sentiments of an age-old argument as to what constitutes the nature of computing...

I'm sure that Oli Frey can find better things to draw. A nice picture illustrating the only Smash (you never seem to illustrate adventure Smashes do you?)

Hydrofool would have been appreciated...

suggested **Gerard Callaghan** from Belfast. Actually there have been adventure covers, Hobbit and H.U.R.G., Red Moon and some Gargoyle Games-related pictures, but meanwhile, the tirade continues...

The picture vividly advertising Barbarian is particularly distasteful and violent. The fact that it was inflicted on any of your readers that like your magazine for its content is almost obscene.

**Mike Bear**, Littlehampton, W Sussex.

I was horrified by this month's gory cover! What a revolting, obscene picture to put in full colour on the front of such a popular mag, read by so many youngsters. It made me feel sick!

**Mrs P D Crick**, Chipping Sodbury, Avon.

I am cancelling my order with my newsagent for your magazine. I tolerated the previous depiction of overproportioned females and read, with some amusement, the reports of other people and their reactions. However, enough is enough and I am not prepared to subsidise sick artists employed by sick magazines. I will not even buy the next issue to see if this letter is printed. **Philip Raymond Baker**, Stockport, Cheshire

We were shocked and appalled by your complete lack of taste and can hardly comprehend the total absence of morality and judgement which must have led you to consider it a fitting cover picture for such a magazine. CRASH will no longer be on our shopping list and hopefully many other people will feel the same, so that people like you, who apparently seek to degrade young minds, will be put out of business. **Elizabeth Fox**, Portsmouth.

It becomes apparent that most letters have been written by concerned parents, and after the initial attack on morals, judgement and taste, most correspondents turned to the inevitable 'warping of innocent minds'. **P S Eilds** is a...

... firm believer in the theory that continual exposure to realistic violence creates a passive attitude towards it. This does not mean that children watching Tom and Jerry become excessively violent, for even the youngest child is able to realise that a cat which is squashed by a steam roller cannot inflate itself by sticking a thumb in its mouth and blowing. However, continual exposure to scenes involving two bloody men, one of whom is skewering the other through the chest with a knife, will - sooner or later - make its viewer come to accept such intolerable circumstances; maybe even to the level where they are capable of committing the act themselves.

Actually, the picture does not depict anyone being 'skewered' - the artist didn't go that far at all, but it is the implication that seems to worry the most. **M K Cherrill** from Wantage, Oxfordshire, buys CRASH for himself, but has an eight-year-old son, and daughter of five...

Did you consider what effect it would have on my daughter? Look also at the picture on page 74, did you consider what this could do to a five-year-old's vivid imagination? You may say 'keep it away from them' but how? It's on the shelves of every newsagent. What about the younger brothers and sisters of all the kids that buy your magazine?

I cannot accept, in my own mind, that older children and teenagers go unaffected. Obviously it won't make them dash out and plunge a sword into someone's throat, but, could it be that with continual exposure to violence their acceptance of it becomes more likely?

According to **Mrs P D Crick**, even older boys need...

... to be protected from such an obscene picture. My son (13) started buying CRASH on a regular basis from day one of its publication, so he was not even a teenager then - I would have banned it for ever had it such a cover picture on it then!

Please show some responsibility to your younger readers, don't glory in the obscene which upholds blood and gore as normal. Please, on behalf of the many innocent kids who read the magazine, please be more careful. I've always found kids to be far from innocent, though I'm aware from my own childhood that a morbid interest can be generated by some pictures, although what holds terrors for one may be completely disregarded by another. **P S Eilds** is in...

... no doubt that you will receive hundreds of letters from irate 13-year-olds who claim they are totally unaffected by such things, and that they are exposed to similar scenes nearly every day of their lives.

Perhaps we will, but that will be after this column has appeared. Meanwhile, it wasn't only Oliver Frey's cover that attracted irate flak, as **Elizabeth Fox** suggests when she says...

Perhaps the game, Barbarian, is meant to be a spoof on violence, but in no way is that apparent in the cover picture, nor in the semipornographic picture advertising the game inside the magazine.

Palace's advert has also caused several raised eyebrows within the industry (and raised again the point about the nature of computing itself and the suitability or relevance of imagery used). But **Mike Bear** went further, and did

the obvious - have a look at the game...

If (the cover) was not bad enough I decided to see what type of game you were choosing to promote. I found the picture repeated, WITHOUT COMMENT on page 7, and the review tucked away on page 114. Obviously not the main feature! So why the picture? You're suggesting it was cynical exploitation of an image. Not really, it just seemed like the most exciting cover image for that issue, and CRASH often covers a feature that isn't top of the contents list. When Daddy Bear got to the review itself, he found that...

... sadly, what I had expected. That what was on the whole an objective and reasonably written article had been 'coloured' by one of your three commentators in a particularly disturbing way. Paul, a 21-year-old I believe, openly thrived on the 'convincing and proper movement' of the figures in the game (like heads coming off). 'Games like this really bring out the animal in me,' he eagerly reports, 'Barbarian is easy to escape in and hard to get away from,' is his pronouncement.

IS THIS THE SORT OF REACTION THAT SHOULD BE ENCOURAGED AMONG 13-to-18-year-olds which comprise your main readership age group? I suppose I could be grateful that Ben & Ricky, the two younger Commentators, were not as 'turned on'. Leaping to his defence, I have to say that of all CRASH reviewers, Paul is probably the most responsible in his personal attitude. It's vital to recognise that these games, even the most violent, are only an extension of what has constituted children's fare for generations, and their reactions to them are as individual as there are persons viewing them.

The outrage occasioned by Oliver Frey's Barbarian cover gave an opportunity to expand some readers' feelings into other areas. Having noted that...

... your covers are always the same big butch chap sticking a sword into some unfortunate creature with blood all over the place...

**John Hynes** from Wigan, goes on to add...

THE TERMINAL MAN is just the same blood, blood and more blood. Please tell Oliver Frey to do something different. I think your mag is brilliant apart from Oliver Frey's love of blood.

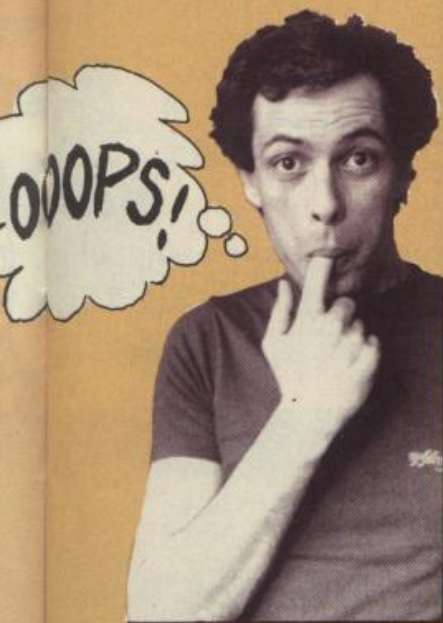
That's a bit of an exaggeration, John. The covers hardly ever have blood on them, and certainly aren't the same chap killing someone.

**P S Eilds** goes further though... I would also like to question the suitability and relevance of some of Oliver's artwork which accompanies ADVENTURE TRAIL. I know of very few





# BOUNCED OUT



adventure games (come to think of it, none) which involve men decapitating each other, or women sacrificing men shackled to stone tables, or any of the other gruesome scenes which can be seen by flipping through some back issues. In fact, I would bring into question Oliver Frey's overall suitability as an artist for a computer magazine. He seems to take some kind of morbid pleasure in creating the most horrific or sinister pictures he can imagine.

Again, a bit exaggerated. Like many commercial (and uncommercial) artists, Oliver enjoys the dynamics of action. Some, like **Ashley Barnett**, however, see Oliver less as some sinister force behind the airbrush and more... a very child-minded art editor who insists on doodling space age pictures that belong in 2000 AD comic. I am referring to the chart page of course. But the June cover does nothing for the image of CRASH. Your art editor must have some kind of warped mind to come up with a picture of such bad taste.

But Ashley offered another complaint...

As well as being a bloody sight to look at, it is embarrassing to buy. It did not look like a computer mag at all and to show it at the counter

before paying for it is an embarrassing experience, for it makes the buyer look like a gruesome minded person.

Nonetheless, indications are that the issue sold very well, although I have to be fair to everyone's views here printed, and add that representatives of W H Smith have requested that we don't use a cover quite like it again. I think it is largely a matter of personal taste - I certainly reject that the cover is any indication of Satan working his ways through us, I'd like to feel we're much more free than that - but I accept that if you work with sensitive images, then you're going to upset some people. A last word from **M K Cherrill**...

This world is not quite the nice place it used to be. Children will be subjected, soon enough, to what ever horror awaits them. What right have we to subject them, in their most fragile and informative moments, to this type of picture?

Don't think I'm splitting hairs, but I would reckon this world is about as nice as it has ever been. Was it better when ten-year-olds were sent down the mines as slave labour, rather than attending school and playing computer games in their spare time? I doubt it.

LM

## NO JOY

Dear Lloyd  
I recently purchased a Spectravideo Joyball, but I'm having trouble finding a compatible interface. I've already tried a Bud interface and a Kempston one, both work, but only with certain games. Are there any interfaces which are compatible?

**David Dewar, Broxbourne, Herts**

We've used a Kempston too, which seemed to work with all the games tried out last month. However, the interface which does work all the time is the Frel Comcon (available from Frel, 1 Hockleys Mill, Temeside, Ludlow, Shropshire). You will note that the fire function LEDs do not operate properly on the Joyball used with an interface into the Spectrum, but this doesn't make any difference to the controller's proper directional and firing functions.

LM

## 128 APPRECIATE

Dear Lloyd  
What the hell's going on in your review section? You start a box for 128 game features, then after only a month - zap! it vanishes. Now I think I've a reasonable solution to the 128 problem - simply go back to the 16/48K solution of putting a little heading between retail price and author.

I hope you take this into consideration as there are still the rare games which don't load on a 128.

**J A Morrison, Newcastle**

Part of the problem has been that Ben Stone, responsible for the 128 boxes, has been absent for two issues due to one thing and another. We said that 128 boxes would appear on major reviews, but where sound or extra features have been present on 128 versions, we've said so in the comments at the end of the review. In most cases where there's no reference to 128 it's because either there isn't a 128 version or there's no appreciable difference between it and the 48K.

LM

Dear Lloyd  
Where's Thing's review (Issue 41)? According to the Thing competition on page 81, there's a review of *Thing Bounces Back* on page 14. Yet on page 14 is a review of *Hydrofool*! In MERELY MANGRAM, you state that *Howard the Duck* arrived too late for a review. Are you sure it wasn't *Thing* that was late. *Howard* is reviewed on page 110 - strange.

Your review of *Krakout* a few issues ago priced the game at £4.99, yet the advertisements price it at £7.99! Who is right? Boots are also overpricing on *Leaderboard* (£9.95).

**Richard (Loony) Davy, Silsden, W Yorks**

PS About a year ago, there was a bit in your news about a game that was to emerge from that brilliant

group *Sigue Sigue Sputnik*! Since then, I have heard nothing. Am I ever going to see their computer game?

I guess not *Richard* - will we ever hear another single from them? But back to bouncing *Thing*. These *Things* happen occasionally, you see when the comp was written we were expecting the game for review any second, but it turned out not to be quite ready, so *Hydrofool* got its slot - and *Howard* arrived on the last day of schedule, a few hours after my MERELY MANGRAM piece had winged its way printerwards. Some days you just can't win. The *Krakout* review got the price wrong, but I believe there was a price change at the last moment.

LM

What a lot of work that was! You don't believe me perhaps, but it takes ages compiling the bits and pieces from so many letters into a (hopefully) coherent whole. On the other hand, a vibrant CRASH FORUM is what I want. Next month there will be some correspondence from those who thought the *Barbarian* cover was great, fulfilling and wholesome - perhaps...

Meantime, keep writing to LLOYD MANGRAM, CRASH FORUM, PO BOX 10, LUDLOW, SHROPSHIRE SY8 1DB.

## AT LAST!

# SPECTRUM SPARES

## AT REALISTIC PRICES

All prices include post/packing, handling and VAT

ULA 6C001	£11.99	SPECTRUM K/BOARD MEMBRANE	£4.99
128k ROM	£11.99	SPECTRUM K/BOARD MAT	£5.49
Z80A	£2.99	SPECTRUM K/BOARD TEMPLATE	£4.99
7805 REG	£1.49	SPECTRUM+ MEMBRANE	£9.99
4116 RAM	£1.49	MODULATOR	£9.99
SPEC PSU	£10.49	S/MANUAL	£22.99

Remember all prices include P & P, handling and VAT

Full spares list available / Trade enquiries welcome

Access/Visa. 24-hour T.A. service

SPECTRUM REPAIRS £9.99 + PARTS

# ELECTRONIC SERVICES

176 VICTORIA ROAD WEST, CLEVELEYS, BLACKPOOL FY5 3NE

Tel. (0253) 822708

## NEW — TRANSFER PACK 4

### SPECTRUM TAPE TO DRIVE

A software system to convert many old and new TAPE based programs to your DRIVE (no matter what type) + OTHER USEFUL UTILITIES. Most jerky programs and others (e.g. with zero counter) are EASILY converted to drive. Pack has at least 7 programs! Opus/Beta owners add £1 for OPTIONAL extra program. State TYPE of Spectrum + name of drive when ordering (e.g. 128K Spectrum and Microdrive). £11.99 on TAPE (£12.99 on cartridge for 48k Spectrums only). (£6 if updating)

INFORMATION SHEETS - £1 each - approx 8 TRANSFERS of POPULAR programs per sheet - needs TP4. Up to No. 40 available. SPECIAL OFFER - Nos 1-20 for £3, 21-30 for £3.50, 31-40 for £3.50.

### M/DRIVE OWNERS NEED MICROTRANS

MICROTRANS 2b - for m/drive to m/drive back-up, easy ERASE, tape to drive (inc headerless) - does NOT convert programs. Includes MICRO-TAPE and RUN programs. ONLY £4 on TAPE, £5 on Cart. ALL Spectrums.

CODE COMPRESSOR - £3.50

Overseas add £1 Europe, £2 others each product. SAE for details. NO RISK! - ALL PROGRAMS CARRY OUR MONEY BACK GUARANTEE (not updates)

LERM DEPT CR, 11 BEACONSFIELD CLOSE, WHITLEY BAY, NE25 9UW. (Tel. 091-2533625)



**RUN IT AGAIN!**

It's back, after almost three years in the cupboard. CRASH presents, by popular demand, the return of the legendary comparison test.

# DYNAMIC DUNGEONS

## THOSE GAUNTLET CLONES

Dandy  
Druid  
Storm  
Avenger

Ranarama  
How To Be A Hero  
Into The Eagle's  
Nest

But do great minds really think alike or is it just good old-fashioned plagiarism? RICKY EDDY and ROBIN CANDY discuss the case of the *Gauntlet* clones.

**W**HY were we suddenly deluged by a flood of *Gauntlet*-inspired games? The *Gauntlet* variants have established their own niche, somewhere between arcade adventures and shoot-'em-ups.

Maybe it's a little unfair to call them all *Gauntlet* games – it makes them sound like rip-offs. (Maybe they are.) But with the alternative name being bird's-eye-view-shoot-'em-ups-in-dungeons, we'll stick to *Gauntlet*, with apologies to the 'unofficial' versions.

How do you go about *Gauntlet*-spotting?

Well, a *Gauntlet* game is seen from overhead and pits the player against a strong opposition. There's usually some kind of quest, often an obscure one; more often than not, it's to escape from somewhere. En route you pick up objects such as health potions, power pills, treasure and ammunition to increase your character's efficiency.

And, if we're really going by the book, the game should have a two-player option.

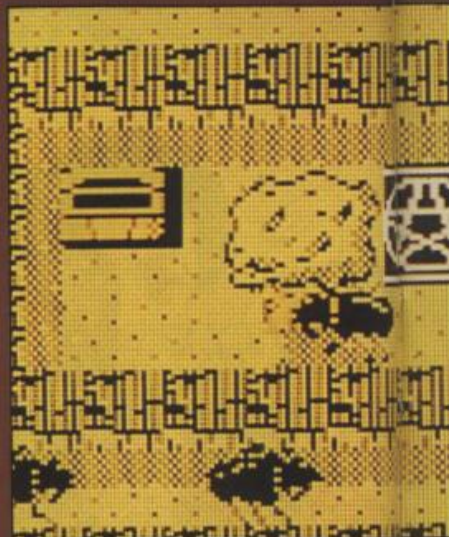
So grab your joystick and let's enter those perilous dungeons – again.

## GAUNTLET US Gold

**ROBIN** ■ *Gauntlet*, the official conversion, arrived in CRASH Towers just in time for the February 1987 issue – where it was immediately Smashed and hailed as 'a much better game than any of its clones'. It follows the arcade original quite faithfully, with a few alterations due to the limitations of the Spectrum.

The original is a one-to-four-player game where each player plays simultaneously. The abilities of the characters vary – for instance, some are better at combat than others. The aim is to rush about the spacious mazes hacking at anything that moves and eating anything that doesn't. You have to find a key to get into some parts of the maze.

There are six groups of nasties out to stop you. At the top of the tree comes Death himself, who can only be killed if you have a magic potion; the other baddies can be killed in hand-to-hand combat, or shot.



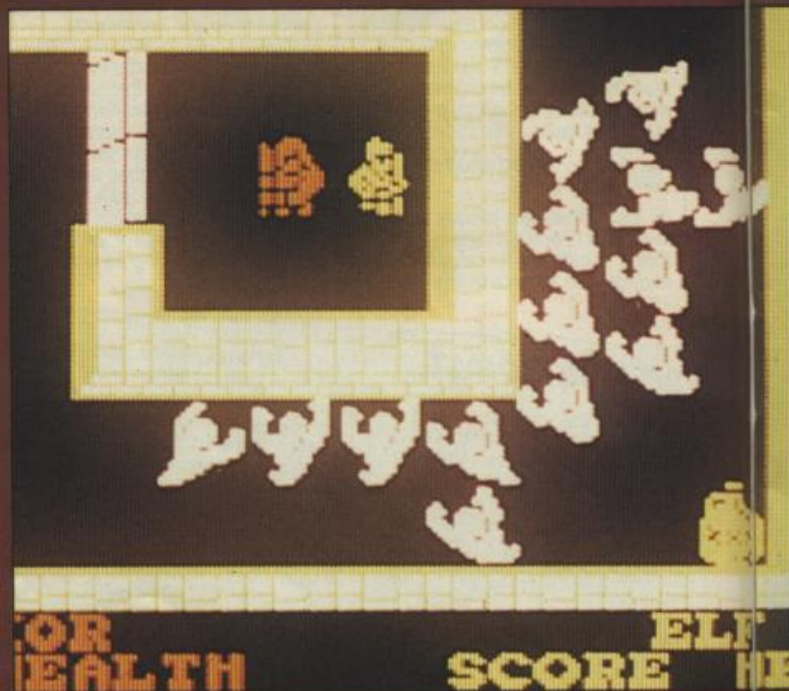
## DRUID Firebird

**RICKY** ■ *Druid* was the first successful go at a *Gauntlet* game, earning itself a CRASH Smash in the Christmas Special last year. The game centres on a druid with the pretty horrendous task of killing off the Princess Of Darkness and her evil minions.

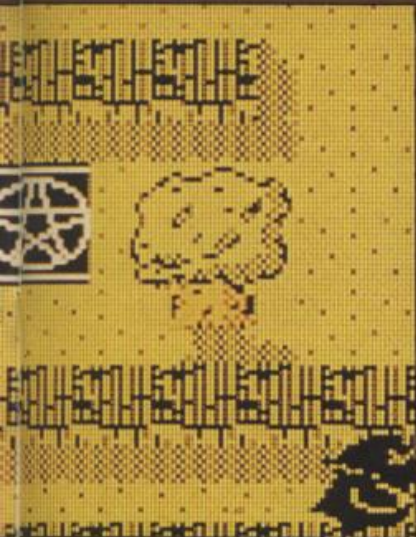
The programmers, Andy Bailey and Dean Carter, included three different forms of weapons that the druid can access: water, fire and electricity. Scattered around the playing area are chests containing magic spells which boost the druid's powers.

There are eight levels of frantic action, and a neat little twist in two-player mode: one player takes control of the Golem, an apelike beast who simply kills off the druid's foes.

► US Gold's *Gauntlet*: run it again, and again ...







## AVENGER

### Gremlin

**RICKY** ■ Loosely labelled *Way Of The Tiger II*, *Avenger* romped in for the Christmas *Gauntlet* craze. It follows the standard routine for *Gauntlet* games, but with an Oriental flavour. You play a ninja warrior out to avenge the death of his father (known locally as Grasshopper, because of the way he clicked his knees together).

Anyway... scroll on. And that's exactly what you're out to find – the scrolls that will save Kwon (who just happens to be a rather important god) from being lost in eternal hell. Why this ninja should want to help him is beyond us, but that's what you've got to do.

The action is set in and around the Quench Heart Castle, where three Guardians which must be

annihilated to locate the scrolls. The guardians have their own minions, ranging from *he-uge* spiders to horned demons – all quite intelligent and all out to kill you.

You are equipped with ten star-shaped blades to lob at these foes. But when these are used up your ninja faces hand-to-hand combat, unless he can find more. (Other traditional *Gauntlet* goodies can be collected, too.)

Energy and life force must be watched closely; without these you suddenly become an ex-ninja (this ninja is no more... *(cut the parrot sketch jokes – ED)*). But if you're in difficulty you can call on Kwon for a quick top-up.

Though the maze is mainly in monochrome, the scenery has plenty of colour to liven up the display. This and the detailed and smoothly-animated characters add up to a highly attractive game.

And the gameplay doesn't suffer from this indulgence in graphics – it succeeds as what it's designed to be: a fast, exciting but challenging quest.

To top it off, the sound FX and title tune are neat, making *Avenger* a pleasant addition to the range.

**ROBIN** ■ As a sequel to an enjoyable game, this was a disappointment. Most of the action is presented in black-and-white, though the animation more than makes up for that. Gameplay is enjoyable and can be addictive for a while.

But it still boils down to another *Gauntlet* game with few innovations. And probably the biggest disappointment is the lack of a two-player option, which after all is the highlight of any *Gauntlet* game.

► Kwon with the wind in Gremlin Graphics's *Avenger*

► The first of the flood: Firebird's *Druid*

The graphical representation of the many characters is good, mainly in black; however, the colourful backdrops add spice to the scenery. The informative status panel gives *Druid* an advantage over the other *Gauntlet* games.

Of all the *Gauntlet* clones, this one certainly stands out as both a good adaptation of a theme and an enjoyable game in its own right.

**ROBIN** ■ This was one of the first *Gauntlet*-type games available, and it was highly rated in *CRASH*. The main difference between *Druid* and *Gauntlet* is the spell-casting (later reproduced in *Ranarama*), a novel feature. Graphically it's excellent, but the sound is a little disappointing. Highly playable and addictive, it's certainly one of the better clones around.

You have only one life, which is represented by a health score. This goes down when you're wounded by the enemy and goes up when food and drink are collected. Scattered about each maze are objects which give limited help, such as increased fire power and invisibility.

To progress to the next level you have to find an exit – and if you're particularly proficient, you can buy *The Deeper Dungeons*, a 512-screen add-on to *Gauntlet*.

The biggest letdown in the Spectrum conversion of *Gauntlet* is the graphics, which are small and simple. And, unlike the arcade original, the Spectrum *Gauntlet* allows only two players. Still, the conversion retains all the playability and addictive qualities that made the original such a smash hit. The multiloop system gets a bit annoying at times – but it's a small price to pay.

**RICKY** ■ Because *Gauntlet* is the official conversion, it includes all the best features, and it's no disappointment after the arcade game. However, I could only enjoy *Gauntlet* as a two-player game – on my own I found it didn't generate the same enthusiasm.

## STORM

### Mastertronic

**ROBIN** ■ Una Cum the wicked one has made off with fearless Storm's wife, the delectable Corrine. She's been locked up in Una's laboratory while he's off looking for a box called The Fear.

As soon as Storm heard of this, he set off to retrieve his sweetheart from the castle, stopping en route to enlist the help of Agravian The Undead (who only appears in two-player mode). To free Corrine they must collect three snake brooches.

*Storm* was one of the first *Gauntlet* clones, and it has many *Gauntletesque* features, such as keys to open locked doors and food to replenish energy.

The one distinguishing feature of *Storm* is the control method. Storm rotates either clockwise or anticlockwise, and another key is used to propel him forward. This method suits some of the 3-D isometric games, but I found it fiddly.

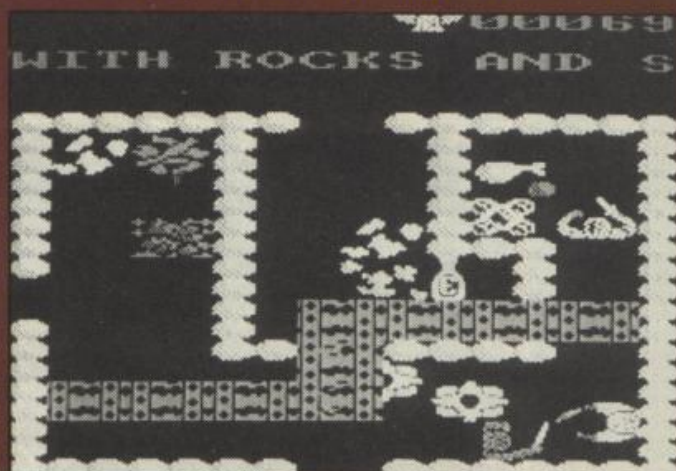
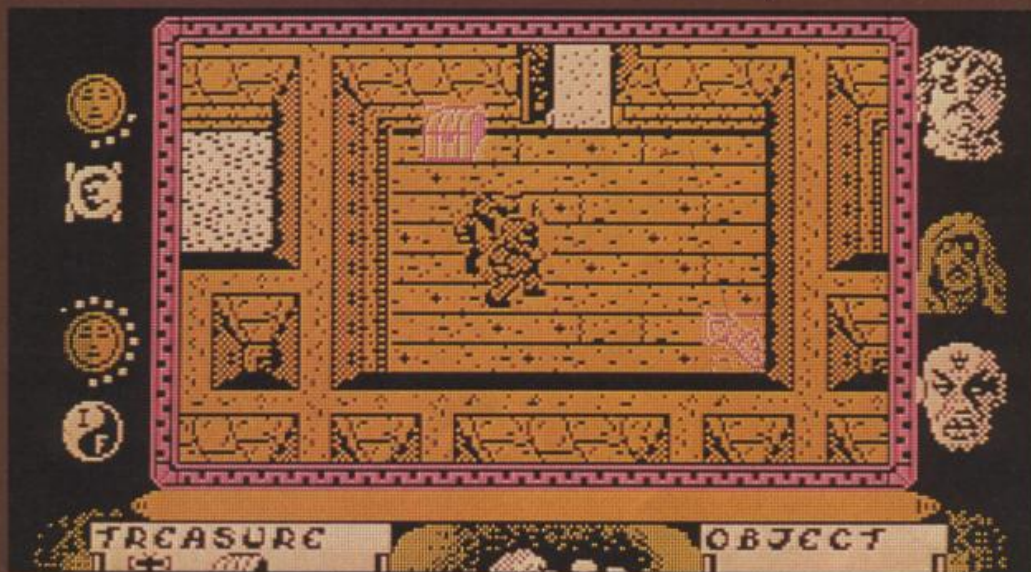
Graphically *Storm* is very

boring; the graphics are big, but designed with little attention to detail. I found it immensely boring and not a patch on most of the other *Gauntlet* games. Even at its budget price, steer clear of this one.

**RICKY** ■ *Storm* was originally an Amstrad game – and it shows. The graphics are absurdly blocky, so movement is jerky. The control

method is strange, because *Storm* could have been such a fast-moving game; 'Turn to the desired direction and move' just adds to the frustration, making it almost impossible to enjoy the game. Avoid.

► 'Turn to the desired direction and move': the wisdom of Confucius ONLY FROM Mastertronic in *Storm*





# DYNAMIC DUNGEONS

## RANARAMA

Hewson

**ROBIN** ■ *Ranarama* is yet another Smashed game along the same lines as *Gauntlet*. In this game you have complete control over Mervyn, a sorcerer's apprentice, who happens to be in frog form at the start of the game (due to a few miscast spells).

Mervyn is trapped in a dungeon; to escape and return himself to his former glory, he must destroy 96 evil warlocks, 12 on each level. In some rooms there are strange symbols on the floor which, if Mervyn moves over them, can be used to weave spells, reveal maps or destroy the enemies in the same room.

The rooms vary; some are quite large, others are little more than tunnels. Each is shrouded in darkness till Mervyn enters it for the first time – then light floods in to reveal the contents of the room.

To kill the warlocks, Mervyn must find them and then move into the same space. This takes the player into a subgame, which features the letters R-A-N-A-R-A-M-A jumbled up. The player must sort them into order by taking a pair of letters at a time and exchanging the positions of the two letters – within a time limit. Losing the battle means losing spell power – or even death.

If you win, then the warlock leaves some magic runes, which

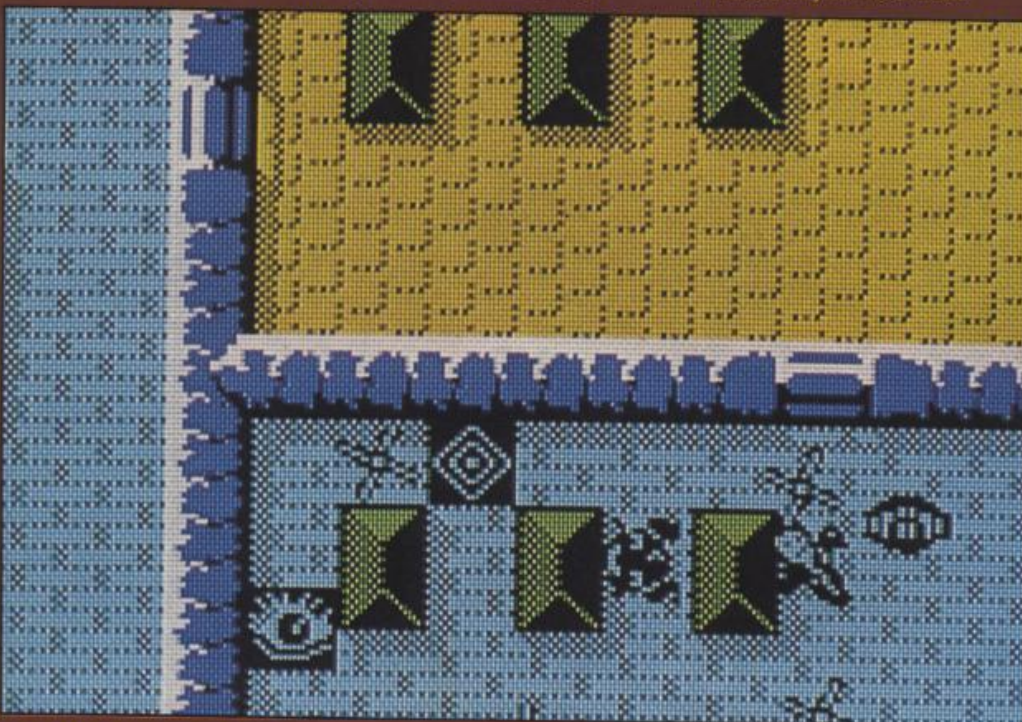
must be collected quickly lest their power wane and disappear. The runes can be converted or exchanged for parts of spells or strength in battle.

There are four types of spell available, and each has eight levels of potency. As Mervyn progresses through the eight levels of the game, he meets more powerful adversaries and so needs an increased spell strength. Using spells saps energy, as does contact with evil Warlocks and their guards. Fortunately for Mervyn, he can increase his strength with energy crystals and by exchanging runes for power spells.

*Ranarama* is a novel variant on the *Gauntlet* theme, and arguably



► Hey, this is no way to *Ranarama*! Whaddyathinklam, somekindofa frog?



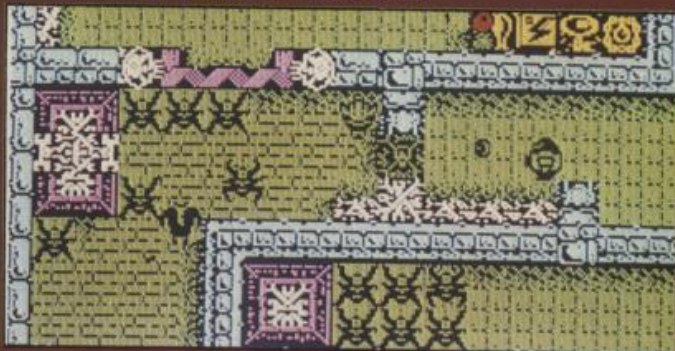
## DANDY Electric Dreams

**RICKY** ■ Electric Dreams lost to US Gold in the battle for the official *Gauntlet* licence. So they decided to go one better and buy the rights

to *Dandy* – the game which inspired *Gauntlet*.

*Dandy* goes down to the simplest elements of a *Gauntlet* game – the object for our two heroes, Thor and Sheba, is to penetrate deep within a series of dungeons, collecting as much treasure as humanly possible and avoiding the hordes of evil spiders.

► The grandDandy of them all, from Electric Dreams



the best of the bunch. It seems to me a *better* game than *Gauntlet*.

It's graphically good, and the animation of the small characters is acceptable. I particularly like the way the rooms don't appear onscreen till you enter them for the first time; the subgame is also an interesting development, and gets quite frantic at times.

*Ranarama* is worth buying, even though it's a bit derivative of the arcade machine – it has better gameplay and more ingenuity than the other *Gauntlet* clones.

**RICKY** ■ I couldn't agree with Robin more – *Ranarama* probably tops the lot because it's such a *busy* game. It's not a straight copy, and goes beyond *Gauntlet* with rune-casting, spells and a host of other features. Its atmosphere conveys a true sense of adventuring, because the rooms aren't revealed till they're entered. If you haven't played *Ranarama* yet, check it out.

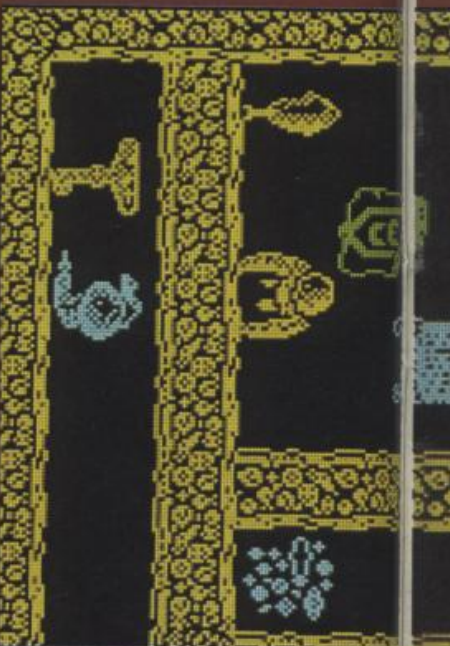
## HOW TO BE A HERO

Mastertronic

**ROBIN** ■ *How To Be A Hero* comes in three distinct parts: Egyptian Tomb, Space Station and After The Holocaust.

In the Egyptian Tomb your hero has to escape after locking himself in, the silly fool – and the museum he works for wants 24 artefacts from this tomb. Of course you can concentrate on escaping, but it would look a bit cowardly if you returned empty-handed.

Once out of the tomb, being the trainee superhero that you are you miraculously appear on a spaceship where you are the sole survivor of some disaster. This ship has gone off course and is hurtling through space. For the more cowardly adventurers there's an escape craft; the brave can attempt to repair the doomed





To combat these dreaded foes, you can find spells which make your character so potent that he/she can rid the entire screen of adversaries – the 'smart bomb syndrome'.

Graphically, *Dandy* is remarkably colourful and moves well, though the action can slow down when a lot is happening onscreen. And *Dandy* may have a great deal of simple appeal – but I found it didn't hold my attention for as long as long as *Ranarama*, say, probably because of the little variation in gameplay.

CRASH's original ratings seem a bit over the top when you compare the game with today's *Gauntlets*, but do try to get a look at *Dandy*.

**ROBIN** ■ Colourwise *Dandy* is an excellent game – the graphics are well-defined, and the screen doesn't get cluttered up with nasty attribute problems. There are exciting one- and two-player options. Overall it's a good game.

spaceship.

In the final stage, you're an army officer in a mutant city and must find 24 pieces of a vital document. To return without them would mean a court martial. As in all the other levels there are nasties out to stop you – and your only defence is a super zap gun specially designed for heroes.

The graphics on *HTBAH* are big and bold, but the aliens flicker annoyingly. The gameplay is only average; though there are three distinct levels, the game is essentially the same in each.

I find *HTBAH* boring and repetitive as *Gauntlet* games go.

**RICKY** ■ Big, pretty and dull. The main problem is the oversized maze, which is too large for excitement. The decaying pineapples are quite amusing, but the novelty wears off quickly – like the rest of the game. *How To Be A Hero* is above the standard of *Storm*, but only marginally.

► Mastertronic's *How To Be A Hero*: beautiful but dumb?

## INTO THE EAGLE'S NEST Pandora

**RICKY** ■ For a first release, from Interceptor's offspring Pandora, this was pleasantly surprising. The main attraction is the graphics: large and very stylish, with the emphasis on the way light falls on the characters and their surroundings.

The Eagle's Nest itself is a huge fortress – you've been ordered to rescue captives held within its walls and then blow it to smithereens. But the enemy aren't going to let you just walk in and do the job – there are hordes of soldiers, all armed and all to be defeated.

The eponymous castle is divided into four levels and seen from overhead, in the familiar *Gauntlet* fashion. Each level is a



maze of corridors and rooms, littered with ammunition (you can also find treasures to boost your

score).

*Into The Eagle's Nest* is the most graphically pleasing of all the clones, but when you're a bit fed up with looking at it the actual task can become tiresome, especially as you usually die rather quickly.

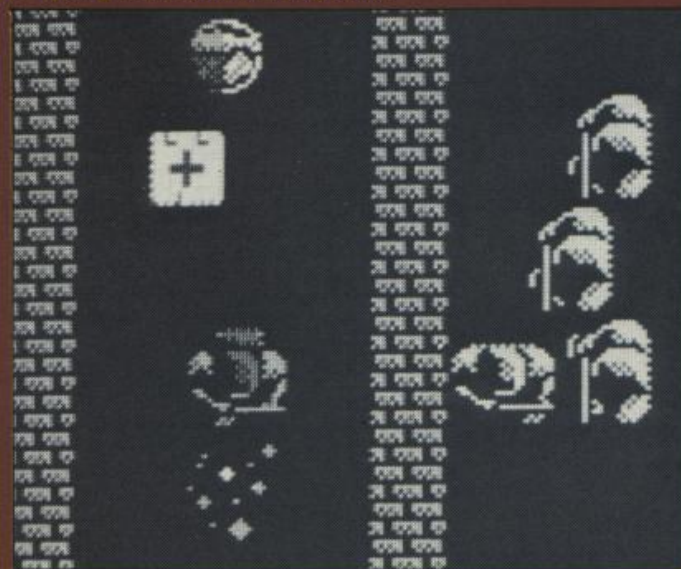
If you want a *Gauntlet* game that can be mapped easily, then *Into The Eagle's Nest* offers something, but maybe it's priced a bit high for what it is.

**ROBIN** ■ Writing this feature was the first chance I got to see *Into The Eagle's Nest*, and I was impressed. The graphics are very good, more spectacular than those in other games of this ilk. And gameplay can be fast and furious.

There's a strategy element involved in determining when you're going to collect supplies which are not replenished, such as a medical kit.

The only real drawback of *Into The Eagle's Nest* is that it grows monotonous. If this were a budget game it would be worth buying – but you can buy a better *Gauntlet*-type game for this money.

► Opening Pandora's box: *Into The Eagle's Nest*

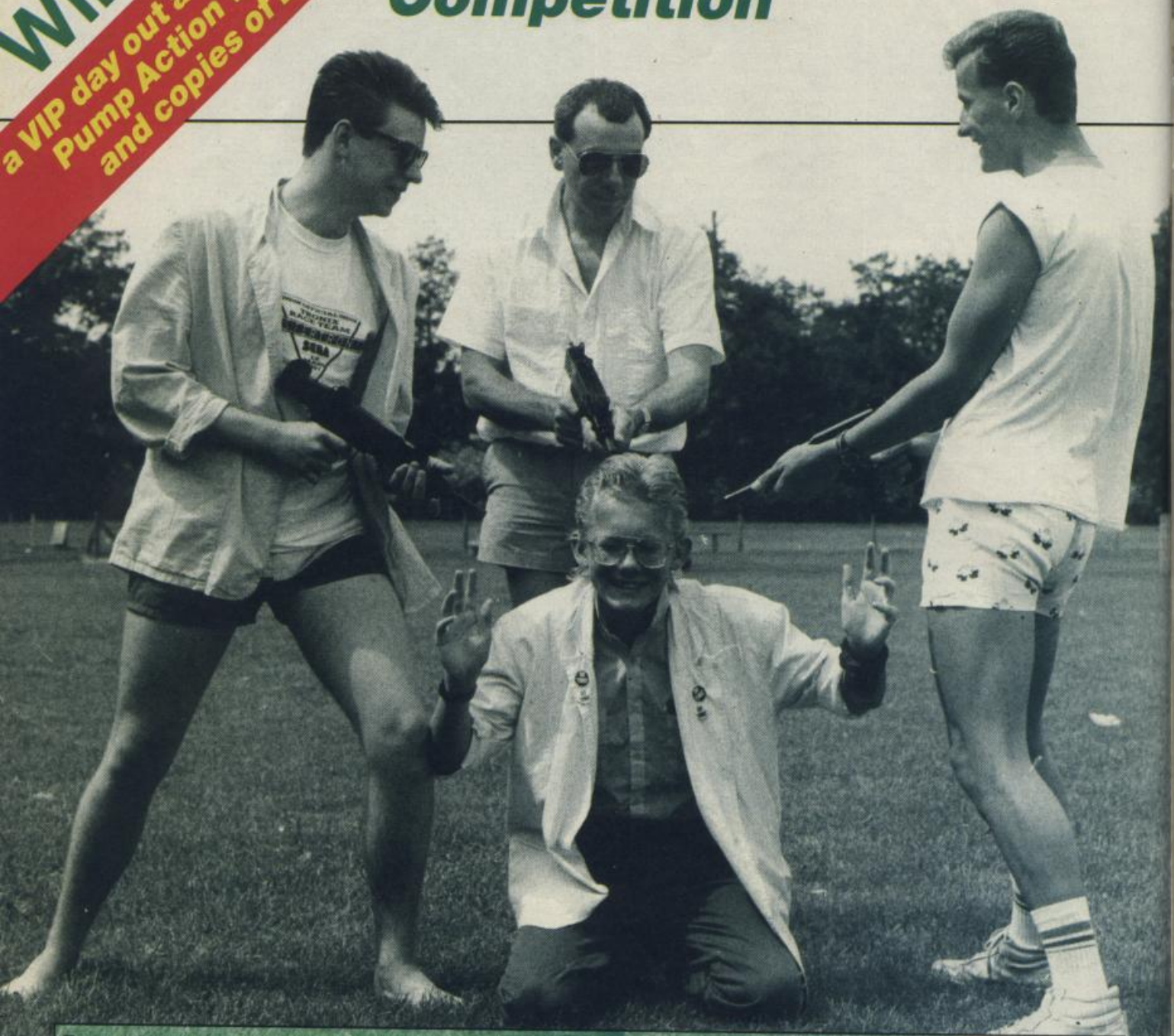


GAME	SOFTWARE HOUSE	PRICE	THE REVIEW	OVERALL THEN	OVERALL NOW
<i>Gauntlet</i>	US Gold	£7.95	37 (February 1987) page 16	92%	89%
<i>Druid</i>	Firebird	£7.95	35 (December 1986) page 146	90%	88%
<i>Ranarama</i>	Hewson	£7.95	38 (March 1987) page 108	90%	92%
<i>Into The Eagle's Nest</i>	Pandora	£8.95	39 (April 1987) page 109	82%	70%
<i>How To Be A Hero</i>	Mastertronic	£2.99	40 (May 1987) page 111	70%	56%
<i>Storm</i>	Mastertronic	£1.99	34 (November 1986) page 20	44%	39%
<i>Avenger</i>	Gremlin	£9.95	36 (January 1987) page 173	85%	85%
<i>Dandy</i>	Electric Dreams	£7.95	35 (December 1986) page 145	84%	72%



**Crash Competition**  
**Win**  
a VIP day out at the PCW Show  
Pump Action Water Rifles  
and copies of EXOLON

in our **CRASH/HEWSON**  
**EXOLON**  
Competition



To celebrate the blasting success of Hewson's latest CRASH Smash, **Exolon** I was elected to think of a suitable competition prize. Since the particular day this task befell me had been one of utter frustration caused by the antics of the CRASH reviewing chimps, and I felt like shooting the lot of them, I suggested to the lovely Julia at Hewson that she might send me some guns – and she did; four UZI UZ/5 repeat pump-action water guns capable of firing a

pressurised jet up to 30 feet (no mean feat), or ten metres for the metrically-minded.

As you can see in the pictures the CRASH lads got a bit carried away, running around the park squirting the Ludlow holiday-makers screaming, 'Remember the Alamo!' (which of course none of them do).

Anyway, looking at the pictures afterwards, the one of young Mike 'Skippy' Dunn, ambushed and forced to his knees, inspired me to think of

some lovely captions – I wonder whether you can think of some better ones than I have? If you can, then you might get to own one of the pump-action water guns, or win a copy of **Exolon**.

But the person with the very best caption in my humble opinion, will win a fabulous VIP day out with Hewson's Julia Coombs at the Olympia PCW Show (between 25 - 27 September). There'll be Hewson and CRASH goody bags, as well as a tour around the show. On top of that the winner will receive one of the water guns and a copy of

**Exolon**. Three runners up each get a water gun and a copy of the game, and a further 20 runners up receive a copy of **Exolon**.

Take a close look at the main photograph, think up a suitable caption (of no more than 20 words) and send it in on a postcard or the back of a sealed envelope to **EXOLON COMP, CRASH, PO Box 10, Ludlow, Shropshire SY8 1DB** to arrive no later than 27 August. Don't forget your name, address and phone number (so Julia can phone you to make the arrangements!)

The Compa Minion would like to say 'Naa booi' to Mark Kendrick from 'art' who sulked all day after being squirted.  
Thank you.

**How would you FEEL WITH A SIX SHOOTER IN YOUR REAR? - MARKIE!**



THE COIN-OP CLASSIC

# LAST MISSION



## A TEST OF VALOUR TO CHALLENGE THE MOST OUTSTANDING ARCADE SPACE FIGHTER



Driven from your home galaxy your only path back to ending your exile and reclaiming your honour lies in defeating the invading forces that torment your people. Armed with the most sophisticated weapons systems, guarded by a protective forcefield, you set out on a mission to conquer the enemy starbase, a crusade against the most startling of death defying odds. The ultimate in firepower is at your fingertips, the pinnacle of spacecraft control and command is within your grasp. The strategy and excitement only ever associated with arcade settings is recreated for your very own personal mission. A coin-op classic of immense proportions.



CBM64/128 £9.99 Tape £14.99 Disk Spectrum 48/128 £8.99

U.S. Gold Ltd., Units 2/3 Holford Way, Holford, Birmingham B6 7AX Tel: 021 356 3388



Love  
Denise Roberts



**ELITE'LL SUBSCRIPTION OFFER?  
WHEN YOU  
ADVANCED  
NMENT MAG OF  
CRASH!**

**FAB  
OFFER  
FREE  
GAMES**



## BOMBjack & BOMBjack II

Capcom's *Bombjack* duo are a respected pair. The original received a CRASH Smash at 92% last year while its sequel won 71% this April. Essentially they're platform games for superheroes with a boing in their step. Bound around the many levels collecting treasure and defusing bombs!

## TRIO

Three new games for the price of none! Elite's new *Trio* pack gives you three chances to bust your joystick. There's *Airwolf II*, the sequel to the Smashed original. From a Talto licence comes *Great Gurianos*, a beat-'em-up with huge graphics. And there's also *3DC*, an isometric perspective game set in the depths of the murky ocean. Read the full review on page 18 of this CRASH!

## PAPER BOY

The official Capcom conversion won acclaim with an excellent rating of 88%. Since then it's been riding high in the CRASH popularity charts every month. Steer your paperboy through the mean streets and make sure the papers get delivered to the right houses – and watch out for cars, bikers, runaway tyres and the occasional C5 that hurtles down the course.

## SIX PAK

By some freak of nature the *Six Pak* contains seven games! But there's nothing to complain about when you can get hold of a compilation with such a superb collection of software – including two Smashes! There's (take a deep breath) *Scooby Doo* (91%), *Fighting Warrior* (73%), *1942* (63%), *The Sacred Armour Of Antiriad* (89%), *Jet Set Willy II* (61%), *Split Personalities* (90%) and *Duet* – previously unreleased, it's the unofficial and fabled *Commando '86*!

## DEAR GURU DENISE

You do have a way with words – not to mention special offers. How can I resist whatever it is I can't resist? Well, I can't, can I? That's enough unanswerable questions (or is it?) – I'm giving in and enclose my cheque/postal order for £15 (£22 outside mainland UK) made out to **NEWSFIELD LTD**, for 12 issues of CRASH, and await the free game I've ticked.

(I know that if I'm already a subscriber I can't get a free game – but I just might buy one of the Elite hits from CRASH Mail Order at a reduced price!)

Please tick the appropriate box:

☐ I enclose £15 for a new CRASH subscription in the UK

☐ I enclose £22 for a new CRASH subscription (abroad)

**I'D LIKE SOME FREE ELITE SOFTWARE TOO (tick one):**

☐ *Trio*

☐ *Six Pak*

☐ *Paper Boy*

☐ *Bombjack & Bombjack II*

☐ I enclose £15 because my subscription runs out soon, so please extend it, starting with Issue  . My existing

Subscription Number is

☐ I enclose £22 because my subscription (abroad) runs out soon, so please extend it, starting with Issue  . My existing

Subscription Number is

Name

Address

Postcode

PLEASE DEBIT MY VISA/ACCESS ACCOUNT £

I wish to pay by Visa/Access (delete as applicable)

Name (please print)

Cardholder's Address:

Signature  Expiry Date

Please Charge My Account No:

This offer is subject to availability and closes on 27 August 1987

**SEND THIS FORM TO: GURU DENISE, CRASH SUBSCRIPTIONS DEPT,  
PO BOX 20, LUDLOW, SHROPSHIRE SY8 1DB**

**BLOCK CAPITAL  
PLEASE!**



# FANZINE FILE!

By ROBIN CANDY and  
BARNABY PAGE

## BIRMINGHAM

### TWO SURVIVORS?

**Journal** and **Wizz**, both previewed in the last FANZINE FILE (Issue 38, March), are products of the same Birmingham minds: Perry Stephen Buck (Editor of *Journal*, contributor to *Wizz*) and Simon Jones (Editor of *Wizz* and contributor to *Journal*).

*Journal*, which has recently obtained sponsorship from Barclays Bank, is printed by litho offset with an impressive photocopied cover by Lhea Barrett, while all of *Wizz* is photocopied. Both are A4 (like *CRASH*).

The contents are similar, too: such favourites as letters pages, lots of reviews, previews and film reviews.

But both have original features. *Journal* has PBM and heavy-metal columns, and a free poster promised for the current issue (4), while *Wizz* has its own comic-strip character, Megga Martin.

One of the biggest problems with fanzines is picture reproduction – all too often, screen shots of games fade into a black mass. But *Wizz* has clear



► Publishing software and mags: Perry Buck of *Journal* (left) and Simon Jones of *Wizz*, both from Birmingham

cleanly.

The layout of both is simple and neat, with *Wizz* edging slightly ahead – though, like many fanzines, it is a touch derivative of *CRASH* (well, imitation is the sincerest form of flattery).

These are two of the best fanzines we've read, though it seems half of them is devoted to plugging the editors' software labels: Perry Buck's Spotlight Games and Simon Jones's Median-droid. *CRASH*, of course, would never mention a software house gratuitously. Thalamus.

*Wizz* recently went down from 40 pages at 55p to 24 pages at 30p – at the higher price it was 'contending too much with mags such as *CRASH*', according to Editor Jones. It's available from Simon Jones at 285 Melchett Road, Birmingham Factory Centre, Kings Norton, Birmingham B30 3HN.

Subscriptions in the UK are £7 for 12 issues and £4 for six issues (write to *Wizz* for overseas rates); cheques should be payable to The Megga Enterprise Group.

*Journal*, which costs 50p an issue, is available from Perry Buck, 19 Hawkesley End, Kings Norton, Birmingham, B38 9SQ. Subscriptions are £4.50 for six months, £9.50 for 12 months, including p&p. Payment for single copies should be sent with a 24p stamp; cheques and POs should be made payable to The Spotlight Group.

pictures, though it's photocopied. *Journal*'s illustration consists mostly of line drawings, much easier to reproduce

## DOVER

### BLACK BLOBS – LATEST REPORT

Produced on A4 paper with a coloured cover, the monthly **Spectacle** (from the port of Dover in Kent) is one of the most attractive fanzines we've seen – and moving spirit Paul Bowman was already working on the seventh issue when we wrote this in late June.

Screen reproduction is reasonable, with only a few photographs appearing as black blobs. The layout of the reviews is very professional and interesting.

But apart from the cover there's little illustration, which leaves some pages looking a bit blank.

Reviews make up the bulk of the magazine – both full-page reviews of new releases and minireviews of 'oldies' (certainly a good idea).

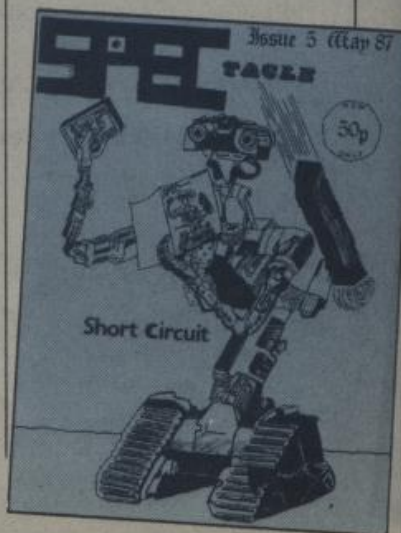
The main reviews are marked on a scale from 1 to 10 in four of the usual categories – Graphics, Sound, Playability and Value – with an Overall mark at the end.

But the comments aren't detailed enough, and the ratings, given as bar charts, are difficult to decipher.

*Spectacle* also includes tips, cartoons, competitions and previews – and goes beyond the Spectrum to fea-

ture video and records, though the issue we saw stuck to track listings rather than criticism.

Single copies cost 50p plus a stamp, and a year's subscription costs £5. Write to Subscription Offer, *Spectacle Magazine*, 20 Monins Road, Dover, Kent CT17 9NX.



Readers and software houses are wary of fanzines. They're afraid that the latest homegrown **CRASH** asking for review copies doesn't actually exist, or that the fanzine they've just subscribed to will fizzle out after a couple of issues.

(Buy 'em by all means – but don't send off pounds and pounds and pounds till the fanzine is established, many months old.)

So perhaps we need fewer, better, more regular fanzines, as Jeffrey Davy of *The Bug* argues in this month's NEWS INPUT feature (news starts on page 10). That article looks at how a back-room rag can become the software trade's biggest controversy since, oh, last week.

But don't forget: fanzines are about writing and designing as much as reading. And while we're highlighting the better-written, better-looking jobs (incidentally, nearly all fanzines look better than they read . . .), it's good that so many thin, handwritten ventures still turn up at the Towers. Great oaks from little Spectrums, etc.

And competition is healthy. True, that is what they all say . . .



# IMPACT



SUGAR, SPICE & EVERYTHING NICE  
THIS IS WHAT LITTLE PRINCESSES  
ARE MADE OF

## COLCHESTER FORWARD THRUST

**IMPACT** certainly lives up to its name – and it's our favourite fanzine this month. Run by Mat Johnston, Matt Clayton and Kirk Weddell, it's produced to an astoundingly high standard with some excellent artwork.

The screen shots have lost some detail, but the illustrations – cartoons and little symbols for the ratings – more than make up for that. There's a hard-hitting logo, too: rough brick walls, nails and shreds of paper spelling the fanzine's title.

It seems to be typed on an ordinary typewriter, so there are no special type-faces, but it's clear enough.

Games are marked out of 100 in seven categories – Graphics, Animation, Sound, Content, Addictive Qualities, Presentation and Value For Money – and given an overall rating too. Adventures have Vocabulary and Atmosphere marks too.

The ratings system is explained on a cleverly devised pull-out page which

you can consult while going through the magazine.

Good games are given a Blaster, and the very best are awarded the Master Blaster accolade!

**IMPACT**, which sells about 150 copies each issue, also has competitions, arcade features, tips, cartoon strips and reviews of old favourites (the Reverse Thrust section).

It's all very intelligently done; the features are well-written as fanzines go, and there's even an apology to software companies for not reviewing everything. And 34 pages of A4 at 40p an issue represents excellent value for money. This fanzine deserves to survive.

**IMPACT** has been off the scene awhile – 'exams', as they say in Fleet Street – but Issue 3 should be out this summer. It's available from **IMPACT Publications**, 94 Rainsborowe Road, Colchester, Essex CO2 7JS. Send 40p and a stamp for the latest issue.

## CUDHAM

### BUT WE'RE NOT FINISHED YET

The doodled cover of **Restart** doesn't promise much, but inside the layout is excellent – and consistent, which makes the magazine look professional.

This fanzine's reviews all follow the same format: half-page affairs with a picture and a ratings box (Graphics, Playability, Value, Sound, Overall). Most of the screen shots have been reproduced quite well.

**Restart** is basically a review magazine, with a brief tips page and the

odd feature. But right at the end of the mag is a page (Beyond The Specky) dedicated to film, video and books reviews. And **Restart**, on just its second issue, plans to expand with a letters page.

Issue Two costs 20p plus a stamp, and it's available from 40 Downe Avenue, Cudham, Kent TN14 7QX.

By the way, would **Restart**'s editor(s) please let us know who he/she/they is/are, sometime/soon?

## SALTBURN

### THE GREAT LEAP FORWARD

**Sinclair And Commodore Monitor** was featured in the last FANZINE FILE when it made the great leap from handwriting to typewriting. Since then it's been expanded and is now called **J.S.** It's based in Saltburn, on England's north-east coast.

Former Editor Huw Lippiatt did away with the all-computer format in favour of a much more general magazine, and then relinquished the hot seat to Jad Smith.

The contents page makes **J.S.** look like a good, wide-ranging mag, but really sections like the pop slot and Cookery Course are excuses for school-boy humour which isn't amusing or interesting.

The magazine seems to be a risible rip-off of *Viz* comic, which is funny because it's so outrageously tacky – but weak imitations don't work. **J.S.** would be better if the writers paid more attention to the readers.

But the computer section stands out, written with much more conviction than the rest – though it would be nice if somebody proofread the articles, or even used a dictionary.

The photocopying is reasonably clear, but once again photo reproduc-

tion is poor. The pages are enlivened by cartoons which pop up everywhere. **J.S.** is available at 40p a copy from Glenholme, Albion Terrace, Saltburn, Cleveland TS12 1LT.



**THERE'LL BE** another FANZINE FILE soon (hollow laughter) – and later this year we'll look at the practical aspects of producing your own magazine. If you've got a fanzine, new OR established, send it in (with some details and, if possible, a phone number so we can contact you – the number won't be printed).

We'd also like to hear from you if your fanzine has closed down or it's met money problems – that sounds depressing, but then life ain't no bed of roses. Seriously, we'd like to get the inside story on the hassles of fanzining. Absolute confidentiality assured, as in all the best scandals.

Write to:  
**Fanzines, PO Box 10, Ludlow, Shropshire SY8 1DB**



FR

NTLINE

with Philippa Irving



# MURDER? SHE ASKED



A perennial question of wargaming is whether it's morally justifiable to make a game out of the mass destruction of human life. We first have to ask whether there can be an absolute objection – 'wargames are wrong, judged by an external standard' – or whether it's a matter of individual feelings.

Curiously, it's easier to ignore the moral question altogether if we accept that wargames could be absolutely wrong. All wargames, from Ancient Rome to nuclear war, would be equally wrong because they make a game out of people killing each other. One could then choose to say that if all wargames are equally bad, modern settings are no more offensive than games which depict ancient wars. But people are generally reluctant to admit the logic of this, in their hearts anyway.

The conspicuous thing about most historical wargames is that they don't take sides, or at least not within the game itself. Many offer a chance to play either side of the fence, and those which don't usually don't because of memory restrictions.

Wargames which do take a position are normally the ones which raise objections, and this is fair enough, particularly when the war in question still effects us.

It wouldn't matter much if a game condoned the Romans in their war with the Carthaginians, but when American software houses produce propaganda about Vietnam it's time to feel uneasy. Politically slanted wargames represent one side as morally justified; unbiased wargames allow the player to make his own judgment.

## DARK EMPIRE

Producer: Lothlorien  
Price: £9.95

Many letters in FRONTLINE FORUM express an interest in fantasy wargames. These can bridge the reality gap, the feeling of dissociation from the subject matter which can alienate strategy gamers from the historical setting of a real war.

And while a real war can never fit into the artificial constraints of a game, no matter how clever the system is, a fantasy war can be tailor-made for computer-gaming. So it can be a slicker piece of software.

*Dark Empire* certainly is. Its scenario doesn't make many concessions to realism, even fantasy realism. It's set long, long ago, on a planet far, far away... where there is a world which resembles a conglomeration of modern paranoid fears about totalitarian regimes.

The people of this planet think they're leading normal lives. The outside universe certainly thinks all is well there. But the population is controlled and manipulated by an 'evil alien force', the Dark Empire – and so successfully that the oppressed multitude couldn't communicate with the outside to

ask for help, even if they were aware they needed it.

Despite this, for reasons not explored by Lothlorien, the Deep Space Authorities got to hear about it and dispatched a Liberation Task Force, presumably to impose their own benign rule on the planet.

The action takes place across the planet's continents and oceans. As usual in long-range wargaming, single units represent armies or fleets; and battles, instead of being played out in tactical detail, are fought on contact with enemy units.

There are two maps. One gives a large-scale overview of land masses, cities and deployment of units. The other zooms in closer. The landscape is totally blank, so terrain doesn't enter into *Dark Empire*; the style and speed of the gameplay would make such a refinement cumbersome anyway.

The presentation is immaculate. The front end of the game allows the player to load a previously-saved game or create a new one. If you choose the latter option, the program leaves you waiting for minutes while it randomly generates a new set of continents. To reassure the impatient that there's still someone there, the game counts to itself. Sometimes

the process is quite quick, and it only gets up to 300. Sometimes it goes above 1,000. I have no idea why. But this is certainly one way of creating suspense.

Pressing a key brings up a detailed map with beautifully-designed counters. The first thing to do is enter the break-in menu, which has an impressive range of options. As usual you can redefine the control keys, and you can also change the onscreen colours and alter some elements of gameplay.

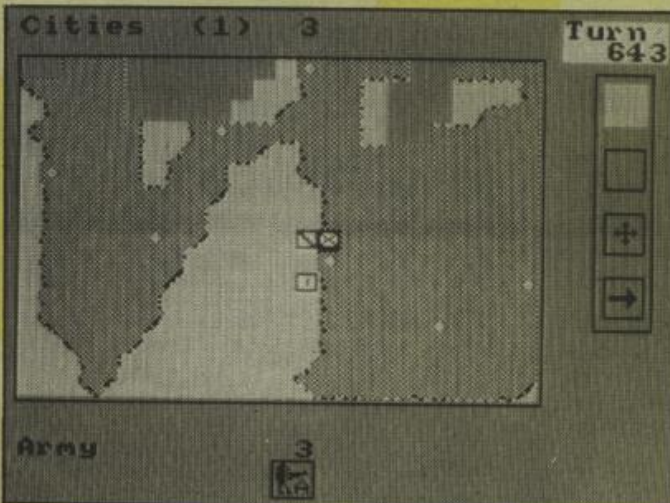
But beware: some apparently optional extras in this menu (like the display of your strength in units) seem rather essential, and

you might find yourself playing a shorn version of the game without realising it.

And it's odd that you have to be into the game itself before you can start altering these parameters; still, you can juggle things about easily at any point.

The break-in menu also acts as a kind of unofficial pause mode, for *Dark Empire* is played in real time. (The absurdity of imagining that armies and fleets can be moved around an entire world in real time is symptomatic of the

► Strategy is hell in *Dark Empire*





game's artificiality.)

The object is simply to capture cities. Each continent is peppered with cities, some of them ports, and all are named; but this provides temporary atmosphere only. Because of the random regeneration of the world at the start of each game there's no point in mapping.

Discovering the map is part of the gameplay, in fact; you start out in possession of a single city, one army and a transport fleet, and can see only a tiny fragment of the surrounding land and sea. Moving units out into the unknown lights up the darkness, revealing new land masses, cities, and eventually enemy units.

When a city is under the player's control, it can join his war effort. Inland cities manufacture new army units, and ports can turn out naval units. There are no resource points to worry about, but it takes cities a while to round up an army or turn out a fleet – and time is the currency in this game. At the side of the map a counter ticks away the seconds, so nimbleness in manipulating the cumbersome movement system is important.

The units are controlled by icons. You can set an army trundling off in a specific direction, or tell it to make for a particular point. But the routine isn't intelligent enough to allow for

corners and other obstructions, so guiding the units around the contours of the continents can become a wearisome catch-it-if-you-can. And of course you can only deal with one unit at a time, so when the game really gets under way there can be over 50 units doing nothing in the meantime.

Though most of the important business takes place on land, there's only one type of land unit. In contrast there are five different naval units, including submarines, destroyers, and transports for ferrying army units. The transports have a well-defined function, and can carry up to three army units. But though there are probably interesting parameters at work under the surface, it's difficult to see how attacking with one kind of ship or another makes much difference.

And because there are virtually no statistics attached to the units – just a lame indicator of strength – there's no scope for intelligent decision-making. To capture cities, you have to throw one army unit after another upon them, in single file, till they fall.

It seems complicating factors like statistics have been excluded to keep the gameplay fast and simple, but we're left with a piece of software which looks more like a conventional cardboard-counters boardgame than anything I've

seen recently – and yet plays nothing like it.

After taking over a few continents unopposed, you meet the enemy. Then the game begins to degenerate into unplayability – there's simply too much going on at once for the two-handed, single-brained player to cope with.

You can easily capture 25 cities or so before you meet the enemy, and if you set those cities on continuous production (from the break-in menu) they'll happily churn out more units than you could ever get to the front line.

But because the ships are so difficult to manoeuvre, the player is likely to find himself engaged in a war of attrition – the attrition of his nerves.

And that's the fundamental flaw of a game which looks very attractive at first. Even at the slowest speed (there are three to choose from) it's impossible to maintain more than superficial control. The graphic design is exemplary – smooth scrolling, nice-looking units and easily-accessed options. But the real-time element defeats the purpose, and though it's addictive at first, disillusionment and nervous tension soon take over.

There are some odd bugs, too. For instance, the instructions mention aircraft and aircraft carriers, which don't appear in the

game. *Dark Empire* is a slick piece of programming, but maybe it wasn't properly playtested.

This is too much of a hybrid game – interesting and impressive in some respects, but ultimately too unwieldy to be entertaining.

## PRESENTATION 90%

A wide range of options always available, professional appearance, and even some decent scrolling!

## GRAPHICS 85%

More wargames should look like this – the unit 'counters' are beautiful

## RULES 55%

Just the back of the inlay

## PLAYABILITY 49%

At first it's addictive, but after a while the game gets out of control

## OVERALL 60%

Initially exciting, but fundamentally flawed

# APOCALYPSE

Producer: Infogrames

Price: £9.95

*Apocalypse* seems to have a worthy pedigree – according to the instruction manual, it first appeared in 1983 on the Red Shift label. It's quite difficult for me to give a fair judgment of this one, because it's a two-player game only.

The full title is *Apocalypse – The Game Of Nuclear Devastation*, but the concept is more abstract than the specific settings suggest. The main program is a framework for four maps on different scales: Europe, the Caribbean, Britain and London. There are four scenarios of this kind, and the rulebook promises an expansion set with 'star systems' and 'Nether Earth'.

But there's little variety in the gameplay. On the European map you can move across entire countries and capture capital cities, the British map scales things down and lets you fight for the privilege of owning Liverpool, and the London map gives you the chance to take over Wimbledon and Games Workshop!

Essentially, the players form from two to four empires, which can be given their own names; each empire then attempts to bring the whole map under its control, whether that's all of Europe or just London. The empire centres – cities and important districts – are distributed equally among the empires at the start of the game. The player can choose his own, or let the computer

allocate them randomly.

Each location has a revenue value, and the total revenue value of each empire's territory represents how much the player can spend on divisions, warships and nukes each turn.

The turn system is quite complex. The game gets under way with a deployment phase, where the players buy forces and position them around their empires. The phase which follows allows four subtly different methods of movement; irritatingly, forces can go only one square at a time, and nuclear missiles, once deployed, can't be moved at all.

Units are not represented in the traditional pictorial fashion. Instead, the empire which controls each location square leaves its own symbol in the square, and the forces deployed there are indicated in a businesslike way by numbers. This does nothing for atmosphere, but it stops the map getting cluttered.

There are really two maps – an overview to move the cursor about, and a scrolling close-up in a small window where you can examine each location. This works well, though it looks dated.

Combat occurs when one empire tries to occupy another's territory in the movement phase. This is only allowed if the attacker mobilises enough divisions, so kamikaze attacks aren't possible! There are different types of attack, and it seems the success of an attack depends largely on how much defence the opponent offers.

The genocidal player can choose not to bother with this sort of thing and launch a nuke instead. Predictably, this causes widespread devastation, indiscriminately destroys forces in the locations surrounding the target, and permanently reduces the revenue value of the affected area.

The instructions warn against nuking, but the advice isn't so sharply brought to life in *Apocalypse* as in, for instance, *Theatre Europe*. There's no instant overretaliation from the computer, merely the possibility of annoying your human opponent.

*Apocalypse* is an odd blend of realism and fantasy. For a start, you're required to choose your millennium. You pluck a date out of thin air – and of course it bears no resemblance to real history and makes no difference to the game.

If you let the computer select empire centres for you, the result

is an impossible intermingling of power bases which, despite the realistic maps, makes the game look abstract from the start. *Apocalypse* lacks atmosphere because of this conspicuous 'gamishness'.

But *Apocalypse* has some meat. Though the scenarios are really only different maps, they add the imaginative scope which many games lack. And the very fact that *Apocalypse* has been designed for expansion is impressive, though the necessity of having at least two players limits its appeal. It looks slightly old-fashioned, but it's well enough programmed (don't press BREAK, though!).

There's no point giving ratings to a computer game which doesn't function like other computer games, but I'd recommend *Apocalypse* as a good buy to those who are certain they'll have someone else to play it with.

## ► Aggressive empire-building in Infogrames's *Apocalypse*





# FRONTLINE



## FORUM RATIONS FOR RATIONALITY

Dear Philippa

Your perseverance in trying to define strategy games gives me food for thought. Most board wargamers are interested in strategy games as well – that is, strategy games that are not

wargames, or strategy games that do not require boards. I would contend, therefore, that the common denominator of these types of games is the strategy element, and so a blanket term that would cover them all is

'strategy games'.

Strategy involves the formulation of a plan in an effort to achieve a specific goal. One of the most enjoyable aspects of wargaming is that this plan must be continually updated in response to the opponent's moves. Now if your opponent is unintelligent, takes aeons, and refuses to make the coffee when it is his turn, you wouldn't find it enjoyable to play him/her.

This is why playing against computer opposition is so poor – the game designers realise you'll easily outthink the program and they compensate by giving the computer vastly stronger forces, better positions etc.

Strategy games also involve a series of trade-offs. You don't have the resources to be strong everywhere, so you must decide where to be strong and where to be weak. This is the element of decision-making. In games there are big decisions ('shall I invade Poland?') and little decisions ('shall I make this unimportant attack with aircraft, or without?'). There are policy decisions – some are major ('I won't use my helicopter units till later on, in an effort to preserve them for the break-out'), and some are minor ('I'll always leave a unit in my capital, just in case!'). There are also tactical decisions, and subtle questions of 'balance' – this is an abstract concept which separates the wheat from the chaff.

A strategy game must also have a rigid set of rules; they cannot be open-ended, and there must be a clearly-defined set of objectives. The best strategy games have a number of victory conditions and players can choose their goal in line with their strengths and weaknesses.

There must also be an element of conflict. Who wants to play a space exploration and colonisation game, for example, where all the contacted races are friendly and extend warm invitations to exploit their resources?

The next category is the one where computer games pale into insignificance compared to some

boardgames and wargames. A good strategy game should have a feel for its subject. Napoleon should be really hesitant about committing the Old Guard to attack, because any minor setback would have drastic repercussions on the whole army. This feel cannot be injected by a sledgehammer rule like 'if the Old Guard retreat all army morale falls by 50% therefore the game ends'. That would reduce the complex interactions of units in combat to a clinical level – the end result may be approximately right, but the atmosphere is lost in the process.

Using the criteria above, it is possible to reject some games which are not strategy games. *The Great Space Race* was mentioned in your article as being strategic because it required decision-making. It could be argued that this game, like many adventure games, does not meet this criterion.

Decision-making implies that there must be a choice of options. In games these must be real options. If a message comes up on the screen 'You are in the blasted forest, do you want to go east or west?' this is not a real choice. There is no reason why you should go one way rather than the other – but there must be reasons other than whim.

On the other hand, the choice must be a balanced one. If you are told 'you can put your head in the fire if you want to', no-one who is sane would regard that as a balanced choice. *The Great Space Race* falls down because of the meaningless nature of the game.

Pat McCarthy, Bootle

What you identify, very astutely, are the essential ingredients of a GOOD strategy game. It seems, though, that most strategy games on the market miss out at least one of your criteria. What makes *The Great Space Race* amusingly awful is that it misses out all of them! Anyway, Pat, you win this month's £20 worth of software...

PI

## THE CRASH STRATEGY CHART!

Here it is folks, the chart you've been waiting for (your chance to engage in some strategic voting). Let us know your favourite five strategy programs, and enter a draw for £20's worth of software and a fabulous CRASH T-Shirt. Five runners-up will also receive a T-Shirt, so post those coupons today.

The following are my five favourite strategy games in order of choice...

1. ....
2. ....
3. ....
4. ....
5. ....

Name .....

Address .....

In the unlikely event that I win the £20's worth of software, I would like the following games (not necessarily strategy!)

T-Shirt Size S ☐ M ☐ L ☐

Completed coupons should be sent to PO Box 10, Ludlow, Shropshire SY8 1DB, to be received no later than 1 September 1987.

## GAMELESS IN GAZA

Dear Philippa

Looking at reviews, talking to friends and generally being nosy I notice that, on the whole, two factors of wargaming stand out.

One: power. People love making their forces run about massacring enemies, especially if the enemy has many more units than you, as in *Tobruk*.

Two: 'modernness'. I am one of those people who gawp out of the window and watch the RAF fly-past, and study the news for new weapons and tactics. Many 'modern' wargames are on sale, such as *Theatre Europe*, *Battlefield Germany* and one or two variations on Vietnam.

What I am waffling toward is Middle East wargames. Many generals think Israel is a military

wonder, and I'm sure if games producers took this into account they'd be onto a big hit if they put some thought into the program. I wrote to PSS with this thought many moons ago, and so far nowt has happened. Surely, dear Philippa, you can pull a few strings and ears?

Gary Watson, York

Unfortunately, nobody pays any attention to my ear-pulling! I quite agree that the Second World War is overexposed, but I suppose the reason we haven't been regaled with Middle East wargames is that designers feel the software-buying public would have difficulty identifying with non-Western countries.

PI



# THIRTY WORDS THAT SHOOK THE WORLD

**TOP SPECTRUM MAG**, 43 issues young, seeks readers for free classified ad page (genuine). Interests include pen friends, hardware/software swaps, homegrown software, fanzines, French firmware. Sorry, no trade ads accepted.

Yes - as part of the Government's new Minions Creation Scheme, CRASH is offering you **FREE** classified ad space! (Cue the Classifieds Minion.) You can use it to advertise anything related to the Spectrum or other areas that CRASH covers (such as PBM and videos).

This being the ad business, it has to be complicated (see next month for year-on-year lineage differentials . . .), but we've tried to keep the rules to a minimum:

- 1 The free classified ad service is NOT available to anyone who is trying to make a profit through their advertising, though paid-for classifieds may be introduced in the future †
- 2 Ads should not be more than 30 words long (numbers, postcodes etc count as one word), and should relate to an area covered by CRASH
- 3 As there is no box-number service, ad copy must include an address or telephone number. All ads must be accompanied by the form below (or a copy of it) giving the advertiser's name, address and telephone number.
- 4 CRASH reserves the right to edit or not publish ads
- 5 CRASH is not liable for any loss caused to advertisers through their advertising

By the way, if you send an ad in PLEASE don't ring up the new Minion asking when it's going to be published. She won't know - all the ads will be typeset as they come in, and we'll just put as many in each issue as possible.

## PROTECT YOUR PRECIOUS SPECTRUM WITH A COSY, TAILORED COVER ALL FOR LESS THAN THE PRICE OF A COUPLE OF BUDGET GAMES!



Accidents will happen, but the best way to avoid them happening to your Spectrum is to wrap it in its very own, purpose-designed dust cover.

Up in CRASH Towers, the reviewing team has to be very careful to ensure the Spiky Haired Ones from ZZAP! don't get the chance to dribble Cherry Coke and splatter sarnie crumbs all over the keys of their Spectrum Reviewstations. Part of my Minion duties involves keeping the office computers clean and tidy - and it's no good trying to get biccie crumbs out of the back of a ZAPPED Spectrum with a vacuum cleaner, nor is there any point in asking Mummy Minion to pop a Spectrum in with the washing up!

Admittedly the Spiky Haired Ones may not invade your games-playing zone, so

why do you need a high-quality, gubbins-proof, double-seamed Spectrum cover complete with a CRASH logo to dress your Spectrum up in? Simple. ZZAP! reviewers may not inhabit your home, but there might be a dog . . . a little sister maybe? A cat? A little brother? Perhaps you don't have full control of your elbows 24 hours a day, and have been known to tip over a can of pop or a cup of tea?

A CRASH Spectrum cover is just what you need to protect your faithful friend - and the covers we have on offer are super high quality. Get the power of a CRASH computer cover on your Spectrum's side (well, top then). Order one now! You know it makes sense . . .

**NAME** .....

**ADDRESS** .....

**POSTCODE** .....

**TELEPHONE NUMBER** .....

**WRITE AD COPY HERE . . .**


**... AND SEND IT TO:**

**THE CLASSIFIEDS, CRASH, PO BOX 10,  
LUDLOW, SHROPSHIRE SY8 1DB**

† Addendum to Rule 1: Roger Bennett won't accept any of that stuff about 'this is not a profit-making organisation - we didn't mean it, it just happened that way'.

**DEAR AUNTIE AGGIE**

I want to protect my Spectrum, so have ticked the box next to the type of computer I own and enclosed a cheque/postal order/wish to pay by Visa/Access. I'm not sending you cash and have completed my name and address in my best handwriting . . . Send me my cosy cover right now, please.

- |   |       |                                       |       |
|---|-------|---------------------------------------|-------|
| <input type="checkbox"/> Rubber-<br>Keyed model | £3.00 | <input type="checkbox"/> Spectrum 128 | £3.75 |
| <input type="checkbox"/> Spectrum +             | £3.25 | <input type="checkbox"/> Spectrum+2   | £4.00 |

I enclose £. ....

Name .....

Address .....

Postcode .....

PLEASE DEBIT MY VISA/ACCESS ACCOUNT £

I wish to pay by Visa/Access (delete as applicable)

Signature

Expiry Date

Please Charge My Account No:

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

**AUNTIE AGGIE'S DUST DEFEATERS,  
PO BOX 20, LUDLOW, SHROPSHIRE SY8 1DB**



**NOW!**

**£5 OFF**

**ALL  
TRADE  
PRICES**

## YOUR MICRO DESERVES THE BEST...

When your home or business micro costs several hundreds of pounds, it deserves the finest repair facilities in Europe (well, probably!). And the finest prices – £5 off trade rates for a limited period only. ★ How? At Verran we use our own range of advanced automatic test equipment (now sold worldwide), backed by stringent 2-8 hours soak-rack testing. That means speed, ultra-low prices and, most important, guaranteed reliability. For the first three months we'll repair any fault free. For the next three, at half these quoted prices. ★ It's the finest service available.

★ Currently we handle over 3500 products on average every day. Providing services for such leading companies as Amstrad plc, Commodore Business Machines, Sinclair Research, Rank Xerox, Dixons, Currys, Boots, W H Smiths, John Menzies and many more. ★ Join them and take up our special offer now.

Recommended and Approved by

**AMSTRAD**

**ACORN**

**ATARI**

**SINCLAIR**

**COMMODORE**

★ SPECTRUM	TRADE £19.95	NOW £14.95
★ COMMODORE 64	TRADE £24	NOW £19
★ BBC B STD BRD	TRADE £30	NOW £25
★ AMSTRAD 464	TRADE £30	NOW £25
★ ELECTRON	TRADE £25	NOW £20

## EUROPE'S LEADING COMPUTER REPAIR CENTRE



### ...AND UNBEATABLE DISCOUNTS ON ALL COMPONENTS!!!

★ With over £500,000 worth of spares in stock, we can meet many of your specialised requirements. We've listed a few examples and for anything not displayed just call us and we'll quote immediately inclusive of first class post.

#### SPECTRUM SPARES

Z80 CPU	2.50
ULA 6C001	7.00
Power Supply	6.50
ROM	7.00
4116 RAMS	.75
ZTX 690	.40
ZTX 213	.40

#### Keyboard Membrane

Spectrum	3.00
Spectrum Plus	8.00
Metal Templates	3.00

#### COMMODORE SPARES

6510 Processor	12.00
6525 CIA	12.00
6581 Sid Chip	15.00
901225 Graphic ROM	10.00
901226 Basic ROM	10.00
901227 Kernal ROM	15.00
906114 House Keeper	10.00
6569 - VIC	18.00
4164 RAMS - Memory	1.00

#### Power Supplies

C64	19.50
C16	15.00

All the above prices include VAT but please enclose a further £1.50 post and packing on all component orders.

#### HOW TO CONTACT US

★ For quotes on computers not listed or on any component, telephone 0276 66266. (Quoting CRS/087)

★ To send us your micro for repair, mail it securely packed, accompanied by cheque, postal order (made out to Verran Micro Maintenance Limited) or quote your Access or Barclaycard number. And to obtain your special discount quote CRS/087.

**Verran**

Verran Micro-Maintenance Limited, Unit 2H & 2J, Albany Park, Frimley Road, Camberley, Surrey GU15 2PL. Telephone 0276 66266.



Lloyd  
Mangram

# PLAYING TIPS



## RASTERSCAN

Two names to pop up in the Tips recently, Al and Ric, have been popping a lot. Here's another hack from the dynamic duo hailing from Pirton in Hertfordshire. The following POKES provide extra time and rid you of all those logic problems.

MERGE"" in the *Rasterscan* loader and enter the following lines:

```
35 POKE 40078,201:
POKE 40153,201
36 POKE 39228,0
```

Once more into the breach, dear friends... and other Shakespearean references. Switching analogies, if I may, I sometimes see myself as a tiny finger in the crumbling dyke of gamers, holding back the waters threatening to engulf the abilities of players in defeating the cruel endeavours of programmers to provide ever harder, ever meaner games. It's a nice conceit - others may claim I'm merely Mangram, King of Cheats.

In that case, you can understand why I really like mega cheats, such as the one that earns its senders this month's Tips Prize - £20 worth of software. They are M.J. Colclough and J. Ankers from Matlock, Derbyshire, and the cheat is no less than 377 landscape access codes for Firebird's great game *The Sentinel*.

## THE SENTINEL

Mr Smith, of the Haxby Hackers, has been bending my ear of late, reminding me that he lives in Pocklington and not Haxby. I'm

sure it's very important to get this right. So, now we've got our geography sorted out, type in this listing, run it, start the tape from the beginning and think of Pocklington - you'll be blessed with infinite lives in *The Sentinel*.

```
10 REM SENTINEL
20 REM BY THE HAXBY HACKERS
30 CRASH AUGUST 1987
40 CLEAR 26800
50 LET TOT=0:LET HAXPOC=1
60 RESTORE
70 FOR I=38192 TO 38267
80 READ A:LET TOT=TOT+HAXPOC*A
90 POKE I,A:LET HAXPOC=HAXPOC+1
100 NEXT I
110 IF TOT <> 304658 THEN PRINT "ERROR
IN DATA": STOP
120 BORDER 0: PAPER 0: CLS
130 PRINT AT 21,8; INK 7;"START SENT
TAPE"
140 LOAD "" CODE
150 CLS
160 RANDOMIZE USR 38192
1000 DATA 33,57,149,34,63,205,195,0
1010 DATA 205,205,87,206,122,254,46,192
1020 DATA 33,87,206,34,66,205,62,195
1030 DATA 50,58,91,33,82,149,34,59
1040 DATA 91,201,50,107,92,33,103,149
1050 DATA 17,6,91,1,37,0,237,83
1060 DATA 178,91,237,176,195,61,91,33
1070 DATA 62,150,34,202,126,62,150,50
1080 DATA 58,133,34,31,146,175,50,114
1090 DATA 146,195,0,221
```

## STORMBRINGER

And there's plenty of storm clouds hovering around Ludlow at the moment. Huge great black things, absolutely vast compared to the miniscule vapour that follows Magic Knight around in his latest quest. So, if you're having problems, Steven Hepworth and Stephen Laurie from Walmersley, Lancashire have come to your rescue with a few tips that should help get you well into the game.

Start off by dropping Gadget X and go right to Robin's little hut and pick up the Chicken. Go left through Spooky Forest to the screen just before Berewolf, stand in front of the middle plant and cast a Pass Plant spell. When transported, pick up the Elf Horn. Go back to the plant and cast the same spell to return. Go right and pick up the Bottle. Go right again and check to see if the carried Chicken has laid a Golden Egg. If it has, take and read the Newspaper from Robin and then go left to the Sword in the concrete. Pick up the Disguise as requested in the paper.

Go right to Entwood. Take and wear the Magic Talisman and the Brass Ankh. Take the Wand from Aramis Le Peux and command Robin to go to sleep. Go as far right as possible to the castle entrance, go in but avoid the Axe. Fall down the hole. Pick up the Teleport Pad, Key and the Teleport (if need be drop everything except the Chicken, the Egg or the Newspaper), and you should now find yourself in Limbo.

When in Limbo drop the Wand Of Command, pick up and wear the Shield, pick up and wear the Power Boots and pick up the Wand Of Command again. Drop the Teleport Pad in Limbo. Go left, drop the Wand Of Command, have a drink and drop the Empty Bottle. Return to the castle, jump over the hole and go right until you reach the room with the fork shape on the wall.

The menu should now have a pull lever option, so pull the lever. Pick up the Bottle Of Liquid. Go as far right as possible, jump up onto the Stool, jump on to the blue thing and continue pressing up until you can go no further. Go right, jumping over the holes in the floor, down the one-way passage, keep on going left until you reach a big White Statue. Jump over the hole in the floor and go under an Arrow. Drop the Advert.

Jump on top of the Advert, pick up the Arrow and Teleport, then go left and drop the Newspaper. Give Robin the Arrow (or go right). If the Chicken has laid an Egg then give it to Robin and wake him up. Go to Berewolf's screen, blow the Elf Horn, summon Robin, command him to help and he will shoot Berewolf.

Berewolf should now have transformed into a Teddy Bear. Drop the Advert and pick up the Teddy. Jump right onto the ledge, don't fall onto the floor. And then...

More solution as we get it. In the meantime here are some POKES for infinite lives against the storm cloud and other meanies.

```
1 REM STORMBRINGER
2 REM BY CLIFF HULCOOP
3 REM CRASH AUGUST 1987
10 CLEAR 25170: PRINT "PLAY STORMBRINGER TAPE FROM
THE START": LOAD "" SCREEN$: LOAD "" CODE
20 POKE 38860,33
30 POKE 46716,33
40 PRINT USR 37632
```



## HEAD OVER HEELS

'What about this then Mr Head?'  
'Well, I don't rightly know Mr Heels . . . Wassit?'  
'It's one of them there hackers, been poking us to pieces.'  
'Whadda they done then?'  
'Infinite lives, Mr Head.'  
'From The Wizard of Southsea I'll be bound, Mr Heels.'  
'Well, with a bit of help from Mike Dunn. Type in the listing, run it and start our game tape from the start.'  
'Super! On to Safari then Mr Heels.'  
'Quite so, Mr Head.'

```

1 REM HEAD OVER HEELS
2 REM BY THE WIZARD
3 REM CRASH AUGUST 1987
6 CLEAR 64500
7 LET T=0:LET W=1
8 FOR F=32000 TO 32170
10 READ A:POKE F,A
15 LET T=T+1
20 NEXT F
25 IF T<>5486535 THEN PRINT "ERROR IN
  DATA":STOP
30 PRINT AT 10,1;"START HEAD OVER
  HEELS TAPE"
50 RANDOMIZE USR 32000
100 DATA 221,33,203,92,17,234
110 DATA 6,62,255,55,205,86,5
120 DATA 48,241,243,237,94,33
130 DATA 44,125,229,33,173,98
140 DATA 229,51,51,17,163,252
150 DATA 1,22,3,33,253,94,62
160 DATA 202,237,79,195,173,98
170 DATA 33,70,125,229,33,199
180 DATA 252,299,51,51,17,209
190 DATA 221,1,232,2,33,209,252
200 DATA 62,196,237,79,195,199
210 DATA 252,33,209,252,17,209
220 DATA 138,1,92,0,237,176,33
230 DATA 228,138,34,233,138,34
240 DATA 237,138,33,218,138,34
250 DATA 245,138,33,255,138,34
260 DATA 9,139,62,195,50,29,139,
270 DATA 33,116,125,34,30,139
280 DATA 195,209,138,175,50
290 DATA 166,255,62,195,50,99
300 DATA 255,33,250,250,34,100
310 DATA 255,33,145,125,17,250
320 DATA 250,1,50,0,237,176,195
330 DATA 55,255,33,0,0,34,133
340 DATA 163,33,34,25,34,115
350 DATA 163,62,33,50,120,163
360 DATA 50,123,163,49,255,255
370 DATA 195,48,112
  
```

## BUBBLER

*Bubbler* by Ultimate - Blubber by CRASH - that's why we're all going on a diet (or some of us, see the *Killed Until Dead* comp on page 87). Barnaby Page is the

exception, the man, who by some miracle of nature, can eat his favourite food of Gnocchi for hours and not put on an ounce of flab. Meanwhile the CRASH crew'll stick to their big 'n' baggy shirts. Incidentally, infinite lives from Cliff Hulcoop.

```

5 REM BUBBLER
6 REM CLIFF HULCOOP
7 REM CRASH AUGUST 1987
10 CLEAR VAL "24064"
20 LET A=NOT PI
30 LOAD""CODE
40 RANDOMIZE USR VAL "32768"
50 POKE VAL "61455", VAL "201"
60 LOAD""CODE
70 RANDOMIZE USR VAL "61440"
80 POKE VAL "57515",A
90 POKE VAL "57516",A
100 POKE VAL "57517",A
110 RANDOMIZE USR VAL "24064"
  
```

## UNIVERSAL HERO

'We don't need another hero . . . ' but a few more POKes for Mastertronic's arcade adventure wouldn't go amiss. Thanks again to Cliff Hulcoop infinite lives may be enjoyed - no monsters and total immunity.

```

1 REM UNIVERSAL HERO
2 REM CLIFF HULCOOP
3 REM CRASH AUGUST 1987
10 LET TOT=0:LET CH=1:FOR A=32768 TO
  32812: READ B: POKE A,B: LET
  TOT=TOT+CH * B:LET CH=CH+1:NEXT
  A
20 IF TOT<>68762 THEN PRINT "ERROR IN
  DATA":STOP
30 PRINT "PLAY UNIVERSAL HERO TAPE
  FROM THE START"
40 POKE 32800,255:POKE 32801,150
50 POKE 32805,17:POKE 32806,140
60 POKE 32808,10:POKE 32809,147
80 PRINT "PLAY TAPE FROM START . . ."
90 PRINT USR 32768
100 DATA
  55,62,255,221,33,0,91,17,128,0,205,86,5,
  48,241,33,29,128,17,95,91,1
110 DATA
  16,0,237,176,195,0,91,62,0,50,0,0,62,201
  ,50,0,0,50,0,0,195,0,130
  
```

## FUTURE KNIGHT EDITOR

Erm, apologies dear readers; in the June issue I was so carried away by the exciting fact of a *Future Knight* screen editor that I completely forgot to tell you how to access it. Colin Glaister was quick to point out my little omission.

When *Future Knight* is loaded, on the menu screen press the EDIT, S and K keys together. The keys to edit the screens are:

Q,W,P,L - cursor directional control  
U - selects a building block  
F - shifts forward to the next screen  
B - shifts back to the previous screen  
S - places a block at the cursor's position  
BREAK - returns you to the *Future Knight* game menu





# Enduro Racer

FIRST 3 STAGES MAPPED BY:  
S. NEAVES

1st Stage

2nd Stage

3rd Stage

## ENDURO RACER

Our map of *Enduro Racer* is more of a pretty picture than an essential piece of cartography, but Ben Jones from Eastbourne, discovered that the Multiface One POKE I offered last month for infinite time had what the drugs people call an undesirable 'side effect', that of bringing in the brakes at 150kph. He redesigned the POKE, and it is: 43643 to 049.





## GUNRUNNER

Despite battling with exams, Jon North has managed yet another hacking routine, this time for Hewson's gunrunning shoot-'em-up.

```

5 REM GUNRUNNER
6 REM BY JON NORTH
7 REM CRASH AUGUST 1987
10 BORDER 0:POKE 23693,7
20 CLEAR 25317:POKE 23658,0
30 INPUT "INFINITE LIVES? (Y/N)"; I$
40 IF I$ = "Y" THEN LET I=0
50 IF I$ = "N" THEN LET I=61
60 INPUT "LEVEL? (1-19)"; L
70 IF L > 19 THEN GO TO 60
80 LET T=0
90 FOR F=51200 TO 51252
100 READ A:POKE F,A
110 LET T=T+(F-51190)*A:NEXT F
120 IF T=240641 THEN STOP
130 LOAD "" CODE
140 RANDOMIZE USR 51228
150 POKE 64530,201
160 RANDOMIZE USR 64511
170 POKE 65097,0:POKE 65141,64
180 POKE 65098,200
190 POKE 51241,1:POKE 51246,L
200 RANDOMIZE USR 65082
210 DATA 205,118,254,33,40
220 DATA 200,17,198,128,1
230 DATA 13,0,237,176,201
240 DATA 128,223,181,209,177
250 DATA 144,141,139,151,206
260 DATA 198,199,200,33,0
270 DATA 252,17,255,251,1
280 DATA 19,0,237,176,201
290 DATA 62,61,50,19,192
300 DATA 62,1,50,28,188
310 DATA 195,198,187
    
```

## EXPRESS RAIDER

Hey, pardner! Did you know that more of them pesky trains can be taken and han'somely raided when there's infinite lives strapped to your low-slung hips? It's as simple as Ma Coltrane's blueberry pie – just pass the first plum loco Express and then press triggers 1, 9, 8 and 7 together and you should have 'em! Your lives run out as usual, but then you start from where you left off. Thanks to David Beck who noseyed on down from Castlefield – a one-horse hicksville from somewhere or other.

## CHRONOS

I did have some POKES in for Chronos, but they didn't work, so instead I'll offer you this little tip from NME. Type 'jing it baby' into the high score table. You should then be provided with a mega laser – definitely helpful, if you can get to the high score table of course...

## VAMPIRE

Completing Code Master's platform game couldn't be simpler if you follow this tip provided by Richard Peake of Preston, Lancashire. Hold the 1, 2, 3, 4 and 5 keys down together and you'll be transported to the shoot-out section. Shoot the fanged-one 40 times, then shoot straight for his blood-sucking heart, and you've done it.

## CONTACT SAM CRUISE

Listen ya punks, dere's dis cheat in da game, as fingered by Mark (Fingers) Benson from Ashby-de-la-Zouch (the home of Ultimate). All you gotta do, if you get slung into da jug issa pressa da Caps Shift and P keys toggeda, and you turn, like, invisable. Isana dat helpful?

## MONTY ON THE RUN

After many pleas to print a routine for the egregious mole's second adventure, John Bramley from just up the road in Shrewsbury has come to the rescue with infinite lives, and some POKES, to make sure the crushers, monsters and water no longer kill.

```

5 REM MONTY ON THE RUN
6 REM BY JOHN BRAMLEY
7 REM CRASH AUGUST 1987
10 CLEAR 24649
20 PRINT AT 8,3;"PLAY MONTY ON THE RUN TAPE"
40 POKE 63756,195:POKE 63757,235:POKE 63758,255
50 FOR N=65515 TO 1e9:READ A
55 IF A=999 THEN POKE 23612,0:RANDOMIZE USR 52500
60 POKE N,A:NEXT N
100 DATA 62,24,50,156,135
110 DATA 62,201,50,141,134
120 DATA 62,201,50,157,143
130 DATA 62,0,50,80,154
140 DATA 201,999
    
```

## THE GREAT ESCAPE

If Ocean's 3-D brain blower is still causing headaches, then try this solution from Ian Banner of West Lothian.

### Day One

Collect the key from under the watchtower and open the door where the lock-pick is found. Drop the key on the floor and pick up the lock-pick. Open the door where the spade is found. Collect the torch and the papers. Take the torch and the papers to the room where the spade is and drop them down the tunnel. Return to normal duties.

### Day Two

Open the red cross parcel and drop the contents onto the floor. Return to normal duties.

### Day Three

Do the same as day two

### Day Four

The wire cutters should be in the red cross parcel. Take them to the room where the spade is and drop them down the tunnel. Return to normal duties.

### Day Five

Open the red cross parcel and drop the chocolate on the floor. Return to normal duties.

### Day Six

The compass should be in the red cross parcel. Take it to the room where the spade is situated and go down the tunnel. Pick up the torch and take the compass to the other end of the tunnel. Drop the compass and return for the wirecutters. Go back to where you dropped the compass and drop the torch. Pick up the compass and wait a few seconds. Now run up to the wire and cut it. Drop the compass outside then return to the tunnel. Drop the wirecutters and pick up the torch. Now go and get the papers and take them to where you dropped the wirecutters. Now drop the torch and pick up the cutters. Wait down the tunnel until next morning.

### Day Seven

Wait until you hear the alarm for roll call. Now run up to the wire and cut it. Drop the cutters and pick up the compass. Now, run off the screen – and you've escaped.



## BARBARIAN

Arrrrgh! The very title brings me out in goose bumps after tackling the FORUM this month! However, if your game is like mine ... Thwack! Thwump! Ssslice! Ughhhh! ... it isn't much of a solution; try this one from Brian Entecott of Aylesbury, James Morris from Southport and Steven Greaves from Witton instead ...

As soon as you start the game, knock your opponent into the

corner by rolling into him and then constantly knock him over. After every two rolls, kick him down until dead.

On level seven, when you've killed your opponent keep pause pressed, then, as you disappear and walk into the room again, the wizard and the princess should be waiting for you. When the wizard shoots a fiery ball jump over it (it's easier with pause on), and follow this with a quick roll towards him. He should shrivel up letting the princess come to sit by your leg. Ahhh!



## FLASH GORDON

Okay, so *Flash* is reviewed this issue, but it's had a few weeks out on the streets. And anyway, you don't have to type in this routine from Jon North (our man on the streets of Sutton).

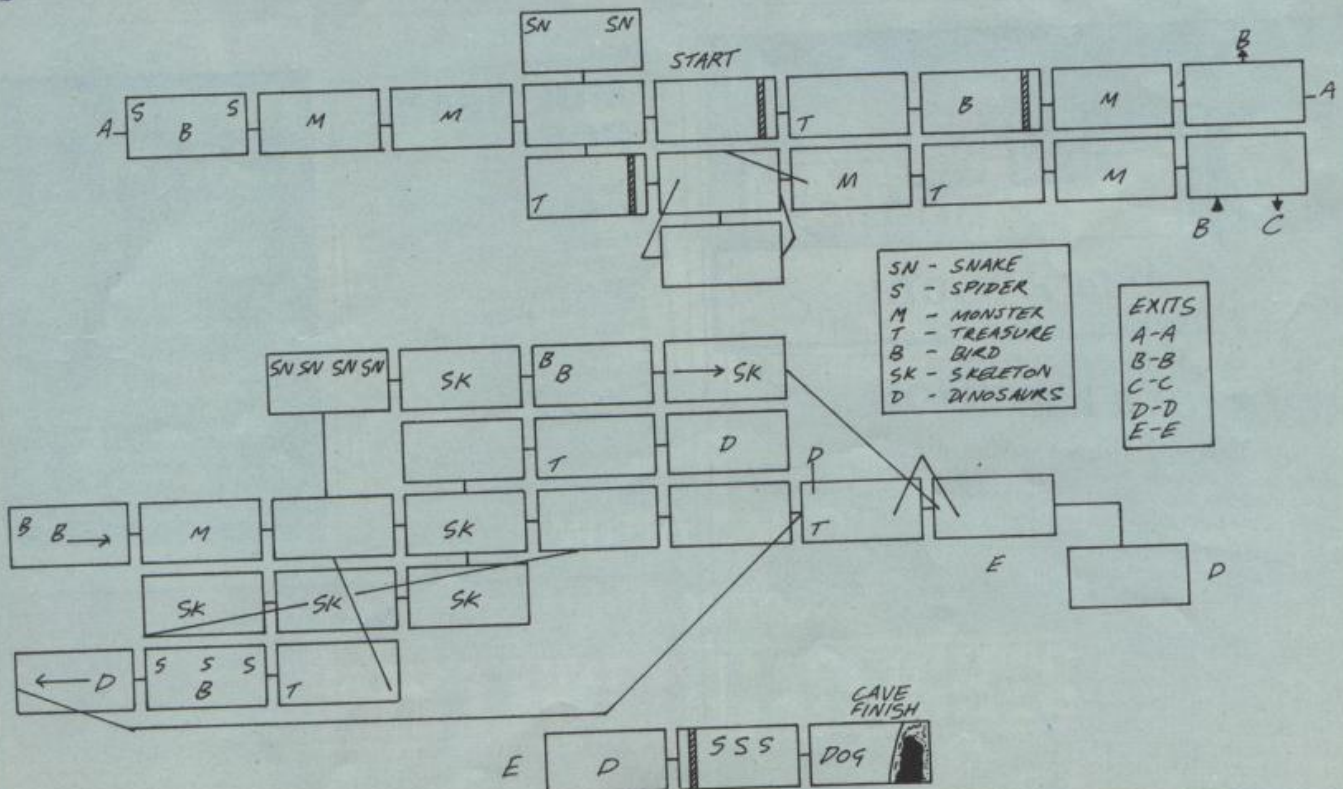
```

10 REM FLASH GORDON
11 REM BY JON NORTH
12 REM CRASH AUGUST 1987
20 LET B=58:LET T=58
30 INPUT "BULLETS? (Y/N)"; BS
40 IF BS="Y" THEN LET B=50
50 INPUT "TIME? (Y/N)"; TS
60 IF TS="Y" THEN LET T=50
70 FOR =23536 TO 23546
80 READ A:POKE F,A: NEXT F
90 MERGE "":POKE 23795,0
100 POKE 23796,0
110 RANDOMIZE USR 23778
120 POKE 59676,91
130 RANDOMIZE USR 57120
140 DATA 175,T,44,198,B
150 DATA 227,191,205,240
160 DATA 227,201
    
```

## Flash GORDON

The Map

by ANDREW COCKERILL,  
MIDDLESBROUGH,  
CLEVELAND.





## THE SENTINEL

As I mentioned in the intro, M J Colclough and his partner in crime, J Ankers, sent me 377 landscape access codes for Firebird's modern chess game. The two completed all 10,000 levels, and were upset that after all their hard work, there was no congratulatory message; the game merely clocked back to the first landscape and gave an access code relevant to the number of energy units they had left. Isn't that life?

There were too many codes to typeset, so I reproduce a facsimile of their sheets...

LAND	CODE	LAND	CODE	LAND	CODE	LAND	CODE	LAND	CODE
0005	43983865	0433	96198865	1224	49894780	2278	66487787	3762	75092914
0006	37418839	0422	67388673	1255	66775269	2313	10666745	3785	66947731
0008	46986565	0464	97839879	1286	67780884	2318	76621066	3816	76230904
0010	42346548	0484	25234656	1299	07024228	2348	02600569	3839	95472944
0011	36798141	0502	79386674	1333	38689994	2354	56284679	3872	22989485
0013	74274656	0515	17386898	1373	62103664	2380	55594387	3910	84447691
0018	06855873	0534	42831821	1401	75908157	2385	87917184	3945	78899894
0020	87457664	0552	43939179	1424	64769853	2408	93054911	3971	48459660
0023	95571296	0577	97481647	1466	46997392	2426	38984950	4005	82689251
0026	88879285	0598	62606968	1495	98516949	2447	55066110	4028	68106888
0030	69767034	0624	91590924	1531	74306678	2482	27134867	4062	70094084
0043	37234566	0641	97193428	1553	76969040	2515	64972600	4108	54463639
0046	79762535	0647	96598150	1579	89884261	2538	47756798	4134	95563786
0062	22698418	0673	69886157	1605	10644587	2567	94262453	4167	86674555
0074	45977455	0687	77137686	1627	04755580	2603	59582416	4201	67794737
0078	50879594	0706	18755735	1652	68521488	2632	96961255	4224	76812902
0084	65026999	0732	35547788	1666	84925989	2661	93695500	4251	26554157
0086	78269016	0739	49259870	1695	81528696	2701	58831454	4288	84852717
0091	98825894	0767	45949987	1729	49956362	2726	05691735	4336	58831456
0110	55877549	0785	95139647	1742	49658143	2752	57794761	4370	66871283
0126	65280897	0798	83775557	1763	27618795	2776	55477929	4403	05164668
0138	67341674	0812	83945796	1793	44072862	2801	78489595	4448	27796851
0157	94197426	0828	69897391	1820	61891637	2819	47258966	4475	42436591
0170	62430074	0847	76356436	1841	34667698	2852	66396523	4516	86398525
0186	87946484	0869	81754192	1861	88856848	2889	62506859	4552	89696504
0194	78417482	0902	44975094	1880	97278526	2925	60578656	4582	64860989
0197	69426589	0923	90556487	1895	11591822	2951	21465028	4597	52141667
0210	78847741	0938	37878450	1918	44478934	2989	47459590	4618	94043448
0221	15846269	0966	68917598	1946	69768568	3013	70042997	4642	90799414
0237	87036464	0986	87639671	1983	41094469	3040	85764888	4674	66664035
0252	40097467	1007	38345983	2013	69582723	3068	27881404	4709	83445845
0267	69519290	1026	44296659	2042	64753837	3095	21681462	4740	58414159
0286	97517958	1053	81264895	2067	78485869	3126	19419078	4766	83687880
0303	93217473	1067	61238476	2091	24245455	3156	35418665	4790	86748499
0328	89428752	1085	70671677	2118	46827526	3160	78560576	4814	44959286
0361	54995188	1106	55374471	2149	58558406	3196	22676088	4851	20654776
0378	61579772	1125	53656769	2172	65438847	3224	47484144	4884	66678802
0400	83754805	1159	48475617	2215	87459659	3250	76087886	4910	85069883
0409	57516076	1186	19119797	2256	57029889	3282	35878543	4935	19253437
									55447496
									8371
									65037914

## MULTIFACE POKES

The following useful tid-bits come from Stu Mitchell...

Mario Bros 50362,255 and 51273,255  
 Krackout 46565,0  
 Head Over Heels 42195,0  
 Transmuter 28878,0  
 Dynamite Dan II 29003,0  
 Boulder 36610,0  
 Cobra 36515,183  
 Batman 3798,0  
 Army Moves I 54597,0  
 Army Moves II 53772,0  
 Auf Wiedersehen Monty 41137,0

## DOWN TO EARTH

Now, before Robin Candy turns his cap back to front and starts poncing about like Ben from *Curiosity Killed The Cat*, here's a tip on Firebird's offering from Darren Mott who lives where grow the cider apples - Somerset.

Pressing keys 1, 2, 3, 4, 5 and 6 simultaneously automatically clears the current level and moves the player on to the following one. This can be done on any of the 30 levels, but won't allow you to actually complete the game properly.

## THEY STOLE A MILLION

If you follow the POKES listed below, Mark Sutcliffe from New Arlesford, Herts, tells me, then the game is made a lot easier and you can gain £999,900 - which ought to be enough for anybody (certainly more than I'll ever earn).

Load the game and then save any team using the option in the program. Pull the plug on the Spectrum, then load the saved data file into the empty computer using LOAD""CODE. Now enter the POKES directly:

POKE 28766,153 (£990,000)  
 POKE 28767,153 (£9,900)  
 Save the altered data file by typing: SAVE "SWAG1" CODE 28672,764, then load up the game again, followed by loading the altered data file.

Multiface One owners need only put the POKES in directly, although the effect will not be shown until the cash held has to be reprinted by the program.

Thank you all for all those letters suggesting the best POKE is one in my eye - may your power packs ever waver close to a hi-score. My own POKE is to turn off the lights and go home to an extraordinarily well-earned rest, a mere antidisestablishmentarianist at heart, that's me. Please don't send stamped-addressed-envelopes requesting tips by return, I'm afraid there's just never the time to cope with them. Send your tips, POKES, cheats, hints and those ever-valuable maps to LLOYD MANGRAM'S PLAYING TIPS, CRASH, PO BOX 10, LUDLOW, SHROPSHIRE SY8 1DB. I'll be back next month, Insh'Allah.



# JAMES BOND 007<sup>™</sup>

## IN THE LIVING DAYLIGHTS

### THE COMPUTER GAME



ALBERT R. BROCCOLI  
Presents

**TIMOTHY DALTON**  
as IAN FLEMING'S  
**JAMES BOND 007<sup>™</sup>**

## THE LIVING DAYLIGHTS

Starring MARYAM d'ABO JOE DON BAKER ART MALIK and JEROEN KRABBE

Production Designer PETER LAMONT Music by JOHN BARRY Associate Producers TOM PEVSNER and BARBARA BROCCOLI

Produced by ALBERT R. BROCCOLI and MICHAEL G. WILSON Directed by JOHN GLEN Screenplay by RICHARD MAIBAUM and MICHAEL G. WILSON

TECHNICOLOR<sup>®</sup> PANAVISION<sup>®</sup> DOLBY DIGITAL

ORIGINAL SOUNDTRACK ALBUM AVAILABLE ON  
WARNER BROS. RECORDS, CASSETTES AND COMPACT DISCS



DOMARK



Star Logo Symbol © Danbury S.A. and United Artists Company, 1982 © 1987 Danbury S.A. and United Artists Company. All Rights Reserved. Distributed by MCA Distribution Co.  
© East Productions Ltd. All Rights Reserved. Published by Danbury Ltd., 22 Bedford Road, London W1A 1TA. Tel: 01-617 7621 Telex: 9091756.



# VOTE 87

## THE CRASHTIONNAIRE RESULTS

Are you man or woman enough to read CRASH? Can you afford to? Is CRASH your style? Do you watch the Beeb a lot? All these and many more vital questions will be answered in the next few lines – stay tuned to this column

Yes, it's the annual CRASHTIONNAIRE SHOW, and your host tonight is the ever-effervescent, eternally ebullient, eponymously and exacerbatingly entertaining Lloyd (largest marrows in the land) Mangram...

Good evening, and thank you. And tonight's first contestant to take the chair will be answering questions about sex. CRASH is pretty unequivocal about its gender, with 98.4% of those who answered the questionnaire saying they are male, with a mere slip of a girl being 1.6%.

And what of the age of tonight's contestants? Well, the largest single age group turns out to be 14 years, though a few crustier readers bring the age of the average CRASH reader up to 16.14 years (down slightly from last year's figure).

Not surprisingly, then, when we turn to occupations 75.55% say they are still at school, no doubt playing computer games when they should be revising for their examinations. Get those certificates, guys, otherwise you won't be joining the 6.31% at

college or university who also read CRASH, or the 11.42% who enjoy full-time work. Of the rest 1.7% are in part-time work and 5.01% are unemployed, which is well under the national unemployment rate.

These figures tie up pretty well with those for the next question, which was about the amount you spend each week on computer games. 79.01% fork out between £2 and £5, 18.51% manage golden tinklies to the tune of £6 to £10 weekly, and then it drops sharply; only 1.86% leave between £11 and £20 on the counter, and an infinitesimal 0.62% can afford over £20 a week. If we take the CRASH readership figure (see below), and allow the average £3.50 per week the 79.01% spend, then it follows that £838,897 and 50p goes into the software industry's coffers every seven days!

We wondered how many of you are interested in the serious stuff of utilities and asked whether you have purchased one during the past six months, or intend to within the next six. The two sets of figures correlate well, and show that a touch over a quarter of CRASH readers own serious software – a mite more encouraging for utility producers than I had imagined. 26.11% purchased utilities in the past six months, and 28% intend to soon, making something like a potential 85,000 utility sales in the next half year. That's a big serious whoopee!

The figures for peripherals are similar, but reflect the fact that once a purchase has been made the potential for further sales drops slightly (which isn't the case with utilities, of course). 30.04% have purchased a peripheral in the last six months, while 23.71% intend to within the next six.

Now we come to new computers, and here there are some interesting answers. Do you intend buying a new machine during the next six months? 26.15% say 'Yes' and 73.85% say 'No'. So what is it that the little over a quarter of CRASH readers want to get? An encouraging 72.8% want a Spectrum 128/+2 or +3; a fairly high 13.6% want a Commodore 64 or 128; 4% are opting for an Amstrad (mostly the CPC664), while 9.6% want to go 16-bit – 8% for the Atari ST and 1.6% for the Amiga.

Enough of the hard stuff and back to games. What's the major influence on your decision to buy a computer game? Well, highest on the list is a magazine review (and so it should be!) – 27.4% reckon so. Price is a key factor, but it's pipped at the post by a friend's recommendation at 17.6% – price comes in at 17.4%. Advertising hype and the game's software house come next, neck and neck at 13.1%, while authors only poll 11.4% as an influencing factor (probably reflecting the fact that authors are becoming more anonymous as time goes by).

And so to the magazines and CRASH in particular. When did you first buy a copy of CRASH? The elite who got the fabled first issue total 9%, another 8% joined between that and Issue Six with a further 9% up to Issue 12. Things leapt up with 20.2% joining between 13 and 18, 18.4% between 19 and 24, 13.8% between 25 and 30, and another 16.4% up to Issue 36. You obviously like CRASH well enough, too – 74.5% of readers have bought every issue since their first.

Then there's the vital question of how many literary pirates read your copy (without buying their own – low-down cheats). Across the



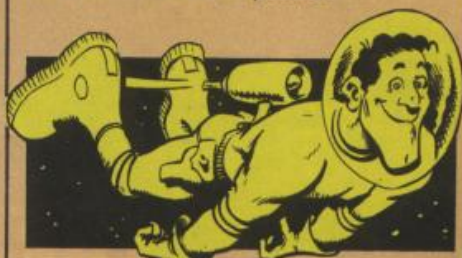
board it averages out that 3.16 persons read your copy – and if you discover who the .16 of a person is, let me know.

On the question of what other computer magazines you buy or read, *Sinclair User* comes out top on points by a pipsqueak with 24.55%, closely followed by *Your Sinclair* at 23.12%. *Computer & Video Games* notches up 20.79%, the now-defunct *Computer Gamer* managed 11.63%, *Popular Computing Weekly* earns 11.56% and the more serious *Personal Computer World* receives 8.35%.

Charting your favourite CRASH features has become a popular annual event. This year's questionnaire indicated little change in preference over last year. At the top it's still



PLAYING TIPS (thank you, though most of the credit for that goes to girlie tipster Hannah Smith). Reviews come second, previews third, competitions fourth, special reader offers fifth and Subscription offers sixth. News is next at seventh place followed by the FORUM, the charts and, surprisingly (but encouragingly enough for the software houses) advertisements in tenth position.



Ever onward; Lunar Jetman makes it in at 11, Simon's TECH TIPS at 12 and ADVENTURE TRAIL a very lucky 13. TECH NICHE polls place 14, followed by the editorial, a strategically positioned FRONTLINE and







PLAY BY MAIL at 17. Hunter S Minson slips in at 18 with CRASH COURSE bringing up the tail at 19.

There were simply too many comments to mention!

Our coverage of software in three categories, namely reviews, Previews and News comes out at 90.22%, 81.54% and 72.77% respectively.

Onto the reviews themselves. Are they detailed enough? 'Yes,' says 85%. Long enough? 'Yes,' says 86%. But 55% think there aren't enough screen shots – a situation unchanged since time began. And 76% think the comments box is sufficiently detailed.

Agreeing with our review ratings can be a touchy subject (see the FORUM almost any month!), but 7.7% always agree with a CRASH review and 75.5% agree more often than not – a pretty good figure I'd say. 14.9% agree occasionally, 1.8% rarely and a negligible niggling 0.1% never agrees.

Should we substantially change the rating system? Here the answer was comfortably conclusive, with 82.6% answering 'No!'

We double-checked on one of the earlier questions by asking whether you use CRASH as a source of reference when buying games

(having established that a magazine review is the major source of influence when buying a game); over half, 58.5%, say they do and 40.6% admit to using CRASH sometimes.

What about the magazine's covers, often a cause of shock and horror when Oli gets a bee in his bonnet (though several covers within the period covered by this questionnaire were painted by Ian Craig). 66.4% think they are great, 31.7% reckon they're okay and 1.9% hate them, saying they're rubbish (but at least the ink doesn't come off on the fish'n'chips).

There's more polarisation of feeling when it comes to features like TERMINAL MAN and TAMARA KNIGHT. 24.8% think those two are great, 47.2% rate them as 'okay' and 28% dismiss them as rubbish, though individually TERMINAL MAN came out much better, almost 50/50.

CRASH has always avoided a Reader's Challenge, but we thought it only fair to ask your opinion, and as you know, the answer resulted in last month's startup form. Here's the reason why: 85.4% say 'yes' to a Challenge, and the preference is clearly for a Reader-versus-Reviewer Challenge – 69.5%.

And talking of reviewers, since we started naming the regular CRASH reviewers we've been wondering how often you agree with the individuals, though there've been some additions of late. Between Ben Stone, Paul Sumner, Mike Dunn and Richard Eddy the result is – Ben Stone top with 39.2%, followed

by Mike 'Skippy' Dunn at 30.2%, then Paul Sumner at 21.3% and Richard Eddy with 9.3%. It has to be said that Richard's lower mark reflects his relatively recent appearance on CRASH review pages.

That concludes the main part of the CRASHIONNAIRE, but we also asked some other questions about your eating, drinking, viewing and listening habits. On soft drinks 73% of CRASH readers spend up to £1 a week and 25.4% drink between £2 and £5 worth. The estimated average weekly spend is £1.84. Packet foods like crisps fare about the same – 75.6% crunch through £1 worth, with 22.9% consuming £2 to £5 worth. Estimated average weekly spend is £1.71.

Fast foods such as hamburgers clock up a mite more: 65.7% spend up to £1, 29.5% up to £5 and 4.3% up to £10, bringing the weekly average to £2.10.

Fast listening produced some interesting results, because despite the long-standing belief that Auntie Beeb can be the bore, she wins out with CRASH readers – 55.4% listen to Radio One, 32.3% to Local Commercial stations, 10.2% to Local BBC and 2.1% to good ol' Radio Luxembourg. The average amount of hours spent listening in to radio works out at 8.66.



And BBC wins out on the telly stakes too. 52% prefer BBC1, 43% tune in more to ITV, Channel 4 gets a vote of 4% and BBC2 bottoms out at 1%. CRASH readers average a fairly hefty 24.4 hours of watching per week (but not when there's a telethon on).

And that concludes the votes for CRASH readers. May I thank the returning officer and his staff for their speedy count, and the police for their efforts at crowd control... – but it's not quite the end of all the business, for there are some CRASHIONNAIRE prizewinners to mention.

Outright winner for being clever enough to be drawn out of the vast box first is **Peter Wallace** from Polegate in East Sussex, and Peter wins himself £50 worth of software, plus a CRASH Cap, T-shirt and Sweatshirt. The four runners up, who each receive £10 worth of software, plus a CRASH Cap and T-shirt, are: **Simon Proctor** from Brough, North Humberside; **Edward Askew** of Buckingham; **Peter Mill** from North Berwick, East Lothian; and **Way Ken Wong** from Calne in Wiltshire.





## READERS' SPECIAL OFFER

### Super salubrious!

### Slashed smackers!

### Superb software from

# SOFTWARE PROJECTS

All of these Software Projects classics were highlights of 1984, and they're all as immensely playable and thrilling today as they were then (so we're told by Lloyd)...

'Hallo, hallo, 'ave we got a special offer for you - know wot I mean? Sweet as a nut, these games, an' prob'ly not in the shops, eh? All kosher too, none of this 'fell off the back of a lorry...' Nah mates, it's from that geezer Gaz up in Software Projects oo's 'made available' some games from their, whachamacallit - back catalogue. Check the prices, check out the games. It's, like, yer only chance - so better step it up. My bee-eut-iful assist'nt will give yer the lowdown. Squeeze us a lemon, do us a favour, knock it on the 'ead, innit?

#### FULL REVIEWS

To check up on all the lowdown on the games on offer, see the full reviews...

**PUSH OFF** Issue 1 Page 52  
**TRIBBLE TROUBLE** Issue 4 Page 9  
**ORION** Issue 4 Page 82  
**ASTRONUT** Issue 12 Page 36  
**THRUSTA** Issue 2 Page 39  
**JET SET WILLY** Issue 4 Page 8

#### PUSH OFF

Loosely based upon the old 'Pengo' coin-op, it received 85%, and later, when featured in RUN IT AGAIN, won even higher acclaim. Pushing bricks around a spider-infested garden's the theme and it's sure to push your frustration factor to the limits.

#### ORION

Defeat the Dark Horde in this addictive number (76%). Your android army's been captured and the task is to rescue them from an underground maze in traditional 'Berserk' style. Good, fast, blasting fun.

#### JET SET WILLY

A CRASH Smash from Matthew Smith, and one of the world's most famous games. Willy's made to clear up his messy mansion after a party to celebrate his new riches before housekeeper Maria will let him go to bed. Wandering through 64 screens of assorted platforms there's many a hangover-induced nasty to put a stop to your frantic activities.

#### TRIBBLE TROUBLE

Playing Brian Skywalker, there's five screens of tribble-rescuing action in this CRASH Smash. Herding the pesky pink creatures involves bridge-building (tribbles drown when their fur gets water-logged), staying clear of firebugs (partial to raw tribble) and cactus plants upon which the tribbles quite happily commit suicide. Highly original.

#### ASTRONUT

Go nutty with a space-age platformer. The landscapes, all decorated with colourful graphics, houses resource blocks which are pushed around to a transporter before proceeding onto the next level. 'Very good, excellent, addictive!' cried the reviewers. They gave it 81%, and well they might.

#### THRUSTA

Not so much a shoot-'em-up, more a kind of crush-'em-down. Seated at the controls of Thrusta One, you've got to destroy alien nests from which eggs continually hatch. At 73%, reeking in playability and with large and smoothly animated graphics, it's a good example of what made Spectrum games great.



**SPECIAL CRASH READERS' PRICES**  
 Any two games £5.50  
 Any three for £7.00  
 Any four for £8.50  
 Inclusive of VAT, post and packing



## READERS' OFFER

O Wondrous Aggie, Aunt of all Aunts, Tripple gosh-wow, you've pulled another plum from the pie of life. Send me my Software Projects classics as fast as you can. I've filled in the form and ticked the relevant boxes, AND I've made out a cheque/postal order payable to NEWSFIELD LTD - now you do your bit.

Please tick the game boxes of your choice, and then an appropriate Option Box as well.

- |  |  |
|--|--|
| <input type="checkbox"/> PUSH OFF        | <input type="checkbox"/> ASTRONUT      |
| <input type="checkbox"/> ORION           | <input type="checkbox"/> THRUSTA       |
| <input type="checkbox"/> TRIBBLE TROUBLE | <input type="checkbox"/> JET SET WILLY |

- ☐ **OPTION ONE:** Any TWO for £5.50  
☐ **OPTION TWO:** Any THREE for £7.00  
☐ **OPTION THREE:** Any FOUR for £8.50

Please note: offer closes 24 September 1987.

**CRASH/SOFTWARE PROJECTS OFFER, PO BOX 20, LUDLOW, SHROPSHIRE SY8 1DB**

I enclose £ .....  
 Name .....  
 Address .....

Postcode .....  
 Your most favourite of professional Aunts (accept no pale substitutes) will be putting your Software Projects games in the post in a jiffy (that's the bag, not the time). She'll be as quick as she can, but please allow up to 28 days for delivery. Send your form and payment to:

PLEASE DEBIT MY VISA/ACCESS ACCOUNT £

I wish to pay by Visa/Access (delete as applicable)

Name (please print) .....

Cardholder's Address: .....

Signature .....

Expiry Date .....

Please Charge My Account No:

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--





# TECH NICH E

## JON BUT NOT FORGOTTEN

Sorry – JON BATES's column of sound advice is silent this month (we were pushed for space, which makes a change, y'know?). Jon will be back next month... with a bit more than usual, perhaps...

## TECH TIPS



This month **SIMON N GOODWIN** explores Beta BASIC 4.0 with its 128 hardware commands, discovers an interface which can handle printing from anywhere inside a program, and corrects some mistakes of times past...

# PRINTING WITH A PEDIGREE

ROMANTIC ROBOT launched its Multiprint interface at the ZX Microfair in May. It's a Centronics parallel interface for all versions of the Spectrum except the +3, featuring a unique front panel which can be called up at any time, whatever program is running, to save or copy screens, change printer settings, and apply POKEs. Similar controls are available from inside a BASIC program.

The Multiprint comes in a typical black box which contains two 8K banks of ROM and RAM, as does the Multiface.

The RAM stores configuration information till you disconnect the power to the computer. Romantic Robot says the RAM can also hold

utilities designed for the same company's Multiface, such as the Genie hacker/disassembler, the Gamester POKE-generator, and several forthcoming packages which will be reviewed in future columns. Early versions of Genie won't work, though, as Romantic Robot has reassigned the control ports. (The company will supply an upgrade for £1.95.)

Multiprint hooks itself up to device p, channel 3 in ZX BASIC, so it can be used in programs with normal LPRINT commands. Special REM statements can set margins and control the translation of BASIC tokens – a nice touch.



► And in the black box, Romantic Robot's Multiprint interface

## BUTTON OPTIONS

By pressing the red button on top of the Multiprint, you can call up the rest of the ROM software at any time. A temporary menu then appears on the bottom two lines of the screen, as with the Multiface. You can edit memory, adjust printer settings, print the display, and quit or restart the program.

The toolkit to edit memory lets you store data anywhere in RAM, typing the values in hex or decimal. A 16-line transient window can be opened to tabulate memory contents as text or in hex. Register values can be examined and changed.

## PRINT OPTIONS

The printer-setting menu lets you impose margins and a line-width for text. You can print any group of consecutive lines from the display; by default the Multiprint outputs all 24 lines, rather than the top 22 printed by COPY.

Some Centronics printers require separate wind-paper and move-to-margin signals, known as line feed and carriage return. Others, like my ageing Epson MX-80, can make do with carriage return on its own, and wind the paper on twice if both signals are sent. One keypress turns off the Multiprint's line feed.

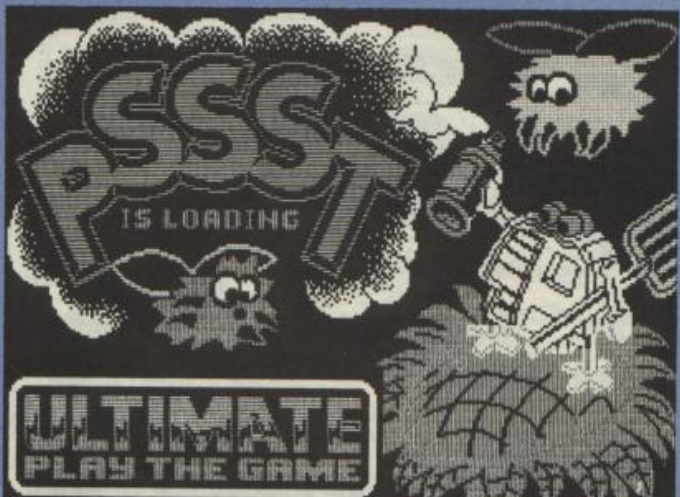
You can tell the interface to translate tokens – character codes greater than 127 – into Spectrum keywords, or to transmit them straight to the printer. The second option is useful when you want to send control modes.

## SCREEN PRINTS

The last option on the printer-setting menu controls the effect of the PRINT option on the main menu.

The first setting gives a text COPY, which prints all the characters onscreen very quickly but ignores graphics. The code only recognises the Spectrum's 32-column ROM character set, so

► The Multiprint 'shaded' screen dump gives some sense of colour...







► ... though the 'normal' setting is quicker

it's not much use with programs that use alternative fonts, like the majority of adventure games.

The second option gives a fast graphics printout. It takes about 40 seconds for my Epson MX-80 to produce a horizontally-stretched image: 110mm by 68mm for a full screen.

The third option, Large, uses the same scale as the COPY built into the Spectrum 128. The Multiprint is about ten per cent faster than the Sinclair routine, though, taking a little over two minutes to produce a well-proportioned 165mm-by-130mm printout. This option takes no account of colour. Every set point on the screen is printed in black, so lines plotted on a black background print out as black on white, unless you've got a coloured ribbon and black paper!

The last and best option works to the same scale and speed, but uses shading to distinguish colours. The result looks like a rather grainy photo of a black-and-white TV screen.

These 'Polaroid' screen printouts are useful for almost everyone with a Spectrum and a printer. Whether you're running communications software, business programs, adventures or platform or strategy games, it's very useful to be able to print the screen at any time - when mapping, for instance.

The graphics options only work with Epson-compatible printers, so beware. I get letters every month from people whingeing that they bought a bargain printer and can't get any software to work with it. If you're buying a printer, or a printer interface, you must make sure it will work with the rest of your system before you part with any cash. Try it out, or get a guarantee.

## ADDED VALUE

In theory, a simple routine loaded into the Multiprint's internal RAM would turn the unit into a tape-backup interface. This extra feature would make it better value, but Romantic Robot is unlikely to want the Multiprint cutting into the market for its Multiface - especially as the Multiprint, with its Centronics cable, has higher manufacturing costs than its predecessor.

Both should be able to run add-on packages such as *Genie* and *The Gamester*. The Multiprint scores on its Centronics port and COPY routines. But the Multiface has the advantages of a through-port at no extra cost, built-in copying software and a joystick port.

## CROWDED MARKET

The Multiprint costs £40, or £45 with the unique option of an edge connector at the back for other peripherals. It works very well with both the Spectrum 128 and 48K model, and the magic button marks it out from the competition.

This interface has a good pedigree, coming from the makers of the Multiface and the designer of EuroElectronics's ZX LPRINT 3 and Kempston's E printer interfaces. Those old products have fewer functions at the same price as the Multiprint, but Romantic Robot may face stiff competition from RAM Electronics's £35 RamPrint interface, reviewed in CRASH Issue 35, with its built-in text editor and joystick port.

# IF YOU KNOWS OF A BETA BASIC, GO TO IT

**AT LAST** it's worth programming the Spectrum 128 in BASIC - Betasoft has produced a new version of its peerless Beta BASIC system for new models of the Spectrum. The faults that make the 128 a pain to program have been cured, and there are extra commands to bring all the hardware under BASIC control.

The 128 appeared almost four years after the launch of the original 48K Spectrum, but has only two extra BASIC commands. PLAY gives control over the Midi synthesizer ports and the three-channel sound chip - as long as we don't mind BASIC stopping while sounds are generated. SPECTRUM tells the system to revert to 48K mode, disconnecting the sound chip, serial port and 80K of memory.

Apart from these new commands, the standard 128 offers a simple RENUMBER option and facilities to store files on a 74K RAM disk. A screen editor lets you edit and enter programs character by character, without looking up obscure SHIFTED combinations to satisfy the 48K keyword-entry scheme, where some keys print whole words.

The 128's editor is good in theory, but annoying in practice. The cursor doesn't warn you whether you're about to type graphics, capitals or small letters - though in the 48K version it does, which is helpful. And there's a delay after the first key is pressed in an editing session, and no key-buffer, so the first part of your command may be lost unless you type v-e-r-y- s-l-o-w-l-y.

There's another delay whenever you enter a line, as the system converts it back into keywords so the 1982-vintage interpreter can make sense of it. That conversion sometimes goes wrong, reordering the values you entered, as recently explained in this column.

So Sinclair's 128 BASIC lets the machine down, but Betasoft has the answer.

## FAST AND NEW

Beta BASIC adds more than 100 new commands and functions to ZX BASIC and speeds up or improves many of the standard features. And Beta BASIC 4.0 (not Gamma BASIC!) is the first to take advantage of the Spectrum 128

hardware.

The package comes in an inch-thick black plastic box. Inside you find a 90-page A5 manual for Beta BASIC 3.0 (reviewed in CRASH way back in February 1986 - Issue 25), a 30-page booklet covering the new features of Beta BASIC 4.0, and a single cassette with Beta BASIC 3.0 and 4.0. Tape-loading time is about three minutes.

Beta BASIC is compatible with virtually all disk systems and printer interfaces, and it fixes the bug which stopped you sending control codes to a serial printer from the 128. It's sensible to write for advice if you've got obscure bits and pieces hanging off your system, though.

On a 48K machine, Beta BASIC 3.0 occupies 18K of program memory, which is a bit restrictive. Version 4.0 uses 25K on the 128, but you can easily use the RAM disk for program sections or arrays of up to 64K (which you can't with Sinclair 128 BASIC), so the net result is usually an increase in RAM available for programs.

## HARDWARE CONTROL

Beta BASIC 4.0 looks just like 48K BASIC when you load it, but the appearance is deceptive. You've got all the 128's hardware to play with.

A new BEEP command controls three-channel sound which plays continuously and doesn't stop your program running at the same time (hurrah!). Hundreds of sounds can be queued, and there are commands to empty the queues and check their contents.

You can control all the features of the sound chip, and the manual lists plenty of examples - trains, planes, boings, zzaps and crashes (of course). Music is trickier, as you must use internal note values (as listed in CRASH Issue 32) rather than note names or semitone numbers. The manual contains helpful examples, and PLAY works normally.

Beta BASIC 4.0 lets you store arrays on the RAM disk, rather than in the normal BASIC area. This gives you access to 73K of extra variable space. 1K of the standard 74K RAM disk is always used by Beta BASIC; a further 2K may be used for sound queues, and 10K during graphic FILLing. New commands let you read the

► ... but on the 'large' setting every point is printed black





RAM-disk catalogue and file details from within a program.

Arrays on RAM disk can be sorted or searched very quickly with single statements. There's an irritating rule that references to RAM-disk arrays must be at the start of a calculation, though. The arrays use the format of DATA files, and you can copy them directly to disk or microdrive. Programs on RAM disk can be listed directly – there's no need to LOAD them first.

Routines can be merged or deleted automatically as a program runs – there's even an error-trapping function to tell you the name of a routine that's needed but isn't there. And it's possible to run programs of over 90K if you organise them carefully.

## TYPING PRACTICE

In Beta BASIC you can select 48K-style keyword entry, with extra keywords accessed from graphics mode; 128K letter-by-letter typing; or an ingenious mixture of both. In this last mode, keywords at the start of a statement can be typed with one key, or letter by letter if you start with a space – an easy habit to pick up if you're used to entering text.

Common commands – LET, PRINT, GO TO and so on – can be typed with one keypress, and the others can be typed in full so there's no need to look up the required keyword.

User-defined keys are allowed. You can program any group of characters to pop up when you press SYMBOL SHIFT and SPACE followed by a letter or digit of your choice.

Like the 48K Spectrum, Beta BASIC edits lines one by one at the bottom of the screen, but editing is much easier than on the 48K. You can join and split lines at will, and edit lines by numbers with no need to LIST them first.

The UP and DOWN keys move quickly through a long line, and you can jump directly to either end of a line. Beta BASIC stores lines faster than 128 BASIC, though there's still a slight pause after you type ENTER.

If you like, Beta BASIC will automatically indent your listings to show the 'scope' of loops and tests. You can put premature line feeds into a listing, to arrange statements tidily.

The Beta BASIC toolkit lets you list procedures, groups of lines, variables and key definitions. There's an automatic line-number generator, convenient for entering listings. You can automatically search out and replace information in a program. And any group of lines can be renumbered, moved, saved or deleted in one step.

## BLOCK STRUCTURE

If you're into structured programming, Beta BASIC will suit you down to the ground. It has named procedures with local or reference parameters, and you

can set defaults for missing values. Recursion works fine, and there's no problem passing arrays, or lists of items to be processed one by one.

Besides the normal IF and FOR statements there's a multiline IF THEN ELSE and a general-purpose DO...LOOP with conditional EXITs allowed from any point. You can combine or 'nest' these structures as you like. There are also single and multistatement versions of ON GO TO and ON GO SUB, but alas no SELECT or CASE statements.

Beta BASIC even speeds up a few ZX BASIC commands. Some aspects of ZX BASIC slow down alarmingly as program size increases, but Beta BASIC avoids this, so FOR loops, GO TOs, GO SUBs and RETURNS can be up to 20 times faster in long programs.

Most statements work at the same slothful rate as normal, but the array-handling tricks can give an impressive speed-up. Often they let you replace a loop with a single machine-code command. Sadly, there's little prospect of a Beta BASIC compiler.

Array-handling is comprehensive, to say the least. New keywords quickly sort and search string and numeric arrays. You can shuffle whole rows in one mighty move, and the current 64K of memory can be treated like an enormous string array, which you can slice and set at will.

## FUNCTIONS AND ESOTERICA

Beta BASIC 4.0 includes 30 new BASIC functions which translate values from one form to another in lots of useful ways. Machine-code support is lacking, apart from two-byte PEEK and POKE and number-base conversion functions. New integer operations include MOD and bitwise AND.

You can convert numbers into three-byte, four-byte and five-byte strings, which can be convenient for sorting and packing data into records. Extra trigonometric functions trade accuracy for speed.

Print-formatting allows neat tables of figures. Variable values can be edited on screen – as with INPUT, but with a default value entered for you. An ingenious command passes characters to the command line as though they were typed in, so a program can edit itself!

There's an alarm clock, with options for a continuous display and a jump to a certain line when the alarm goes off, but the clock loses time during disk and cassette operations. You can divert execution to a subroutine when each end-of-line is reached in the main program, which can be useful when debugging. Errors and BREAK can be trapped.

## QUICK ON THE DRAW

Beta BASIC graphics commands include a FILL function which

colours bounded areas of the screen. Version 4.0 uses 10K of RAM disk space as a work area, making filling spectacularly fast – almost any shape can be filled in under a second. A function lets you check the number of points painted, and you can fill shapes with any pattern of 16 by 16 dots – great for wallpaper-designers.

Version 4.0 includes superfast line-drawing commands. DRAW is about two-and-a-half times quicker than normal; CIRCLE works over the screen border, and is more accurate and 12 times faster than normal. All the drawing commands, with the annoying exception of FILL, will work on the whole screen – not on just the top 22 lines. But Beta BASIC lets you confine display output to a window or a limited area of the screen.

Character shapes are based on the normal 8x8 character set, or a 4x8 alternative, but you can choose any character size. You can have one character filling the screen, or 24 lines of 64 characters. Text can be positioned with pixel accuracy. You can shift and scale graphics within a window, and use absolute coordinates, rather than offsets, when drawing lines on the screen.

Other commands let you independently manipulate the colour-attribute grid. Areas of the

screen can be smoothly scrolled in all directions, or saved for later redisplay in various sizes. These commands are fast enough for static pictures and graphic design work, but they'd be rather clumsy for animation. There are no masked sprite commands for games programmers.

## THE VERDICT

Beta BASIC shows the Spectrum off very well. It's elegant, reliable, friendly and much more powerful than BASIC add-ons for, say, Commodore or Amstrad machines. Like all BASIC interpreters it's a bit slow for shoot-'em-up games, but it's ideal for most other programming projects.

Beta BASIC 4.0 on the 128 is exceptionally powerful, with extra commands, faster graphics and full access to the machine's extra RAM and sound chip. If you intend spending a few hours programming the 128 in BASIC, Beta BASIC 4.0 is the best utility you could buy. It's not cheap, but you get a heck of a lot for your money.

Beta BASIC 4.0 costs £15.95 (upgrade from 3.0: £8.95) from Betasoft, 92 Oxford Road, Mosely, Birmingham B13 9SQ.

## UPDATES

■ Readers report that orders for *The Gamester*, an infinite-lives utility reviewed here in June, have been returned by the Post Office marked 'no such number'. If you're reading this, D R, please write in and let CRASH readers know where to send their money.

■ There was a tech typo in line 170 of the RAM Music Machine sample-conversion program printed last issue. The variable I should be replaced by X, to match the FOR loop counter. Everything should work fine with this new line 170:

```
170 FOR X=26814 TO
26813+PG*256: POKE
X,(PEEK X)-128
```

## NEXT MONTH

IT MAY be summer, but there's lots to write about: next issue I plan to review version 3 of the Swift Disk system, which adds a fast 640K 3.5-inch disk drive to the standard Spectrum and 128. I've been using an early version for a few weeks, and I'm impressed.

There's a £20 software prize up for grabs as usual, so keep sending your own tips to the usual long-winded address:

**Simon N Goodwin,  
TECH TIPS, CRASH,  
PO Box 10, Ludlow,  
Shropshire SY8 1DB**

### Kobraisoft Spectrum 48K/128K Utilities

**SD3 ADVANCED TAPE TO M/B UTILITY:** Transfer even the latest programs – e.g. *FIST*, *BOMB JACK* – also the latest Pulsed Leader programs e.g. *BATMAN*, *WINTER GAMES*. FULL Manual, PLUS Disassembler, PLUS FREE Header Reader. **Price: £6.95 (inc. P&P). On Microdrive Cartridge: £8.95 (inc. P&P).**

**SO3 TAPE TO OPUS DRIVE UTILITY:** As for SD3 – but transfers to Opus Drive – similar superb value. **Price: £6.95 (inc. P&P).**

**SHARPSHOOTER:** A 100% Machine Code multiscreen Arcade Game with superb graphics and sound. Many advanced features, multiple skill levels, uses Keyboard, Kempston or ZX Interface 2 Joysticks. Incredibly addictive. **Price: £7.95 (inc. P&P).**

**KOBRAISOFT SPECTRUM Z80 MACHINE CODE COURSE:** A 12 month course from Beginner to Advanced level. Suitable for anyone. Applies to all current Spectrum models. **Price: £15.**

**SL3 ADVANCED SPEEDLOADER:** Converts most programs to Fast Loaders with a choice of SIX loading speeds. Multi-coloured and various other loading borders – converts even the latest programs. FULL Manual, PLUS FREE Header Reader, FREE Disassembler. **Price: £6.95 (inc. P&P).**

**SUPER INTERFACE FL1:** A superb interface which converts almost ANY program to reload at any one of FIVE speeds as a Fast Loader – AUTOMATICALLY! Programs reload independently of FL1. **Price: £29.95 (inc. P&P).**

**SUPER INTERFACE MD1:** This interface converts programs to microdrive fully AUTOMATICALLY. COMPACT code – gives TWO LONG programs per cartridge! Programs reload independently of MD1. **Price: £29.95 (inc. P&P).**

**SUPER INTERFACE OD1:** As for MD1, BUT converts programs to your Opus drive AUTOMATICALLY! Similar specification to MD1. **Price: £29.95 (inc. P&P).** Send Cheque/PO to: Kobraisoft, 'Pleasant View', Hulme Lane, Hulme, Longton, Stoke-On-Trent, Staffs, ST3 5BH. (Overseas: Europe add £1 P&P PER ITEM, others £2). Send for FREE DETAILED Catalogue of ALL our products – please mark envelope 'ENQUIRY'.



# I'S A METRICAL DESIGNER

## A simple recipe for metamorphosis

Have you ever wanted to customise a game and put your signature to it? Well now's your chance with CRL's 3D Gamemaker. FRANCO FREY gives it a whirl

**THE GAME** is your typical *Knightlore* clone with 256 different rooms and the usual objects, obstacles and nasties. Fed up with the standard characters, objects and background, you simply create your own fantasy land or theme park.

The idea is not really all that new. Perhaps older readers may remember that odd excursion into games designing by Quicksilver, *Games designer*, where several different game structures could be configured from a wide choice of available graphic characters and attack waves. This was fairly limiting though, as it left little creation to the player, just a choice of combinations. Remember the Robin Candy Playing Tips cassette last year, that contained a program by Phil Churchyard which would let the player rearrange the rooms, objects and exits of *Sweevo's World* from Gargoyle. Again, it didn't allow you to create your own graphics. *3D Game Maker* does just that.

The package consists of three programs, **3D Graphic Editor**, **3D Room Designer** and **3D Gamemaker**.

cannot obviously be changed, only the look of it.

Each graphic requires the generation of a mask - to clear the background - but this is made easier by the automatic mask generator, which follows the new object's outlines and provides a quick starting point for further modification. An individual block can be stored in a temporary buffer, so that it can be copied into the next graphic block - useful for moving sprites or for similar looking objects. The block can be flipped over from left to right and a fill routine provides some further help in the creation of your graphical element. **SAVE**, **VERIFY** and **LOAD** routines are provided for permanent storage.

The **3D Room Designer** is a facility for positioning objects and aliens at any point, and for the addition or removal of the exits which connect the rooms. The colour of each room can be specified. Each object position requires memory and a memory status indicator displays the amount of memory still left.

The game area is a 16 by 16 matrix of rooms, but only one

object within the room.

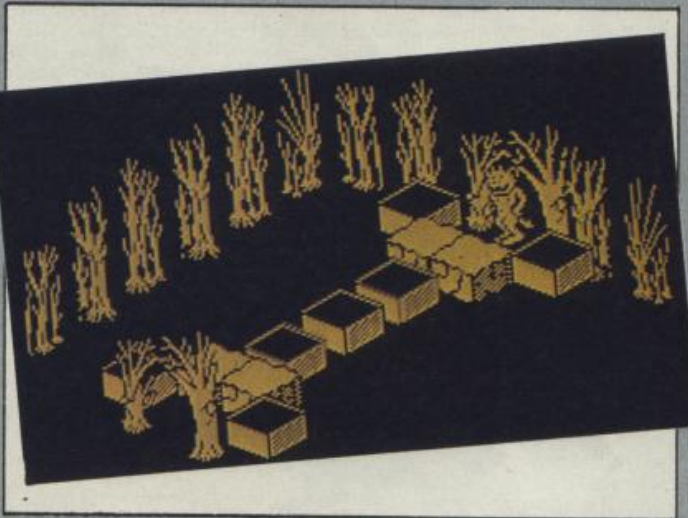
The current object can be selected by scanning the complete graphic repertoire for objects and aliens, and the joystick/cursor keys are used to move the object about. An Epson screen dump may be executed for keeping a record of the game area. Generated room data may be saved, verified and loaded from tape for later use.

and, if satisfactory, saved with the appropriate name as an independent game file.

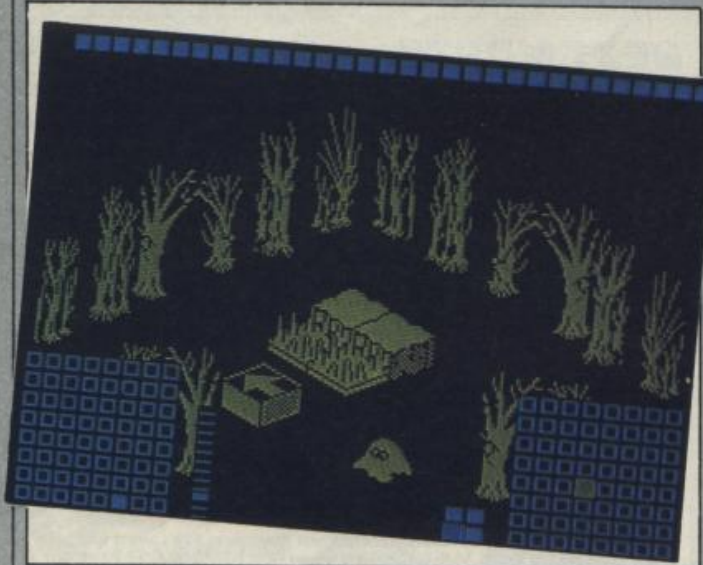
The utility programs are very well presented and designing the graphics and the room layout is simple and enjoyable, as most of the commands are accessed in true point and click style.

If the package were to be judged purely on the merits of the sample game, it would not end up in the

► A screen from *3D Adventure*, the game included in the package.



► On the Room Designer screen the lower left-hand block shows object's position within room, and beside it, the bar indicates its vertical position. On the right is the 8 x 8 grid of rooms, showing current room position, and beside it, the current quarter being viewed.



As its name implies, the first provides a graphics utility, which accesses the available range of graphic blocks/sprites and allows you to modify or create your very own designs. Each graphic is assigned to a function, ie fixed or moving/crumbling object, background/room border block or player/nasty sprite. This function

quarter of this is displayed, with an indicator to indicate which quarter is active. The position of the current room is indicated in the lower right-hand corner of the screen along with the position of the current object within the room. A 15 by 15 matrix shows the horizontal position, and a bar graph the actual height of the

The **3D Gamemaker** is the master program which is required to save the customised version as an autonomous file on cassette. This loads with an example game called *3D Adventure*, which can be accessed from the main menu, and which should provide a good example of what can be achieved. The same menu, however, provides the facility of loading the customised graphics and room data. The game can then be tested

top charts, in fact it would be rated as a poor to mediocre version of the particular game style. But with the possibility of creating your very own version, it should interest some of the would-be m/c programmers, who will never make it on their own. As long as nobody expects to create a new games technique with it, *3D Gamemaker* should prove to be a versatile utility within the constraints of the program framework, but it's important to remember that apart from the disposition of the rooms and the objects, it's only the graphical look of the game that is going to change.

**3D Gamemaker**, CRL, £9.95 cass, £14.95 disk, joystick or keys



► From a ferocious snarl to an evil grin, the Graphics Editor is the meat of the program



# Twice the Adventure.

## BARBARIAN

The Ultimate Warrior

At last, the most realistic and exciting sword-fighting game for the home computer. One or two players — fight against the computer or a friend.

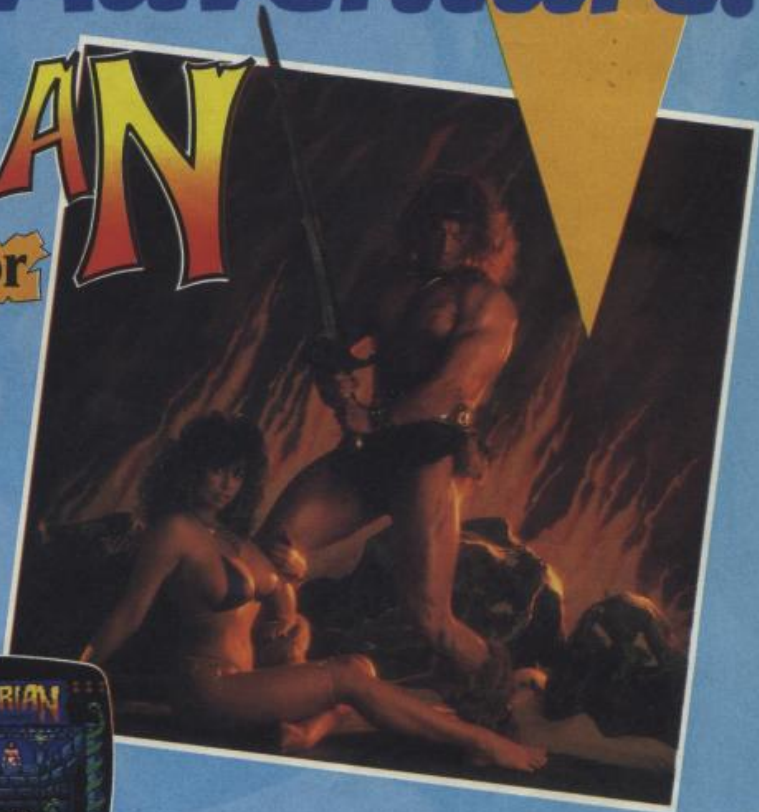
"Remarkably impressive ... a real slice 'n' dice fight" — Crash

"A real winner" — Commodore User

"Animation is most realistic we've yet seen" — C&VG

"Buy it" — Sinclair User

C64, Spectrum, Amstrad cassette £9.99, C64, Amstrad disc £12.99.  
Includes large colour poster.



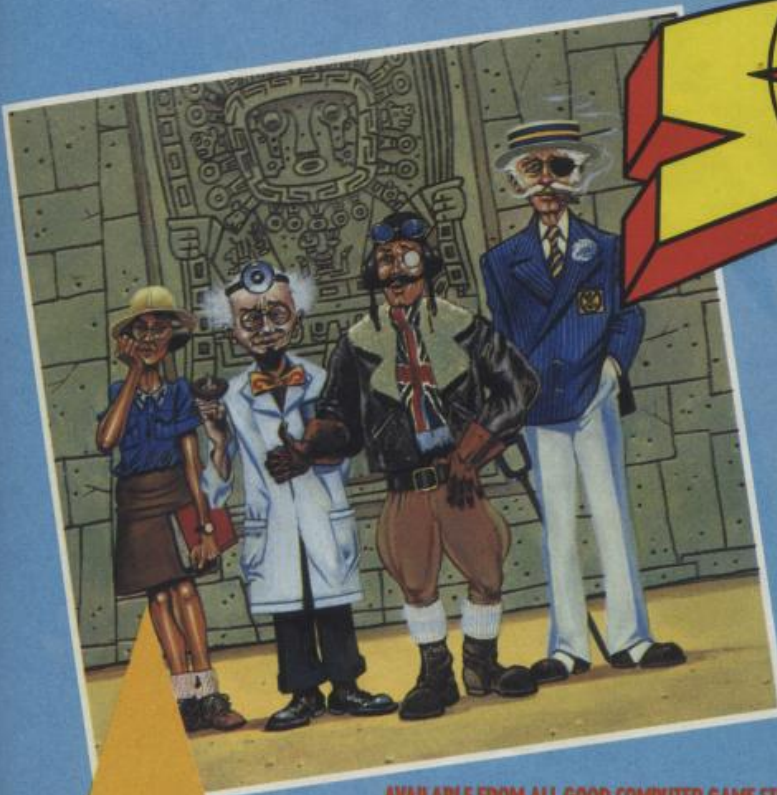
COMMODORE



SPECTRUM



AMSTRAD



## STIFFLIA & Co.

A unique and hilarious action back-packed adventure that combines the fun and skill of arcade games with the complexity of an adventure. Joystick and brain required!

"As always Palace have come up trumps ... another spiffing game. It has a style and sense of humour that smacks of the old Empire days" — Computer Gamer

"If you're a games player desperate for something different then take a look ... very clever and very playable" — C&VG

"Rarely have I seen the idea of the icon-driven adventure implemented with such style and sense of humour ... enough to capture the imagination of the most jaded player" — Popular Computing Weekly

C64, Spectrum cassettes £9.99,  
C64 disc £12.99. Amstrad version  
available soon.

All versions include large colour poster.



AVAILABLE FROM ALL GOOD COMPUTER GAME STOCKISTS, OR BY MAIL ORDER FROM:  
PALACE SOFTWARE, 275 PENTONVILLE ROAD, LONDON N1 9NL.  
SEND CHEQUE OR POSTAL ORDER. ADD 80p TO THE ABOVE PRICES FOR POSTAGE AND PACKING  
ACCESS AND BARCLAYCARD HOLDERS TELEPHONE 01-278 0751.

# Double the Action.





THE  
AWARD-WINNING COMBAT  
FIGHTER SIMULATION

# F-15 Strike Eagle

- ▶ Endless hours of constructive entertainment
- ▶ Highly accurate combat flight simulation
- ▶ Outstanding 3-D graphics
- ▶ Multiple combat missions
- ▶ Various levels of difficulty
- ▶ Hundreds of exciting scenarios
- ▶ Realistic cockpit instrumentation



## The Combat Fighter Simulation

Fly MicroProse's highly successful, award-winning combat simulation—if you dare. F-15 Strike Eagle puts you in control of one of the most deadly, advanced fighter planes ever to take to the sky. And challenges you with many of the decision processes and dangers faced by real combat pilots.

Climb into your own F-15. Into the hot seat. Your goal is to survive a series of strike missions over Southeast Asia and the Middle East.

Use a breath-taking array of hi-tech flight, weapon and information systems, including computer assisted targeting, Heads Up Display and airborne radar. The ability to outfly, outfight and outthink the enemy spells success.

F-15 Strike Eagle. The ultra-realistic simulation of modern electronic warfare.

Available for Commodore 64/128K, IBM PC and Compatibles, Atari XE/XL. Prices from £9.95 for cassettes, £14.95 for disks.

MicroProse Software Limited, 2 Market Place, Tetbury, Gloucestershire GL8 8DA. Tel: (0666) 54326.

**MICROPROSE**  
SIMULATION • SOFTWARE

NOW AVAILABLE SPECTRUM  
AND AMSTRAD CPC





## THE BIG SLEAZE

PRODUCER: Piranha

PRICE: £9.95

AUTHOR: Fergus McNeill

**D**ow and again a piece of software looks a winner from the moment I open the package. Fergus McNeill – the comic genius behind *Bored Of The Rings*, *Robin Of Sherlock* and *The Boggit*, all spoofs of existing works, and more recently *The Colour Of Magic* – has teamed up with a company that knows how to handle a commercial proposition. The result is a marvellous send-up of the New York private detective slouching his way around the Big Apple of the Thirties.

Everything about this project gels to provide a thoroughly entertaining trip through the sleazy low life of Manhattan and beyond. The programming is competent and the presentation pleasing, with a highly readable typeface, but the main attraction is the writing style, which is so good it's hard to believe the text wasn't taken from a real novel.

Here McNeill graduates from adapting existing works, such as Terry Pratchett's book *The Colour Of Magic*, to using his own stories. McNeill's narrative style is refreshing, in the past tense rather than the present tense which jars in so many lesser games.

*The Big Sleaze* concerns the world of Sam Spillade, a dimwit



private detective whose office, way up on 3024th Street, reveals to those passing just how thick Spillade is – he thought his window sign would look better if it could be read from the inside of his office. Puzzled at the lack of business his clever sign elicits, he competes with the motto 'No case too small . . . or too cheap'.

The first two cases to breeze

into Spillade's unkempt offices are vastly different: a dame from out of town, and a patchwork dog. The dame has spent two weeks hanging out in Joe's diner waiting for her long-lost father to show; the dog has a note and a piece of a photograph its owner would rather not see put back together. Luckily for the owner, the parts of the photo are scattered about the city – but it's a taxing job for Spillade.

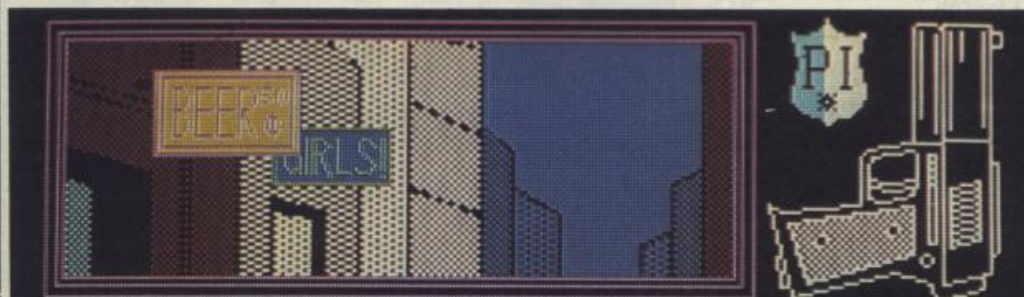
The screen consists of a simple picture with a permanent gun and PI badge in the top half, and the copious text pushing the picture off the screen from below. Anyone who's played *The Boggit* will be familiar with McNeill's verbose location descriptions and EXAMINE reports. Giving too many examples of these might ruin the game – but suffice to say that just about everything can be examined or poked about.

The ability to carry only five objects at a time is a restriction, not alleviated by the wallet which might have carried some of the smaller items. So it might be a good idea to smoke your last Lucky at the very start, with your feet up on your desk, giving rise to this short funny: 'I smoked my last Lucky and threw the stub away. I was going off these butts, slowly but surely. I guessed maybe I'd try putting the filter end in my mouth next time.'

Try another short one, this time concerning the silly sleuth's coat: 'A genuine, trendy detective-style raincoat. It cost me an arm and a leg from the NY equivalent of Burtons (not literally, of course, otherwise it wouldn't have fitted me so well).' And somewhere in the adventure you might examine some dynamite before it explodes on you: 'The dynamite had a fuse at one end and 'You die, PI!' written on it in large friendly letters.'

Time must be taken into account while playing *The Big Sleaze* – otherwise you might chance upon a bar in the dead of night when even Manhattan

► It's a hard life for Private Dick Sam Spillade as he goes for a tramp on the lonely streets of Manhattan. Did the tramp enjoy it? Find out in *The Big Sleaze* – Delta 4's latest spoof adventure



I stood on the sidewalk and gazed along the street, at the tall buildings, the lary neon signs, the people, all shuffling along aimlessly (that's the people, not the buildings or signs!). To the north, an alcove sheltered the front door of my office.

More...





Reception was, as always, a tip. Some women keep their nests tidy, but not Velma. Her desk had so many cup stains, it looked as though she was holding the Olympics there. A hatstand was in one corner, the glass door led south into my office and a wood door opened out onto the hallway.

More...

► Reception ... sounds just like the CRASH office

drinking dens close for a few hours of shuteye. On the same theme, lighting the fuse to the dynamite will allow a few moments to retire to a safe distance (there's a clue in that last line, folks!).

WAIT is a useful command to pass moments when Spillade has no choice but to sit it out. And the command EXAMINE can be shortened to X. I discovered this last one myself but the instructions do tell you of the SAY TO character command – and a HELP routine which may give the occasional clue, but too cryptically to be useful.

The effects of locking the door at the base of Spillade's office building puzzled me. This prevents some hoodlums entering the building and causing trouble, yet somehow the dame and the dog get in with no bother at all. Curious.

The Big Sleaze is a three-part

adventure and comes complete with an electronic magazine, *Sceptical 3*. The game's chief asset, apart from dealing with a familiar and highly commercial theme, is its well-written prose. Fergus McNeill has excelled himself with this one while still providing the laughs (some rude) which have made his name.

**DIFFICULTY:** one or two tricky bits

**GRAPHICS:** simple

**PRESENTATION:** neat

**INPUT FACILITY:** little beyond

verb/noun

**RESPONSE:** fast

**GENERAL RATING:** a superb read

**Atmosphere** 95%

**Vocabulary** 89%

**Logic** 90%

**Addictive qualities** 95%

**Overall** 93%



## INSPECTOR FLUKEIT

**PRODUCER:** Top Ten

**PRICE:** £1.99

**AUTHOR:** Colin Jordan

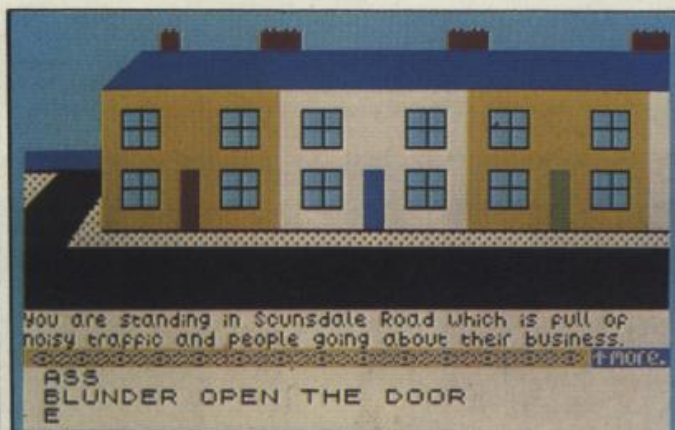


professional cover bounds this cassette's worth of frivolity, with some of the smallest writing you could get on an inlay forming the instructions. But you'll need guidance – this isn't the straightforward affair it first appears.

*Inspector Flukeit* features conversations between characters – interrogations, as once again you take the role of investigator. The character interactions boil down to little more than chalking up some everyday banter or directly asking a character to hand over something you want to examine, but don't write the game off as a

con trick; considering it's a cheap game, it's surprising how often it comes up with clever retorts to your input. And a REPEAT LAST COMMAND button shows some of the refinement in its programming.

As the eponymous Inspector Flukeit, you're called in to solve the mysterious disappearance of the brilliant Professor Mundle. You are ably assisted by your sidekick, Blunders, who is accident-prone but a helpful sort of chap. Together you must track down clues, interrogate suspects, and finally hand over the perpetrators of the ghastly crime. Blunders is your chief ally, reflected in the instructions with this set displayed prominently: SAY TO BLUNDERS, ASK BLUNDERS, TELL BLUNDERS, BLUNDERS! After a while you wonder if the chap is misnamed, as he becomes almost







dependably useful.

Other characters around the professor's Radley Mansion, including the porter, maid and gardener, might prove useful, though the diary found in the library gave me the easiest advance. And when the going is rough, a well-timed examination of the surroundings often smooths the way. Failing that, the adventure has a VERBS command which brings up some of the useful verbs allowed.

If it's the unresponsive characters giving you a hard time (they often daydream while you're talking to them, missing everything you say, or just gaze at you with a funny look), perhaps they'd like something from you to put their minds at ease and allow you to probe more deeply...

I've left the bad news about this game till last. This flaw was so bad that I almost gave up playing *Inspector Flukeit* before I got into it. The game, commendably, is written around the author's own system (termed 'Worldscape') but, as so often with homemade systems, the input routine is dodgy, leaving you wallowing and bogged down in keys.

It's not the worst input system I've played, it's just a little slow – and there's no beep on inputting each letter, which makes it all the more uncertain. The dropping of the usual input cursor is disorienting, and the game itself is very slow and ponderous, a reminder of BASIC days.

There aren't many pictures, and those that do pop up – to scroll quickly off again – are not of a high quality. And the look and feel of the screen is somewhat *Hobbit*-like, right down to the omnipresent WAIT marching roughshod over everything.

*Inspector Flukeit* is a terribly slow program and might test the patience of some, but for those who persevere there's a super little detective story just waiting to be discovered.

It's one of the first releases on the Top Ten label, which launched in June.

**DIFFICULTY:** use VERBS command and all should flow fine  
**GRAPHICS:** sparse and simple  
**PRESENTATION:** average  
**INPUT FACILITY:** beyond verb/noun  
**RESPONSE:** S-L-O-W  
**GENERAL RATING:** flawed program, but a great little adventure

Atmosphere	76%
Vocabulary	78%
Logic	70%
Addictive qualities	79%
Overall	70%

## THE MYSTERY OF ARKHAM MANOR

**PRODUCER:** Melbourne House  
**PRICE:** £7.95  
**AUTHORS:** Mike Lewis, Carl Cropley

**P**lease, please don't make me go through this one again. I've read the instructions three times and I'm still not convinced there's much point in playing this game. It's not just that *The Mystery Of Arkham Manor* is annoyingly slow, or that it's fundamentally boring, it's that there doesn't seem to be a concrete way of scoring.

Let me explain. You are a freelance reporter on assignment for *The London Chronicle*. The idea is to jot down events in your notebook and take photographs with those newfangled things called 'cameras', this being back in 1924, when people got their news from things called 'newspapers'.

Only trouble is, how does the computer know if you've compiled a good report for your newspaper, or just made the stuff up?

And it's not just scoring which is hit or miss.

You're following up a story in Arkham, a quiet country village. One Colonel Lemin, a former MP and member of the Foreign Office, has sent a letter to the *Chronicle* describing some peculiar happenings around the hamlet.

You get this piece of vital information from his wife, who I snapped as one of my photographs. Don't ask me what you must photograph – I couldn't tell you. Scoring and finding a direction to the game is not easy.

Direction, indeed... that reminds me of something I'll get to after telling you about this camera lark.

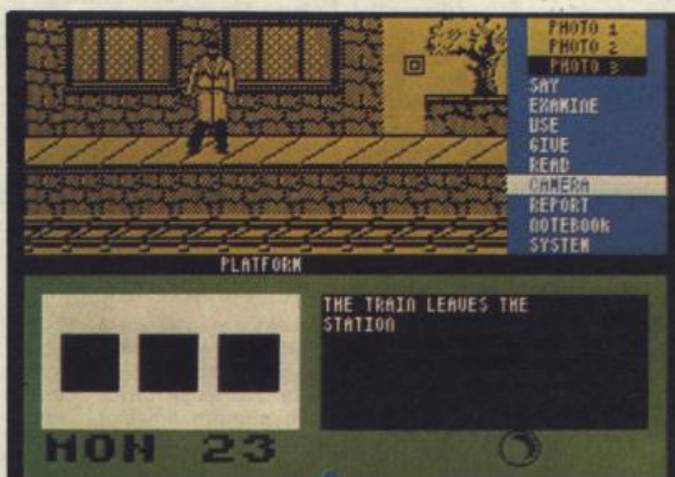
It being 1924, your camera is one of the early portable plate

every control in the game. (The menu system is particularly clumsy and awkward, and slows things down.)

Right, that direction business I was on about. As if the game didn't have enough major failings, the programmer throws in an absolutely mad movement system: your character walks into a new location from the opposite side to the one you've chosen.

This crazy mannerism isn't apparent at every move, but it does fit in with the scheme of things in a game that doesn't know where it's going or which way it's facing. Knowing where you're going and where you

► Whoops! Looks as if our freelance hero has missed the train – shame



jobs. It's not in the same league as today's models, and you'll find it impossible to move the viewfinder above head height. Luckily, the camera assumes you

might end up... is almost impossible.

The report area, where you construct your own page for the *The London Chronicle*, isn't immune from bugs though it's important. Selecting a headline and then a photo I found that, quite rightly, my write-up began next to the photo, forming a neat border. But the next line of text ran right through the photo, ruining it.

I got a little fed up with my career at *The London Chronicle* and decided *Arkham Manor* was best left to the zombies that roam its graveyard. May old Lemin rest in peace.

**DIFFICULTY:** instructions are too clever and stupid at the same time

**GRAPHICS:** good  
**PRESENTATION:** good  
**INPUT FACILITY:** menus leading to submenus  
**RESPONSE:** acceptable  
**GENERAL RATING:** flawed, but an original idea

► The Lounge Bar, well, where else do you expect to find a journalist?



After a so-so intro tune, you begin the game armed with the Colonel's letter and a note in your notebook to meet the old blighter at the railway station. He doesn't meet you, though, and playing a little further you find out why – he's dead.

want the head above the neck as well!

There are three photographic plates which can be reused; they're shown at the bottom left of the screen. The cursor-controlled movement of the viewfinder is jerky, like just about


Atmosphere	68%
Logic	69%
Addictive qualities	58%
Overall	63%





## THE FANTASY

PRODUCER: Mediandroid  
PRICE: £1.99  
AUTHOR: Simon Jones

 Mediandroid's first release *Delta 7*, a few months back, was only 99p – so you might expect *The Fantasy* to offer a little more for £1.99. Well, for reasons lost to time I didn't review *Delta 7*, but perhaps they were good reasons; *The Fantasy* is one of the worst pieces of software I've received for some time.

Its principal failing is a distinct lack of grammar and proofreading. A traditional text adventure stands or falls on the words it chooses and how it puts them together, and if the words are jumbled and misspelled the adventure falls to earth with a bump.

And *The Fantasy* just doesn't

read right. Omissions of one or two words in just about every location description, frequent typing errors and a puzzling absence of apostrophes add up to an indigestible suet pudding of a game. Even if the author claims illiteracy like so many programmers, surely he could team up with a literate, or take on a literate for the proofreading stage.

Leaving a note for your mum you start the adventure and leave the house in search of your dad. To the west is the milkman and a bottle of milk. For some unknown reason GET BOTTLE always ends up with you dropping a mirror and it smashing into a hundred pieces. I say 'always' because you can attempt picking up the bottle and consequently drop the mirror as many times as you want.

If you GET MILK you do pick up the milk bottle but even then

GET BOTTLE will bring up that mysterious mirror!

Moving swiftly east, you meet an old lady who hurries off – but not before dropping a rather useful knife. And the next location has you cast as the victim of a kidnap, presumably the fate of your father before you. A van pulls up to the kerb and a man brandishing a rifle throws you into the back of the vehicle and speeds off.

The following location is a smelly, damp, spider-infested hut. You are tied and gagged, and the screen goes black in sympathy with your predicament.

There's something very curious about this scene: you can pick up and examine the piece of wood even though your hands are bound tightly. Stranger still is the ease with which you can repeatedly open the door, again while supposedly restrained. Just to round things off a look at the inventory in this darkness reveals an illegible list – the author hasn't compensated for the change in

screen colour.

*The Fantasy* isn't such a bad adventure storywise, but it'd take a person with a curious sense of humour to find out. Only buy this one if you find poor quality adventures a novelty.

Mediandroid (Sales) is at 285 Melchett Road, Birmingham Factory Centre, Kings Norton, Birmingham B30 3NN. Incidentally, Mediandroid is run by Simon Jones of the Wizz, featured in this month's FANZINE FILE (page 48).

DIFFICULTY: reading the text isn't easy

GRAPHICS: none

PRESENTATION: poor

INPUT FACILITY: verb/noun

RESPONSE: just

GENERAL RATING: not good

Atmosphere	48%
Vocabulary	50%
Logic	47%
Addictive quality	48%
Overall	49%

## OPERATION BERLIN

PRODUCER: Wrightchoice  
PRICE: £3.95  
AUTHOR: A J Wright

 Wrightchoice's *Operation Stallion* was reviewed in the June bumper section; this is the second part of the *Operation* trilogy. The series has a £500 cash prize at its end to help you recover from all those operations.

Now there's almost a bit of topicality here, give or take a few months – we have an election where the Tories and Labour are neck and neck, eyeball to eyeball, celebrity to newsreader, and you're so uncertain of your future under a new government you think you'll get up to some good old espionage to rig things in your favour.

I suppose an Iranian angle would have been even more topical, but *Operation Berlin* is set in the divided city with its wall (25 this year).

Berlin is close to those red Russkies, so you can expect some less-than-pleasant introductions to the KGB – and you might think it stands for Kill Great Britain once you see what they have in store for you.

As with *Operation Stallion*, you play John Blake, otherwise known as The Fixer, and your bosses, the PM and Charles Jenson (CJ), are the only ones to know that your job in Government Records is just a

cover for your secret work.

Recently a leading nuclear scientist, Professor Wolff, made a breakthrough in his research into a more efficient nuclear-powered engine. His Isotope XIV project unearthed a type of uranium which could provide more power to the drive units in

NATO K9 class submarines.

Two days ago Wolff flew to West Berlin for top-level talks with NATO staff – but never turned up. Double agents discovered he was kidnapped by the KGB at Tegel airport and smuggled to East Berlin.

Unfortunately for Wolff, but luckily for the Western powers, the professor was injured in a car crash in East Berlin in the KGB's haste to deliver him to their

bosses. But if Wolff recovers from his injuries he might be persuaded to decode his ciphered plans, and armed with his research the Soviets could deliver a crushing blow to the West. The plans must be recovered.

*Operation Berlin* has two parts, one on each side of the cassette. As with *Operation Stallion*, the first part has you on the trail of your boss, the difference here







**ENCRYPTION CORNER**  
It's easy to speak Brewster!

ENGLISH: Z ABCDEFGHIJKL  
BREWSTER: ABCDEFGHIJKL  
ENGLISH: M NOPQRSTU VWXY  
BREWSTER: NOPQRSTU VWXYZ

being that you start the adventure at Heathrow. The first frame has a curious, almost full-screen drawing of a BUSY departure lounge – but the bar depicted in the picture is deserted! Perhaps the new licensing laws haven't come through yet...

As in *Operation Stallion*, the pictures are slowly drawn. Pressing a key scrolls most of them off. First item of the yarn is a newspaper, and you'd have to be illiterate to ignore its usefulness. The public address system lightens the mystery of why John Blake is at Heathrow Airport – he was, apparently, just about to board flight B347 to New York. Well, clearly our chap ain't going to make that flight, but instead you struggle through minor obstacles and take a taxi to the familiar building seen in *Operation Stallion*.

This building houses CJ's office and the 11 items to be taken on your mission proper in Part Two on the flip side of the cassette. But before I get ahead of myself, back to the check-in desk and a novel little routine: you have a natter with the check-in girl, with you only pressing a key to reveal each part of the conversation, which moves down a blank screen. It's a small touch but it's different. Another good effect is the fade-out of text, the words dissolving from the screen as you press a key.

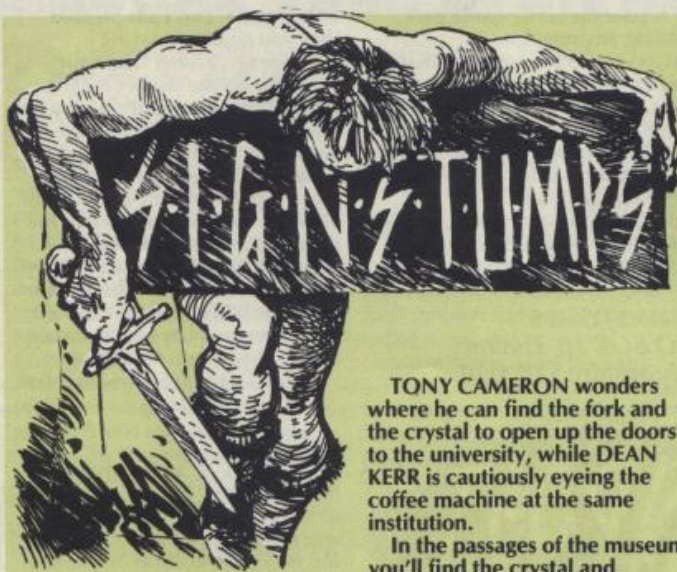
Getting to Part Two isn't difficult – solving the problems in Part One becomes obvious once you've visited all the locations inside the airport. But there's one area in the bank which might prove difficult. The problem here is vocabulary, but the commands VERBS and NOUNS point the way with their lists of useful words (incidentally, these lists are different from those in Part Two).

This second part is similar to that of *Operation Stallion* – though Wrightchoice have laudably done away with incomprehensible lines using up moves, each of which takes one minute from the 24-hour limit on the mission.

*Operation Berlin* is a fine game with a neat outlook, and it's available from Wrightchoice at PO Box 100, Troon, Ayrshire KA10 6BD.

**DIFFICULTY:** not difficult  
**GRAPHICS:** reasonable  
**PRESENTATION:** rather good  
**INPUT FACILITY:** verb/noun  
**RESPONSE:** fast text, slow graphics  
**GENERAL RATING:** interesting

Atmosphere	77%
Vocabulary	76%
Logic	76%
Addictive qualities	74%
Overall	75%



**From Middle Earth to Hampstead, here's another epic of BREWSTERISED solutions...**

**JONATHAN LONGSTAFF** writes: 'Recently I have been adventuring my way through the lands of Muddle Earth in the adventure *Bored Of The Rings* with my little furry companions. I have reached the third part of this great epic but I have run into a few problems...

- 1 What do I do with the microwave oven situated in the supermarket?
- 2 How do I get on the train?
- 3 What is the purpose of Madame Blah Zsa and her crystal orb?

Thanks to GARY SPENCER'S tips I can answer the first two queries. Put the ring in the PWFO. The ghost gives you a HVO. Find the ticket collector and TIPPU him; get the ticket.

**MAT JOBSON** is bogged down near the start of *The Boggit* and wants to know what to do after getting the great ring.

Go through Boggiton and south again (you should be in a wood). IJEF JO USFFT. Go north till you get to the bridge. Go E, S; when you get to the hedge go down, E. When you get captured by the willow tree further north TIPVU IFMQ. Follow Tim. (DAVID AKROYD)

We'll say goodbye to *The Boggit* but stay with Mat, who is similarly stuck near the beginning of *The Very Big Cave Adventure*. Drop all the treasures in the welly house. Unlock the grating with the keys and then down. MJHIU the lamp to explore the caves. (JOHN WILSON)

*Rebel Planet* is very much the flavour of the moment, so let's have a look at two SIGNSTUMPS on this Adventuresoft blockbuster.

**TONY CAMERON** wonders where he can find the fork and the crystal to open up the doors to the university, while DEAN KERR is cautiously eyeing the coffee machine at the same institution.

In the passages of the museum you'll find the crystal and unlocking the alcove in the basement of the hotel will reveal the fork. It is inadvisable to drink the coffee (read the mirror).

Thanks to ALEX NG sending in a *Claymorgue Castle* solution I can answer some questions from GERARD CAMPBELL. Gerard lists his problems as follows:

- 1 How do I dry the towel?
- 2 How do I kill or get past the dragon?
- 3 How do I get the can?
- 4 Can I get down from the loft without using the yoko spell?

Here's how:

- 1 Squeeze the towel and dry it.
- 2 Examine the dragon. CMPX the dust.
- 3 UISPX the bricks at the DBM. GO W, then GO DRAWBRIDGE. Get the can.
- 4 Climb the chandelier and cast the light-square spell. UISPX the DSBUF and GO LOFT.

It's that *Dracula* problem again. Part Two has DANIEL NORRIS wondering if he's fallen off the end of the program – he's left thundering into the mountains for hours, not getting anywhere.

Look around and you will see a woman. MPPL into her face. MPPL into her FZFT. You will now enter a trance. When you awaken you will only have a few inputs so DMPTE FZFT or UVSO IFBE. The woman will give you a crucifix. XFBS JU, XBJU, then board the other coach. (DAVID EDWARDS)

**CRAIG BURTON** would like a complete solution to *The Helm*, or failing that the answer to two particularly tricky points:

- 1 where to find the spectacles;
- 2 how to use them to get the needle.

The answers:

- 1 Drop the stones to cross the river and go north to take the spectacles;
- 2 You must have all the necessary items before going west at the waterfall. In the

hayfield, use the spectacles to burn the haystack and reveal the needle.

And DONALD MACKAY is wondering what's so wrong with a stone helm in the same game. A stone helm is not very impressive, so take the helm and JOTFSU EJBNOE to form the Helm Of Immortality. It's impossible to return the helm the way you came.

**BILL NEWTON** obviously moves in glamorous circles – he's stuck in *Hampstead* working on *The Fourth Protocol*. Well, perhaps I exaggerate a little as he hasn't settled in *Hampstead* quite yet. Let's see what the trouble is:

'I have tried my hand at *Hampstead* and enjoy it a lot but cannot get anything from the man on the train.'

You meet Justin Perrier on the train. Give him the MBUIF, retaining CSBDLFU, and XFBS the tie he gives you. (STEPHEN ELLIS)

'I am also stuck getting anywhere on Part II (*The Bomb*) of *The Fourth Protocol*, in particular the code for the second lift in this part. We completed the first and the answer given allows you to proceed onto Part II. It is the lift code and is ASPEN which then lets you out of your building to join the MI6 from the MI5. However, to get into your office in the MI6 building you need to use another lift with another code and try as we may for several months we seem to have mapped the whole of London but can't get anywhere because we can't find this code.'

To get past the guard, use ID, go E and a man will give you a small note which reads 'In Xanadu Did Kublai Khan A Stately Pleasure'. If you number each letter – ie I = 1, N = 2, X = 3, etc. Then take the code ASPEN and find which number corresponds to each letter. Therefore the code is 4/24/31/28/2. Go to the corridor and look. You will be asked to input the code. (COLIN DORRANCE)

Also trying to attain *Hampstead* is ADRIAN TOON, who can't

- 1 open the filing cabinet;
  - 2 get any money from the job;
  - 3 meet Pippa.
- 1 GPSDF DBCJOFU with screwdriver. Examine DBCJOFU. (PHILIP WALKER)
  - 2 Find the estate agent and buy the cottage with the ESBGU you get from voting option 3.
  - 3 Go to the eastern end of Oxford Street. Go SE,S,S,S,E,SE. If you are wearing your TVJU and UJF,





and have the deeds, you can get Pippa. (2 and 3 from NEIL MCCABE)

An *Aftershock* quickie rounds off this month. CHRIS HILL wants to know what to do when he gets to Silas King's house. If I've got the right derelict house, you go upstairs and support the stairs with the beam.

I've run out of time and space this month – remember, if your query wasn't featured, it may be answered next month.

If your favourite game isn't getting any mentions in SIGNSTUMPS it could be that I haven't got the solution in my files. So even if SUPERHERO fame is beyond you, how about sending in a solution? You can see your name in print whenever your tips are used. As for questions on games, well, that's what SIGNSTUMPS is all about so send in your worst to:

**SIGNSTUMPS**  
PO BOX 10, Ludlow,  
Shropshire SY8 1DB

of the game, and I am pleased that you enjoyed playing it.

However, I must take issue with you on the *Book Of The Dead* 'complete solution' you also printed. We sent you the game solution to help you when reviewing the product, not to make it public. Many people will not feel it worthwhile to buy the game since they know how to solve it. Okay, we wouldn't have minded if you'd printed a solution someone had sent in, but doing it before anyone has had a chance to play it is, I feel, unhelpful.

MARK DAVIES, The Essential Myth

But have a heart – this frightened creature knows nothing of the dubious joys of adventuring, and genuinely thought such a solution would put poor adventurers out of their misery.

And as it was I who sent the solution down to the Towers (ostensibly to help Mr Photographer through the intricacies of the game) I must take the blame, and not only apologise for the full solutions in that issue but also promise to be more discreet with solutions in the future, be they from a software house or a member of the public.

DB



## COMPELLING SPELLING

Dear Derek

With reference to the letter from Eamon Scanlon in the June issue of CRASH – he has found 16 *Price Of Magik* spells when there are in fact 18. The two he is missing are:

- 1 ESP, which has the crystal ball as its focus, and
- 2 DED, which has the wheel as its focus.

In answer to Eamon's plea for help:

- 1 To get through the door in the stone room
  - A CAST ESP EAST to see beyond the door and see the dead idol
  - B CAST BOM at the idol
  - C CAST ESP again and CAST HYP to control the idol
  - D CAST ESP again and type 'IDOL, OPEN DOOR'

It is then possible to travel eastwards.

- 2 The answer to the riddle is FEAR and does not need to be used till asked for. This occurs at a point beyond the door in the stone room.
- 3 I don't know of any reason to go past the dark dead end.
- 4 There is no need to open the sarcophagus.

R C MORTON, South  
Humberside

However, there are a few points which, being either incorrect or not present, need clarifying.

- 1 Some directions in the Bank are incorrect, and a key location containing a treasure is missing.
- 2 The Crown does not appear after visiting the Crypt as stated, but after another act has been performed.
- 3 There are no dead ends in the Catacombs.
- 4 The directions inside the World War II bunker are incorrect and therefore most misleading. Following the route John Barrie has suggested would most certainly get you blown up!
- 5 Obviously, only locations which are important have been drawn. However, several have been missed out which could mislead an adventurer.
- 6 Though the map is detailed, John hasn't made it clear what to do with all the items, or their various uses.

The above apart, John Barrie's map is excellently conceived and drawn (somewhat better, in fact, than the one I worked from!). I would dearly love to know just how long it took him to complete my adventure, which was written in 1984 and released by Orpheus.

KEITH A PARROCK, Middlesex

You don't give much away, I'll give you that!

DB

Yes, Mark, I was equally as flabbergasted at the published solution for your game (even if it was just a quarter as you say) – in the very same issue as the review! The responsibility for this heinous crime lies up in a lofty turret within CRASH Towers. The culprit, an arcade-nervous joys-tickwocky, is at this very moment scurrying about in fear of having its interface surgically removed.

I haven't forgotten David Salter's epic GAC letter – by next month it'll be a classic... In the meantime, David wins a well-deserved £20 worth of software. Keep your letters, postcards and sealed parchment scrolls coming to: Derek Brewster, SIGNPOST, CRASH, PO Box 10, Ludlow, Shropshire SY8 1DB.

## SUPERHEROES

There's been a super response to the call for more SUPERHEROES this time. From every walk of life, and for every game imaginable, there have been fearless souls who have boldly gone where no other adventurer had the heart to go – the very end of an adventure game. Let us begin with the big Tolkien-inspired classic *Shadows Of Mordor*.

'I bought *Shadows Of Mordor* on 5 June, one day after its release, and by 7 June I had completed it. I think *Shadows Of Mordor* is one of the best adventure games I have ever played but it could have been longer or harder. The only thing I found wrong with it is the fact that it took a long time to load a saved game when I died. However, I enjoyed the game very much and have included the complete solution. I find it is better to only control Frodo as this makes things simpler. The first thing to do is to find Smeagol. Just wander round the first few locations and he should come to you. Ask Sam to give you the

And that's where we leave PAUL GODWIN's letter successfully claiming the title of *Shadows Of Mordor* SUPERHERO. He just pipped NEIL HARRISON, who received the following message on 7 June at 9.30pm, two-and-a-half hours after Paul: 'Well done! You now have a chance of saving your friend from the Dark Lord. Together you may yet be able to destroy the Ring and save Middle Earth.'

Dracula has always had a fatal attraction, but here we have

three chaps who've gotten the better of the Count. That special superperson for this game and the *Dracula* SUPERHERO is DAVID EDWARDS, who completed the game by 27 March, beating SIMON MOPPETT (11 April) and I MEEDE (19 April) into second and third positions.

'I am writing to claim myself a SUPERHERO. I completed *The Pawn* on my Spectrum 128K at 9.10pm on 27 May 1987. The game doesn't actually finish, as you will see. The last 'new' location is as follows: 'You are in a strange room totally alien to the rest of the adventure. The walls and floor are covered in listing paper and a large fan blows cigarette ash onto the many computers and peripherals that inhabit this weird abode. As you enter the room, a bunch of bleary-eyed, extremely tired-looking programmers literally fall out of the door. One, looking particularly harassed, hands you a listing and says 'fix this will you? – we're off to the pub to celebrate someone finishing this game'.

If you then type DEBUG, a different cursor is displayed and you can wander around the game without dying. It also displays all of the examinable objects in a room and in the laboratory it also mentions a tea chest, a jar, and a wooden box which aren't there in the normal game!

And the final SUPERHERO for this month has brought a thaw to Incentive's *Winter Wonderland*. STEVEN HOUSE of Cumbria discovered it was time for spring on 12 June.

## THAT'S MY GAME!

Dear Derek

I was delighted and not a little surprised to see a colourful and detailed map of my adventure *Underworld – The Village in the June* edition of CRASH.

## CLOSED BOOK

Dear Derek

Firstly I would like to thank you for the *Book Of The Dead* review in the June CRASH. I felt it was a very fair and accurate assessment



Excuse me, but are you doing anything from 25 – 27 September? You aren't? Well, howd'ya fancy joining **CRASH** and the rest of the software industry at . . .

# THE 10th PERSONAL COMPUTER WORLD SHOW

## GET IN FOR FREE!

The razzmatazz of THE show is soon going to be upon us all. The 10th PCW Show is to be held as usual in London, and Olympia's National Hall will change, overnight, from an empty and peaceful space into a seething mass of sweaty bodies all fighting to get at the glittering stands.

It's hot, it's noisy, it's chaotic, it's got hamburgers, it's got the best atmosphere of any show, and we love every minute of it!

And you can be there too, at a price of course – **UNLESS** you're one of 50 winners of this competition, in which case you can get into this emporium of computer-generated happiness without having to pay a penny!

When you get there you can trot up to the Newsfield stand (number 3040) and pick up your free PCW Show programme (normally worth £3) in addition to a free copy of Newsfield's new magazine **THE GAMES MACHINE** (normally worth £1.25) – set to be launched at the show. And you can natter to everyone from CRASH who should be on the stand (unless they're on 'important business', ie propping up the bar).

There'll be hundreds of software and hardware companies showing off, or previewing, their wares – some of the new software on display will be available on the CRASH Sampler; a cassette stuck to the

cover of our October issue. More of that next month. Back to the comp . . .

### Little puzzle for you.

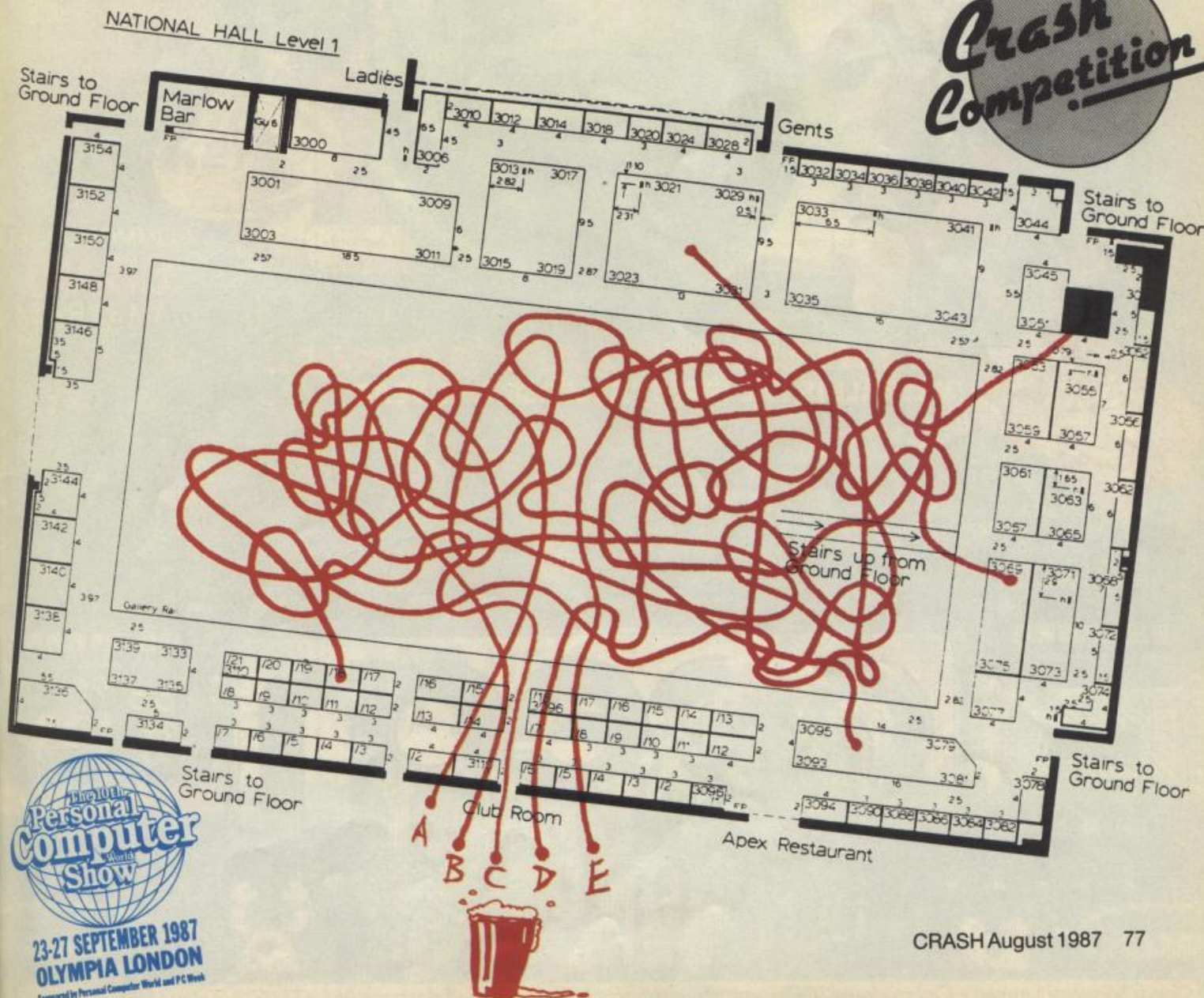
Last year ol' comps minion was sent round to the CLUB ROOM (bottom centre) to get samies, tea, coffee, buns, cake, bacon 'n' eggs, Mars Bars and saussie rolls for Aggie's breakfast (she's a growing girl y'know). So off he ran clutching a six bob note (somebody really should tell this guy . . .) and the shopping list. After bundling all the snacks into his arms he prepared for the big trek back to the Newsfield stand. But the show being packed to the limits, the wimpy one decided to fling a few ropes across the deep ravine (the space between the top

and bottom floor to you) and go hand-over-hand back to the stand (far right-hand corner).

However, all the ropes got a bit tangled up – but one did lead to the stand. If you can discover which of the five it was then jot its letter down on a postcard along with your name, address and telephone number (if you have one) and stick it in the post box with this message written on the front: **PCW COMP, CRASH, PO Box 10, Ludlow, Shropshire, SY8 1DB.**

All entries must arrive before 25 August. Tickets will be despatched to the 50 winners well in time, and they may be used on any of the public days which are 25 to 27 September.

# Crash Competition



23-27 SEPTEMBER 1987  
OLYMPIA LONDON  
Sponsored by Personal Computer World and PC Week



**"MISS THIS AND YOU'RE MISSING  
THE BEST PROGRAM OF THE YEAR!"**

ZZAPI 64

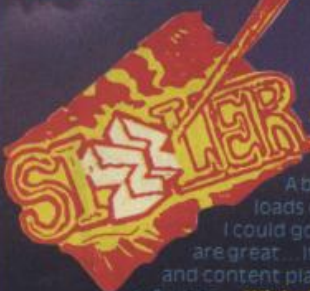
# WIZBALL

Available  
NOW  
for the  
**SPECTRUM  
& AMSTRAD**



SPECTRUM  
**£7.95**

COMMODORE 64  
**£8.95**  
AMSTRAD



## THE REVIEWERS ARE RAVING... "WIZBALL IS THE FINEST RELEASE THIS YEAR"

At last, something to enthuse about! A breath of fresh air... A very individual concept... loads of neat touches... gorgeous animation... I could go on and on... the music and sound effects are great... It's a distinctly professional production, its style and content placing it head and shoulders above existing software... **Wizball is simply brilliant** - one of the best presented, most graphically and aurally attractive and addictive pieces of software available.

**Wizball is the finest release this year.** The scenario and game design are so original... Playing is a joy... The graphics, sound and general

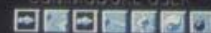
presentation are second to none, and combined with the thoughtful attention to detail and the comprehensive series of game variations, you end up with something rather special. Don't delay, go to your software shop and say: 'Mr. Retailer, swiftly hand me a copy of Wizball so that I can go home and play it forthwith.' **An essential purchase.**

A superlative piece of software. Slick in virtually every aspect, wholly original and immensely playable. ZZAPI 64

Screen  
Star

The sound throughout is great. This is definitely one groovy game... Enough imagination has gone into it to make it different and still keep it immensely playable. Graphics are fab!

COMMODORE USER







I'm finally getting the hang of **Megalomania** (famous last words?), while on the motoring front I've had my little Spitfire back for several weeks and it's still in one piece. Amazing. It must be summertime . . .

## ONE SMALL MAN GOES TO MARKET

**THE PAST** few weeks have been a busy time for several PBM companies. Ken Mulholland, joint owner of Time Patterns, tells me that the waiting list for the next game of *StarGlobe* has topped 200 and is climbing steadily. He now warns you NOT to send any cash at first, and NOT to expect a prompt reply.

*StarGlobe*, a 3-D space-exploration game, recently closed down temporarily for its annual revamp – but now it's running again. The fifth game is scheduled for a September launch.

At first this will be for new players only (experienced players should get the chance to join next year, once newbies have got to grips with the game – NOBODY gets an advantage in *StarGlobe*, says Ken).

Meanwhile, *StarGlobe Three* and *StarGlobe Four* have begun to recover from the recent epidemic of Information Module-swapping. Let's hope this doesn't happen in *StarGlobe Five*. (Ken and Carol of Time Patterns commented that nobody enjoys running a game in which half the people are cheating rather than playing. Too true.)

Are there enough PBM games? Ken made another good point. Demand for PBM games is rising rapidly, he said. If *StarGlobe* is anything to go by, there may be two people after every place in a PBM game!

PBM games fall into two major categories (if one discounts the

well-established noncommercial amateur games). There are established, reliable companies, alongside fresh producers – often people with little PBM experience. There's always been the 'small man in the market', but this is a new breed.

Ken's worrying point was: do they know just what they're committing themselves to when launching games and charging high fees to play? The well-known companies may promise a game in January and launch it in August, but at least one can have some faith in the producer when sending that postal order off on its one-way journey.

Elsewhere in the field, Jade Games have launched a new game to be run alongside *Shattered World* (CRASH reviewers report next month!). The new game, *The Knights Of The Avalon*, is a fantasy game. The aim is to build an empire through clever use of 'trade, colonisation, politics, religion and conquest'. A cheap game this, weighing in at 70p a round for UK players (£1 for others) with a free startup. Jade's address is PO Box 54, Southsea, Hampshire PO4 0NA.

I'll watch the progress of this game with interest – it may prove an alternative to *It's A Crime!*. There again, it may do the belly flop.

Those of you who have been begging for details of American football PBM games (arghh!) may be pleased to see at least two such games on the market. The best-established is *Gameplan* (write to Sloth Enterprises at PO Box 82, Southampton SO9 7FG – and remember that all-important SAE).

An alternative might be SEP's football game, with no apparent name! It's pretty pricy, and is run from PO Box 12, Eccles, Manchester M30 7BP. The rulebook was nicely written . . . but it might be wise to give SEP a month or two to establish themselves before getting into the game.

## ONE TROLL AND HIS VULTURE

This is an unusual game. We are talking different here.

70 moon trolls live on an island covered with 400 troll holes (displayed cunningly as circles on the map issued with the starter package).

You control a troll and his only friend, a vulture, with the aim of – basically – doing well. You can

develop your character's attributes through 14 commands, which often lead to amusing replies (as in *It's A Crime!*).

A couple of CRASH reviewers have plunged into the world of *Trolls Bottom*, and we should hear from them in a couple of months.

It's fairly cheap, with startups costing £3 including the rules, map, and two free turns. Later turn costs vary between 90p and £1.35, depending on what orders you make. The rulebook is impressive, well done, and mildly amusing.

Write to **Project Basilisk**, PO Box 24, Sheerness, Kent, and don't forget to mention CRASH.

The whole concept is very silly, and well worth a try if you're sick of global warfare!

## IT IS. ARE YOU?

Here's an oddity that turned up in one of my mailbags: a Scottish collaboration of three zines (*Moronica Ripsnore*, *Tome Of Horrors* and *Utter Drivel* – yes, they ARE real names) to produce one high-quality zine bearing all three names and subtitled '... SOMETHING WONDERFUL'. It is. Quite.

The 60-page zine is based on role-playing games, incorporating bits on PBM and slices of humour as well as serious articles on AEs, the ins and outs of RPG rules systems, and other bumph; there are some wonderfully funny chapters.

It's a good buy for 80p plus an 18p A5 SAE from **Gordon W McLennan**, 36 Solway Place, Muirhead, Troon KA10 7EJ.

## CLUB HAS MEETINGS SHOCK

**THIS IS** something I never believed I'd end up doing – plugging a club for postal gamers. I've always assumed such things

to be a bit of a 'thank you for your fiver subscription, here is this quarter's newsletter and your free badge' rip-off.

But the **National Gaming Club** seems to offer more for your money. It's aimed at FRP, RPG and PBM players on a more amateur basis than most groups. The club has meetings and a nicely-written little magazine which could be a good place to launch a game. Almost as good as CRASH, in fact . . .

For further details, send an SAE to the National Gaming Club at PO Box 54, Southsea, Hampshire PO4 0NA. (Yup, Jade Games again!)

## STARGLOBES SHUT

Time Patterns have closed down *Starglobes One* and *Two*. Awards and things are planned for the survivors (I wish I'd stayed in the game for a few months longer!), and those who wish can enter *Starglobe Five* as Active Aliens – an entirely new concept for the game.

The waiting list for *Starglobe 5* has been started, and startup is by approval only. This should be a good game, but they probably won't give me a place . . .

## WHATEVER HAPPENED TO STARSHIP COMMANDER?

**GOOD QUESTION.** I haven't the foggiest. I believe the playtest is over. Perhaps Mitregames would let me know how the project is going along . . .





# PBM FORUM . . . UP A GM TREE

Dear Brendon

I had to write in to the PBM MAILBOX to flatly contradict your answer to Mr Harden's letter in the July issue of CRASH. In fact, I want to oppose both your opinions.

I have been running an amateur PBM game for a couple of years now – *StarPower*, which includes both of the features which you object to, and which Mr Harden reckons are his innovations.

Firstly, players do not know which game of *StarPower* they are in. I have designed the game along the lines of a spiral-armed galaxy, and players are only told which galactic arm they are in, and not which game. Hence, at first they can only send messages into other galactic arms, and not direct them at particular people. Similarly, when they encounter other aliens in the galaxy, they will only learn of the alien name, and not if they are player-controlled or GM-controlled.

This does work – I've had great pleasure in running a game in which three people who knew each other very well were in the same game, but didn't know it. Even when the aliens met in the game, they still weren't aware, since I take great care over information-transfer.

This leads on to my second point – GM-controlled information. Because players cannot communicate directly (they don't know who else is in the game!) they must send messages through Galactic Control – the GM!

This keeps the GM well-informed about player alliances and so on – the GM is even entitled to participate by means of GM-controlled races in the galaxy. It DOES NOT entitle the GM to radically alter messages (though minor changes can be permitted – subspace interference and so on).

Hence, players can still form alliances and plan ambushes, but they can never be totally sure they're on the right track.

And I repeat the point made earlier – I have been running games of *StarPower* for a couple of years now (and the rules have been gradually evolving into a polished system) and my players have all enjoyed the experience and, more importantly, I have enjoyed it even more.

David Brain, Liverpool

My reply to Malcolm Harden's letter, printed in last month's PBM FORUM, has provoked a lot of correspondence. Malcolm called for the GM to take an active part in the game, not as an actual player but as an interfering third party. My view was that this would be unfair to players who like to use strategy and diplomacy to strengthen their

positions. Malcolm's idea was that the GM should act as a kind of informer, letting people know if they were about to fall victim to a surprise attack, for example – which I believe would destroy the game from the strategist's point of view.

David's use of GM interaction is different – it's a fairer system of mild GM action using existing game entities, instead of a godlike party from outside the game environment breaking up alliances by GM-created word of mouth. (I'd like to repeat my view that any alliance-splitting should be caused by an enemy through clever diplomacy, not by a GM through boredom.)

David's system of interplayer communication is a novel one – perhaps you could send me the rulebook and some sample turns to ponder over, David?

In the meantime, more views are welcomed, and to give David's *StarPower* a fling write to DB *StarPower*, 9 Barnhill Road, Liverpool L15 5BE. The game is run on an amateur basis so startups are first come, first served. It costs only two SAEs per two-week turnaround. Be sure to send an SAE when you first write to David!

BK

## MITRE THAN THE SWORD

Dear Brendon

Could you please tell me if Mitre Games is still running, and if so what sort of games it offers?

Jason Oates, 3rd ARMD DIT TPT RGT

Mitre Games can be contacted at 189 Balham High Road, London SW12, and currently offers Global Supremacy (an expensive megagame of global warfare), Midgard (strategy/diplomacy), Starmaster (a sci-fi battle game), Tribes Of Crane (tribal warfare/exploration) and Starship Commander (sci-fi).

BK

## ELEMENTARY, MY DEAR WATSON

Dear Brendon

Like A Watson (CRASH Issue 40, May 1987), I play in *It's A Crime!* Game 4 and Game 6. I have found no problems with input errors – if he dislikes the game so much, why play?

Could you print the addresses for St Valentine's Day Massacre and Andrew Rosey's

Spectrum-based turf-mapper program for *It's A Crime!*? Thanx!  
Neil Woodward, Pattingham, Wolverhampton

St Val's: Rampage Games, 37 Beechwood, Woodlesford, Leeds, LS26 8PQ (send an SAE)

Andrew Rosey: 68 Milward Road, Hastings, East Sussex (sorry I forgot this one in Issue 40!)

BK

## THE DENT IS A CLONELY GAMER

Dear Brendon

I was very happily playing *Arcadia* when the news dropped on my doormat. The game had closed. 'Drat,' I thought. I was really enjoying the diplomacy side of the game, I had taken an enemy city and my opponent was preparing to return my attack. It was decision time for our allies – who should they support? KJC solved all our problems . . .

So I looked around for something similar to play. I decided to try *Earthwood*, seeing as it was so close to *Arcadia* (according to KJC). The startup pack arrived and I set out to study the rulebook. Yes, it does have similarities to *Arcadia*, but it appears to be more complex.

Both games have a similar theme, both have dragons, both have spies – but does this mean the designer of draughts can close down the manufacturer of chess simply because both are played on a similar board, the objective in both is to capture your opponent's pieces, and both have kings? No, it doesn't.

To invent a totally new game is almost impossible. After all, 'Jet Set Willy clone' has become a computer-world catch phrase – how can PBM games be entirely different? Many game-designers pinch an idea from here, a routine from there. It is the way the world works.

By the way, isn't the *Earthwood* map a disappointment after the wonderful *Arcadia* one?

John Dent, Swanscombe, Kent

There are two sides to the argument. It shouldn't be TOO difficult to make PBM games differ. There are only so many things one can do with a computer's limited memory and graphics ability, but think of the opportunities a book of stamps opens up . . .

BK

## SCENE OF THE CRIME

Dear Brendon

I'm sorry this is very late – but could you please send me your free startup package for *It's A Crime!* if you have any left? If not, then would you please be kind enough to forward this letter to KJC Games?

Richard Scrivens, Bramshott, Liphook

All future *Crime!* enquiries should be sent direct to KJC Games (PO Box 11, Cleveleys, Blackpool, Lancashire FY5 2UL). Please. New readers may be interested to note that the offer was made exactly one year ago! Oh well, better late than never – it's been forwarded, Richard.

BK

## DON'T FORGET – RATE THOSE GAMES

IF YOU send any mail to the PBM MAILBOX, then tell me about the games in which you play. The best way to do this is to use the new MAILBOX Marking System. Mark your games out of 100 in the following categories:

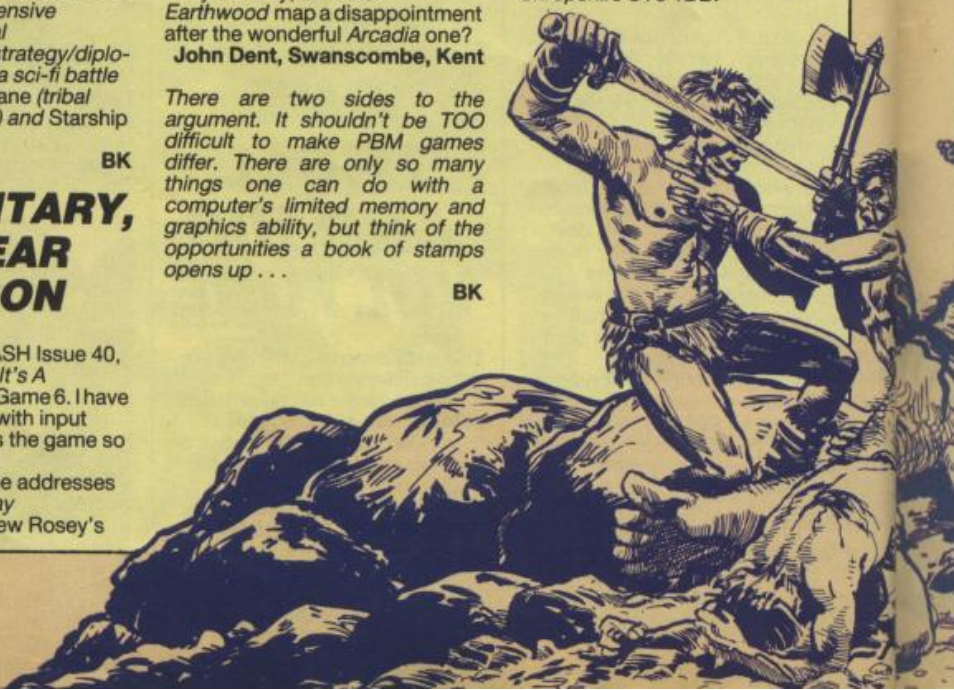
**GM QUALITY** – how good is the game's GM?

**DIPLOMACY** – how important is good diplomacy in the game?

**RULEBOOK** – how comprehensive and clear is the rulebook?

**COMPLEXITY** – how complicated is the game?

Next month I'll collate all your figures, so get them in soon! Thanks to everyone who's written in with comments recently – sorry we don't have space to print everything. Perhaps your next letter . . . Send them off to the usual address: **PBM FORUM, CRASH, PO Box 10, Ludlow, Shropshire SY8 1DB.**





# LUDLOW DIPLOMATIC DIRECTORY SHROPSHIRE

DIPLOMATIC DIRECTORY has been running for some time now, and seems to be a popular part of PBM MAILBOX (especially when I manage to update it . . .). The idea is to give players contacts in their own games, and perhaps to help you discover what a game you fancy is like. What better way to find out than to write to a current player or two?

That said, some companies prefer not to be mentioned here (a few people have been using the system to cheat rather than to gradually learn and gain pen friends - tsk tsk tsk!), so if not all the games you play in are listed DON'T PANIC. It's the work of the Crash Diplomatic Directory Censorship Minion (me).

If you'd like your name, address, and game details printed here, send me a postcard: **BRENDON KAVANAGH'S PBM DIRECTORY, CRASH, PO BOX 10, LUDLOW, SHROPSHIRE SY8 1DB.**

**\*068 Alan Halliday**  
2 Langley Drive, Handforth, Wilmslow, Cheshire SK9 3BQ  
GAMES: *Vorcon Wars 76*; *Super Vorcon Wars 89*

**\*069 Gary Johnston**  
Village Lodge, Tynningham, Dunbar, East Lothian EH42 1XL  
GAMES: *Casus Belli 49*; *Crasimoff's World (The Highlander but of course - BK)*; *Kickabout*; *It's A Crime!* (*The Wongs*)

**\*070 Colin Walsham**  
62 Leighwood Avenue, Leigh On Sea, Essex SS9 4LG

**GAMES:** *It's A Crime!* 11 (*Arkenoids*)

**\*071 John Kitts**  
29 Queens Avenue, Shirley, Solihull, West Midlands B90 2NS  
GAMES: *Casus Belli 18* (*Player 4*); *Crisis 15* (*Columbia*)

**\*072 R Smith**  
2 Muriel Street, Bulwell, Nottingham N66 8FS  
GAMES: *It's a Crime!* 10 (*Rabbits Of Fiver - Gang 726*); *Casus Belli 20* (*Player 8*)

**\*073 Dave Brennan**  
4 The Poplars, Biddick, Washington, Tyne And Wear NE38 7DR  
GAMES: *Rebound*; *It's A Goal*; *Kick Off*; *Rags To Riches (Elite)*; *Boothies Bugle*; *Teamwork*; *It's A Fix*; *Slap Shot*; *Saturnalia* (one or two amateur zine games there, methinx - BK)

**\*074 Mark Foster**  
186 Falkland Road, Greatfield Estate, Hull HU9 5EY  
GAMES: *Super Vorcon Wars 96* (*Frugor*); *It's A Crime!* 8 (*City Wreckers*)

**\*075 John Dent**  
68 Sun Road, Swanscombe, Kent DA10 0BJ  
GAMES: *Earthwood 67*; *It's A Crime!* 10; *Capitol Midgard*; *Orion's Finger*; *Shattered World II*; *StarMaster Two*

**\*076 Richard Nicholls**  
118 North Street, Stoke-On-Trent, Staffordshire ST4 7DG  
GAMES: *Gameplan* (x)

**\*077 James A Laird**  
26 Dochart Place, Hall Glen, Falkirk FK1 2QR  
GAMES: *It's A Crime!* 2 (*Jets 723, 984*); *Crasimoff's World (The Wallace Avengers)*; *Vorcon Wars 83 (Shemeg)*; *Trolls Bottom 4 (Van Gogh)*

## SUMMER MADNESS AT THE MICROFAIR

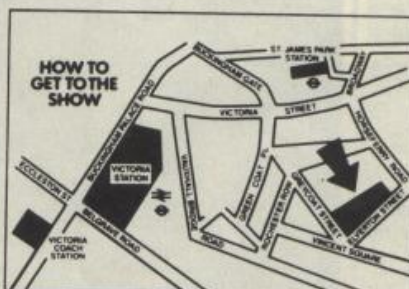


### SIZZLING SINCLAIR BARGAINS YOU CAN'T AFFORD TO MISS

Come to the 24th ZX Microfair on August 22nd and you'll not only save a fortune, but you will also get to see some of the latest innovations in Sinclair computing. You'll see:

- \* Top manufacturers and the newest hardware developments, possibly even a Plus 3 (we had two at the last show)
- \* Games at knockdown prices (some as little as 50 pence)
- \* User Clubs
- \* Top Magazines
- \* Full QL support and developments
- \* and all the help and advice you could want

MICROFAIR - it's the user-friendly show that has outlasted all the rest because everyone enjoys themselves . . . and you can always find a bargain!



**Underground:** Nearest stations are Victoria, and St James's Park.

**British Rail:** Victoria Station.

**Bus Routes:** 11, 24, 29, 70, 76 and Red Arrow 507.

**Road:** Signposted (RAC AA) Horticultural Halls.

## POST TODAY

Send to Mike Johnston (Organiser), Dept CR, ZX Microfairs, 71 Park Lane, London N17 0HG.

Please send me ..... Advance Tickets  
(Adult) @£1.50  
Please send me ..... Advance Tickets  
(Child under 14) @£1.00  
(Prices at the door are £2.50 and £1.50)

Name: .....  
Address: .....

Please include a stamped self-addressed envelope and make cheques/POs payable to ZX Microfair  
Exhibitors: RING JOHN OR MOIRA ON 01-801 9172 FOR STAND AVAILABILITY

**24<sup>th</sup>**  
**ZX MICROFAIR**





## TRANS-ATLANTIC BALLOON CHALLENGE

Producer: **Virgin Games**  
Retail Price: **£7.95**  
Author: **Maxwell Technology**

**R**ecently obsessed with inflatable objects, Richard Branson attempts to cross the Atlantic in a balloon. The screen is divided horizontally with Branson's *Virgin Atlantic Flyer* occupying the upper airspace and his rival the lower.

Accompanying each craft is a controllable eagle, with sonic-beam eyes. Using these weapons the tame eagle can destroy aircraft and the pots of paint and puncture bombs which they drop and which can cause the balloon to lose height. And contact with the large fire-belching missile destroys the balloon and its crew.

But each enemy destroyed by your eagle's beam earns you points.

And each eagle can leave its own balloon, travel to the other playing area and there wreak havoc upon your rival's aeronautical ambitions.

However, these birds have limited energy, reduced by every wing flap and by contact with a rival's sonic beam.

The altitude of a balloon can be controlled using a burner icon. But activating this uses valuable fuel, and if fuel falls to zero the balloon falls and the intrepid airmen are dunked like biscuits in the North Atlantic.

The balloon can also gain height in the summer sun's warmth, but likewise drops seaward when the darkness of night descends.

Children borne by a surfeit of balloons are occasionally carried upward. Shooting these levitating brats incurs penalties, but the eagle can rescue them for big bonuses.

To add to Branson's pickle, rival eagles can push the Virgin balloon off its planned course.

There is a two-player option.

### CRITICISM

● "Virgin seem to spend most of their time writing games

without much playability, just to promote Richard Branson's attempts to get in the record books. Most normal CRASH readers will soon get bored of this"

NICK

► Graceful birds alight on your balloon, the reassuring hum of a distant aeroplane... a moment of tranquil repose in *Trans-Atlantic Balloon Challenge*



## WONDER BOY

Producer: **Activision**  
Retail Price: **£9.99**

**W**onder Boy's minuscule heart-throb Tina is kidnapped by the evil King. What can a boy do but rescue this distressed damsel?

King (King, you understand, not a king) holds the slight Tina in a far distant world separated from our hero by seven territories; each is divided into four lands and each of these is divided into four areas.

Wonder Boy passes through scenically scrolling woodlands, platforms suspended above seas and totem-pole alleys, and jumps over obstacles.

But should Wonder Boy lay a chubby cherubic limb upon an advancing mollusc, a killer frog or stumbling midget mannequin, then he shuffles one of his four mortal coils.

To help him in his unwholesome quest, Wonder Boy can gather helpful items by making like an omelette chef and cracking open the large eggs that occasionally lie upon his path. From these, useful objects such as skateboards, temporarily protective fairies and stone axes appear. The axes can lay low troublesome beasts, and earn Wonder Boy points.



► And all because the lady loves Milk Tray... *Wonder Boy*

But even Wonder Boy needs food, and so our little diapered dynamo collects nourishment by touching the carrots, apples and fruit bunches he finds upon the way. His vitality is replenished when he gets through a land, anyway.

When the last land of a territory is reached, a deranged ogre must

'be defeated before Wonder Boy can go on to the next territory and come a little closer to planting a kiss upon his treasured girl.

There is a two-player option.

### CRITICISM

● "Wonder Boy is quite playable, but technically uninspiring. The scrolling is awful, and the tune, good at first, goes from bearable to boring to very annoying; it doesn't keep to a regular rhythm, but slows down noticeably when the screen scrolls. And the dull screens need colour. Disappointing, and poor value."

MIKE

● "The game itself, similar to *Super Mario Brothers*, isn't bad - but the implementation is unprofessional and doesn't match recent Activision products. The action on the monochrome display can become confusing - the character outlines aren't bold enough to distinguish them from the background. Add to that the jerky character-scrolling, and you've got a product that won't excite anyone."

RICKY





though games of this genre need holding power. It's much more fun to follow Branson's ballooning on the telly than to play the game."

PAUL

● "Yawn! As if the event itself hadn't been overhyped to the point of internal collapse, then the game itself has. Is *this* what all the adverts are trying to sell? The graphics are poor, and the colour choices are appalling. Tedium sets in after about two minutes (a new world record, surely!)."

MIKE

## COMMENTS

**Control keys:** Q up, A down, O left, P right, SPACE fire

**Joysticks:** Cursor, Kempston, Sinclair

**Use of colour:** vivid

**Graphics:** poor

**Sound:** annoying spot FX

**Skill levels:** one

**Screens:** transatlantic scrolling

**General rating:** an improbable and unplayable shoot-'em-up

Presentation	60%
Graphics	44%
Playability	20%
Addictive qualities	21%
Overall	22%

● "Let's face it: the arcade game was pretty, but extremely tedious. And the cuteness has been lost in the transition to the merely monochrome Spectrum screen. The character-scrolling is jerky and the collision-detection is inaccurate; both mistakes could have been avoided. But despite the bad structure I found the concept of *Wonder Boy* fairly addictive, and the two-player option is competitive. It *could* have been good, but *Wonder Boy* is a sternutatory game."

PAUL

## COMMENTS

**Control keys:** O left, P right, Q to jump, any bottom-row key for other activities

**Joysticks:** Sinclair, Kempston

**Use of colour:** mono

**Graphics:** poor; badly-defined sprites

**Sound:** annoying tune on the 128

**Skill levels:** one

**General rating:** disappointing conversion from a good arcade original

Presentation	56%
Graphics	48%
Playability	44%
Addictive qualities	42%
Overall	43%

# BRIDE OF FRANKENSTEIN

Producer: 39 Steps

Retail Price: £8.99

Authors: Paul Smith and Steve Howard

**T**ough luck. Night has fallen on Castle Frankenstein and its grounds. Within this foreboding stronghold lies an inactive Frankie, the organless monster of an evil creator, awaiting revival.

## MIKE

"The appeal of *Bride Of Frankenstein* wears off soon. It has good presentation, and quite pleasant graphics (most of the characters are amusingly drawn). But it lacks content. And most annoying is the way in which, on some screens, you leave by the top exit and emerge in the next screen's top exit – an unprofessional and disorientating effect. Though there are some good ideas, such as the heartbeat meter, *Bride Of Frankenstein* could have been much better."

To make this imperfect brain-child whole, you must collect his essential parts – lungs, kidneys, liver, heart and brain.

The castle consists of 60 flick-screen rooms, dungeons, cor-

► And on the left, the very lovely *Bride Of Frankenstein*

## NICK

"It's the middle of the night, the lightning is raging outside, and you're all alone. Can you revive Frankie? I think this type of game, where you have to hunt around a building searching for keys to get into other rooms, went out years ago. The graphics are above average, though there's jerky animation. And the ghosts and ghouls don't move in set patterns but home in on you, so if you stay still for a couple of seconds you die, which makes it quite frustrating."

ridors, laboratories and courtyards. Wandering through its terrifying interior reduces energy levels, shown as elixir in a bottle which you must refill.

And within these nightmarish confines lurk floating ghosts, ghouls and skeletal monstrosities. Contact with these evil entities increases your thumping cardiac rate, shown by the pulsing heart at the bottom right of the screen – and you risk terminal heart failure.

Some doors are locked; there are seven different keys hung upon the castle walls, though. A spade and pickaxe can be found and used for excavating graves, and a lamp provides illumination for exploring darker areas.

Further complications arise in the castle's dungeons where distraught prisoners beg for release, and in the tower where electrical

## PAUL

"Someone's actually done something original with a 3-D adventure game – the graphics in *Bride Of Frankenstein* give the old theme a new dimension. Action is fast and accurate, but the game is slowed badly when lots of people appear on the screen. Some of the backgrounds are very detailed and help the atmosphere tremendously. My only gripe is the strange way the character flicks from location to location – it's very distracting and off-putting. *Bride Of Frankenstein* is out of the ordinary, and definitely worth considering."

repairs may be required before Frankie can be stimulated into action.

## COMMENTS

**Control keys:** O left, R right, Q back, A front, SPACE to pick up/swap/use objects, SPACE and O or SPACE and P to dig/axe

**Joystick:** Kempston, Interface 2

**Use of colour:** monochromatic

**Graphics:** cute

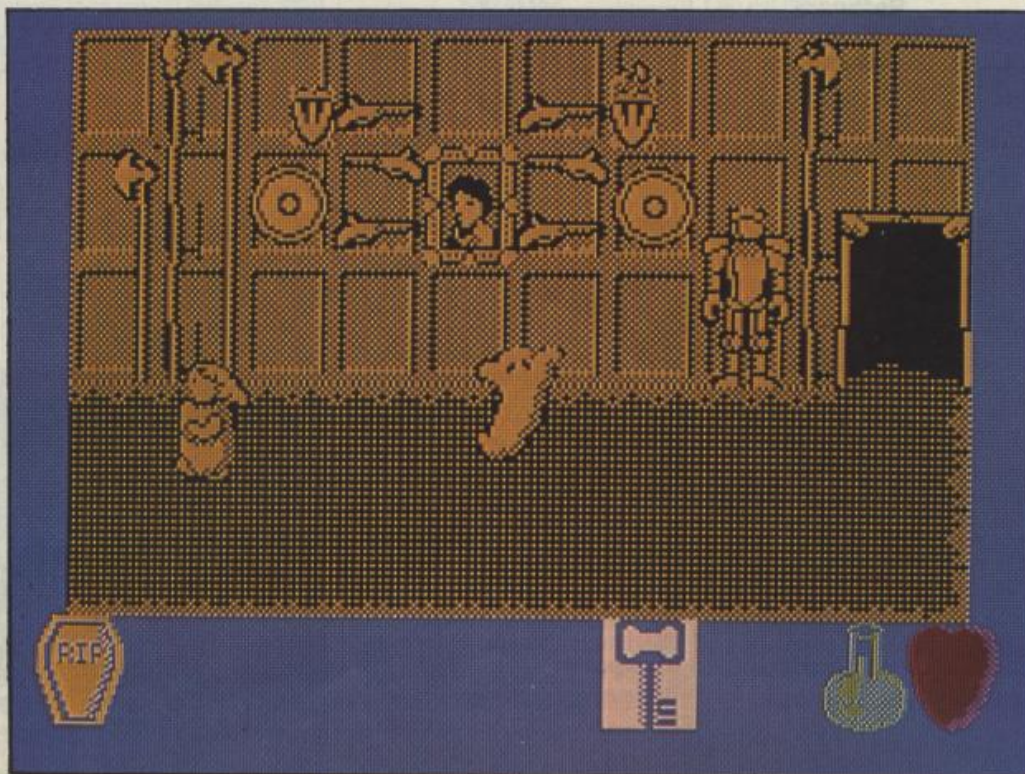
**Sound:** spot FX, unattractive title tune

**Skill levels:** one

**Screens:** 60

**General rating:** good graphics and atmosphere, but uninteresting gameplay

Presentation	68%
Graphics	71%
Playability	51%
Addictive qualities	58%
Overall	59%





## NINJA HAMSTER

Producer: CRL  
Retail Price: £7.95  
Author: Colin Ajayi'Obe

**A**fter many years abroad, Ninja Hamster returns to the village of his birth. But his birthplace has been overrun by Sinister Rat, Loony Lobster, Ninja Monkey, the Lizard Of Death and

Hamster can kick high and low, duck, punch, and block and avoid opponent's blows.

Every successful hit adds to Super Hamster's points and reduces the stamina of his opponents; some blows are more powerful than others. When either the hamster or his opponent runs out of energy, a bite is taken from a large apple at the top of the

### NICK

"Heeha, heeha, wha! Oops, sorry, must have been the Ninja Hamster coming out in me. We've had Ninja Master, The Last Ninja and even just Ninja, but this must be the ultimate name. The graphics are really well drawn and the colour is effective, despite some clash; the screen layout is very similar to the Fist games. And there's a good tune on the title screen. The only problem is that you have to load more code from the tape when you've killed two baddies. This is a highly addictive game, and I'll be buying it."

their nefarious crew of mean mammals, crazy crustaceans, belligerent bees and alligatorial alliterations.

Skilled in the ways of the ninja, our hero goes into battle, teeth unsheathed, claws like flick knives, paws full of muscular intensity.

This Rambo rodent meets each of the gang in turn, pitting his fighting skills against theirs. Ninja

### BEN

"Barbarian showed that there may be a few more goodies to scrape out of the fighting sims barrel – and Ninja Hamster is one of them, though its qualities are a little dubious. Joystick control is similar to the Fist games and International Karate so it's fairly easy, but if you prefer keys you'll have to spend a lot of time learning them (and grow another hand!). The game itself is a plain and straightforward beat-'em-up. No tactics are required, other than getting in as many hits as possible, so it gets quite boring on later levels."

► Level 25?! Foul play at work here, as Cameron takes on the role of Ninja Hamster

screen. If his opponent's Granny Smith is all gone, our hamster war-

### PAUL

"Ninja Hamster is yet another bash-and-beat-'em game. The graphics may be slightly more detailed and squatter than in other games of this genre, but that's a hindrance – you often can't see a thing that's going on. The armoury of moves is very small, and those that do exist are 'cutely' (yeerggh!!) animated. Ninja Hamster offers very little to do, and a weak atmosphere – I didn't have much fun bashing hell out of other little animals."



## LEVIATHAN

Producer: English Software  
Retail Price: £7.95  
Author: Gareth Briggs

**R**ipping through space in your fighter craft, you pass over three different panoramas – Moonscape, Cityscape and Greekscape – which float through the silent darkness on platforms of land. task: to rid each territory of the entities which infest it. (There's a time limit, of course.)

You can control your fighter's direction and altitude, negotiating the lunar domes, towers, radar devices, Greek statues and skyscrapers that project from each

### BEN

"As shoot-'em-ups go, this is a dead loss. The screen is very cluttered, so you can't really tell where your craft is (it's the same colour as everything else) or what's going on. The control method is unwieldy, and a lot of problems occur because the accelerate/decelerate controls are on the same keys as the up/down controls. I can't recommend Leviathan. It offers no challenge, because of its bad implementation – though it could have been the best Zaxxon lookalike yet."

### NICK

"Leviathan isn't amazingly exciting, and the loading system nearly always goes wrong! The background graphics are well-detailed, but when your ship flies over them you can't see where it's gone – a serious problem."

landscape's surface. Contact with any of these wipes out one of your four lives.

The fighter is equipped with limitless missiles, and three smart bombs which can take out any alien in the vicinity. For each alien destroyed, points are awarded, with an extra life earned for every 5,000 points.

### PAUL

"The graphics are unquestionably the drawing point of Leviathan. The scrolling is very fast, and the landscapes are detailed, with good perspective. The trouble is, they suffer from the same problem as Slap Fight (page 20 this issue) – you usually can't see where or what the baddies are, because of the amount of detail. And as far as I can see Leviathan has nothing to do with ZZ Top. But it's the best Zaxxon-type game on the Spectrum; the competition is very dated. If you can overcome the playability problems, there's an addictive game here."

Read-outs give the number of aliens remaining in a sector, the number left in the current attacking wave, and their type. All aliens are lethal when touched – but prompt evasive action can be taken by flipping the craft onto its back and reversing direction.

Different life forms have differ-

ent flight paths and flying configurations, which makes their destruction more difficult. Two flashing directional arrows on the instrument console show the location of aliens.

Your craft has a limited supply of fuel; it can fill up by shooting approaching fuel cubes in the

► The good ship Leviathan slides sliinkly through space towards an encounter with destiny...





rior is the victor and he can go on to meet the next of the ruthless villains. But at higher levels weapons such as maces cross the screen to cause greater problems for our hero...

When the last of the obnoxious bunch has been laid low, Ninja Hamster has saved the day and can end his days comfortably as someone's pet.

## COMMENTS

**Control keys:** I left, O right, Q jump up, W jump forward, K flying kick, I&P block, A duck, P punch, P low kick (while ducking), S high kick, L middle kick, YOY?

**Joysticks:** Kempston, Sinclair

**Use of colour:** adequate

**Graphics:** layout like every beat-'em-up, pretty characters which lose definition when fighting

**Sound:** title tune and spot FX

**Skill levels:** eight

**Screens:** eight

**General rating:** a cuddly little beat-'em-up

Presentation	77%
Graphics	70%
Playability	53%
Addictive qualities	64%
Overall	62%

space zones of each planetscape, or by landing on fuel-pod arrows in the Cityscape sector. Sound effects warn you when the craft needs a top-up.

According to the inlay, *Leviathan* was inspired by the ZZ Top video *Rough Boy*, which is set in a spaceship.

## COMMENTS

**Control keys:** A left, S right, F up, D down, G fire; or cursor keys

**Joysticks:** Kempston, Sinclair

**Use of colour:** monochromatic

**Graphics:** good, ranging from detailed landscapes to simple designs – but sometimes confusingly complex

**Sound:** informative beeps on 48K, full music and effects on 128

**Skill levels:** one

**Screens:** three diagonally-scrolling play areas

**General rating:** a fairly enjoyable *Zaxxon*-type game with some visual problems

Presentation	69%
Graphics	61%
Playability	40%
Addictive qualities	48%
Overall	52%

# CATCH 23

Producer: Martech

Retail price: £7.95

Authors: Ian McArdle and Malcolm Smith

Intelligence reports have shown that the enemy's CK23 orbital interceptor is now operational! The CK23 is a masterpiece of machinery. It can take off and land like any ordinary aircraft, but it can escape the earth's gravitational pull and obtain geostationary orbit wherever it wishes.

## RICKY

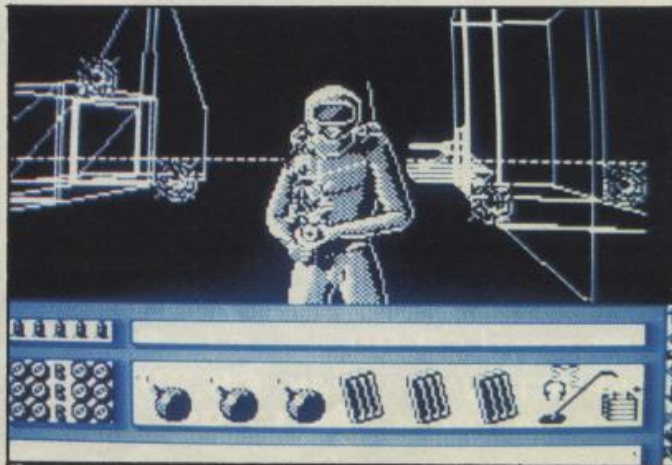
"Catch 23 is a marvellous piece of programming but a pretty unaddictive game. It has two very different elements – there's thoughtful exploration and mapping, and then suddenly a member of the opposition will pop up from nowhere and you're plunged into a quick-on-the-draw scene. This continual switching is irritating and, in practice, doesn't add any atmosphere. Catch 23 may attract some attention, but most of it will be short-lived – the game didn't hold my interest for more than a few hours."

Staying in orbit for weeks, maybe months on end, it lies in wait till an enemy ship dares enter its territory. Then the CK23 blasts back into the atmosphere to intercept and destroy the intruder

## PAUL

"Lately, Martech seems to have come up with a different kind of game in every package it releases. This is a great, brave policy – but there are bound to be a few bad eggs. The idea of Catch 23 is strong, but it's let down by some very slow-moving graphics (probably the computer's fault and not the programmers'). All the buildings are well-designed, and the atmosphere is involving – but Catch 23 lacks fast action. If you must get this to keep you busy till Mercenary, do it. But don't expect anything nearly as good."

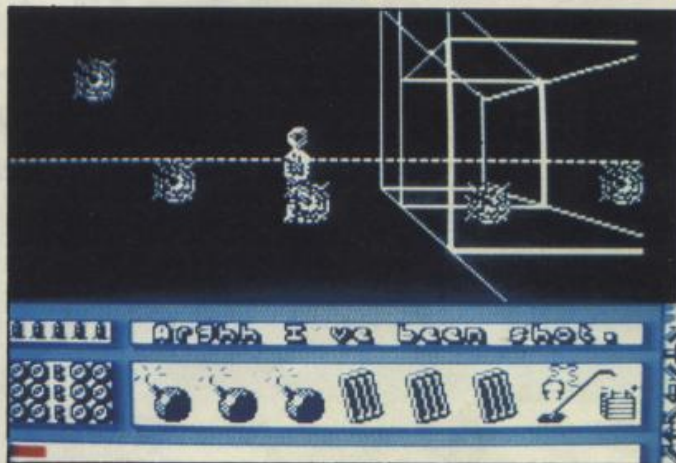
▶ You've been shot! And it's probably no less than you deserve, if you couldn't shoot him at that distance ... nag, nag ...



## MIKE

"Catch 23 has quite impressive graphics, but their appeal wears off after a few minutes. The high price is off-putting, and the game isn't exactly def."

▶ Bullet holes pierce the visor as once more you pop your moon-boots



using highly sophisticated lasers and missiles.

Your mission is to find the site where CK23 is being developed, hidden in a top-secret military complex in the mountainous area of a small island. The heathland around the complex has been planted full of mines, deadly dangerous high-voltage electric fences and surveillance cameras. Armed military vehicles and foot patrols guard the base.

Once inside the complex, you must steal the plans, set a time-delay bomb in the nuclear reactor and get off the island as fast as possible. It's difficult, but there are a few items to help you in your 3-D vector-graphics mission.

A special shuttle service was once built so the island's inhabitants could get from place to place faster. Only the main shuttle routes have been included in your map, but if you can find the connecting routes you can get around very quickly.

Dotted over the island are derelict houses and buildings. Many have been sealed up by the military forces, but some are still open. If a door is present, then the building is open to you. Inside the buildings are supplies of ammo, batteries for a mine detector and explosives for making bombs.

Included in the screen display is a dangerometer that goes up and down according to peril you're in; there are a host of surprises around every corner in *Catch 23* so it's vital you stay alert. Don't just sit there, grab that gun clip and go get them plans!

## COMMENTS

**Control keys:** Z left, X right, P up, L down, ENTER to fire

**Joysticks:** Cursor, Kempston, Sinclair

**Use of colour:** black-and-white playing area, some colour on displays

**Graphics:** rather slow wireframe, but nicely-detailed figures

**Sound:** 128 tune, otherwise simple beeps

**Skill levels:** one

**Screens:** a very large map area

**General rating:** atmospheric explore-and-find game, spoiled by its lack of speed

Presentation	71%
Graphics	63%
Playability	57%
Addictive qualities	54%
Overall	56%



# The Ultimate Golf Challenge

## World Class

- Full scoreboard printout.
- Course Editor allows you to arrange any of the holes from all four courses to form your own personal 18 hole golf course. (Disk)
- More trees (upto 192 per hole), traps and rough.
- Practice putting green and driving range.
- Improved graphics and playability. Increase difficulty and add realism.

## LEADERBOARD

- Aerial view gives you a bird's eye view of the course and your position.
- One to four players can compete in MEDAL, MATCHPLAY and BETTER BALL competitions.
- Realistic choice of club, distance, type of shot (hook, slice or putting).
- Unlimited backups of World Class Leaderboard can be made for your archives. (Disk)

U.S. Gold proudly present the final challenge in the Leaderboard series – World Class Leaderboard – the Ultimate test of your skill and judgement, the unparalleled successor to Leaderboard and Leaderboard Executive. Now you have the opportunity to play the same courses that have challenged golf's greatest legends, three famous and classic 18 hole golf courses in which each hole is authentically reproduced for distance, traps, trees and water hazards.

- St Andrews ● Doral Country Club ● Cypress Creek

And the fourth, the "Gauntlet Country Club" has been specifically designed for the "World Class Leaderboard" challenge – only those who can master the testing conditions of the best golf courses in the world will come near to mastering "The Gauntlet".

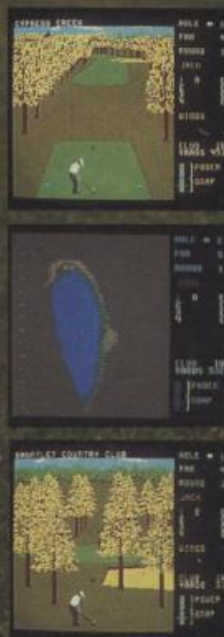
Whether at novice, amateur or professional levels, "World Class Leaderboard" will challenge you with the same demanding strategy, skill and decision making options set by its real life counterpart.



**The Gauntlet** – designed to create the greatest test of a golfer's true skills and abilities. Few courses combine such a searching trial of accuracy and courage, harrowing and perilous in the extreme.

## EUROPEAN COMPUTER GOLF CHAMPION 1987

In honour of the outstanding excellence of this, the ultimate golf game, U.S. Gold have organised a competition to find the European Computer Golf Champion of 1987. In every World Class Leaderboard game there is a scoreboard. Practice your skills, test your courage and then play your best possible round on the Ultimate course – The Gauntlet – Record your best score, have it verified by an independent witness and send it to U.S. Gold. Novice, Amateur and Professional – there's a prize for each: Professional: a full set of Ping golf clubs – "the ultimate club in the world." Amateur: a full set of Gallagher golf clubs – a superb asset in improving your game. Novice: 10 free golf lessons with the "teaching professional" of your local golf club. When all entries have been received – closing date 31st September 1987 – the top four players at each level will be called to a central venue to play-off for the title European Computer Golf Champion 1987 and receive their trophies and prizes.



screen shots from CBM 64/128 version

CBM 64/128 £9.99 TAPE £14.99 DISK  
AMSTRAD £9.99 TAPE £14.99 DISK  
SPECTRUM 48/128K £8.99 TAPE  
SPECTRUM +3 £12.99 DISK

**ACCESS**



U.S. Gold Ltd., Units 2/3 Holford Way, Holford, Birmingham B6 7AX. Tel: 021 356 3388.



Stories of ingenious crime and inspired detection in  
**THE ADVENTURES  
OF  
SHERLOCK HOLMES**  
Sir Arthur Conan Doyle

murderous conspiracy surrounds  
the fabulous Agra treasure until  
SHERLOCK HOLMES  
unravels the mystery of  
**SIGN OF FOUR**  
Arthur Conan Doyle



# PLAY **KILLED UNTIL DEAD**

and WIN a host of



goodies –  
if you can solve . . .



**Crash  
Competition**

## The Case Of The Missing Buttered Scone

To celebrate the launch of US Gold's CRASH Smash *Killed Until Dead* (reviewed in Issue 42, July), they've organised a neat comp to get you in the mood for a game full of murder, mystery and suspense. Dear old Ricky Tidsall has been wandering the streets of Birmingham (in the pouring rain, he'll have you know) to get

together some classic mystery novels and a brilliant Pink Panther video. Those prizes are all on offer if you can solve the CRASH whodunit puzzle: just who did pinch Minion's buttered scone? Read on . . .

*The Minion relates his curious tale . . .*

It was a stormy day when the fateful incident occurred. I was doing my usual rounds, sorting the mail, licking the reviewers' boots, watering the plants and washing down the gargoyles that stared menacingly through the foggy atmosphere when, as usual, at 11 o'clock I was lynched.

'Snack time, minion!' bellowed Our Omnipotent Lord Kean. I dread this daily – tramping down to the local purveyors of sickly buns. This journey means travelling through the gloomy swamplands, scaling the Ludlow falls, running across the deserted Shropshire plains – maybe I should be collecting Milk Tray rather than sticky buns . . .

Anyway, out with the shopping list to take everyone's orders. Well, I know Ricky Eddy's off by heart: one dozen coffee buns, six sausage rolls, two bacon-and-egg sarnies and one curry-flavoured meringue to top it off.

'Well, ack-sho-leeeee I'm on a diet, just an apple thankyouverymuch,' he announced, bringing howls of laughter from the assembled crowd. 'An apple it is,' I thought . . .

Mangram, with his wide tastes in food, had an apple strudel this time.

Meanwhile, Roger and Barnaby were musing over the merits of *Invasion Of The Bloodsucking Spiders*, a video they'd been watching. In the midst of their revolting discussion of how Roger

just couldn't bear the sight of spiders and how Barney couldn't stand the disgusting eating scenes – what with him being a vegan and all that – they did manage to deliver their order.

Cameron had his usual beetroot sarnie. 'And, Minion,' said the dictatorial Pound, 'don't forget my coffee. You know I can't eat anything without a mug of coffee and noooo sugar at all!'

So, after raiding the sticky-bun fund, I was off on my perilous journey: squelch, squelch, pant, splash, gurgle, pant, phew . . . On arriving at Ye Olde Sticky Bunne Shoppe, and after I'd made the order there was just enough for me to have a humble buttered scone. Well, not that humble – it was smeared with thick, creamery butter . . .

Great! Save that for later . . . back at the Towers, stomachs were getting hungry, and they were quickly stuffed. While the CRASH types munched, I hid the scone in the recently renovated broom cupboard.

The day carried on as normal, if that word can be applied to Newsfield, and come midnight (home time for minions) I began to feel a bit peckish. Off to the broom cupboard to retrieve my treat . . .

BUT (shock, horror, gasp!) it had gone. Nicked! Pinched! Swiped! Beside the pile of crumbs lay a mug of coffee, drunk so quickly that the sugar grains could still be seen in the bottom of the mug.

Who had performed this foul deed? I have my suspicions. If you can suss out who the evil one is, then these rewards could be yours . . .

For the successful solving  
of the Buttered Scone case  
**US GOLD REWARD**

**FIRST PRIZE:** A copy of *Killed Until Dead*! A video of *The Return Of The Pink Panther*! An Agatha Christie novel – *Death On The Nile*!

**FOUR SECOND PRIZES:** Copies of *Killed Until Dead*! And either a Sherlock Holmes book or an Agatha Christie novel!

**15 PRIZES FOR RUNNERS-UP:**  
Copies of *Killed Until Dead*!

Dear Hercule De Minion  
I think I have solved the crime and hereby name the following  
as the criminal:  
(tick box)

- |  |  |
|--|--|
| <input type="checkbox"/> Cameron Pound | <input type="checkbox"/> Lloyd Mangram |
| <input type="checkbox"/> Barnaby Page  | <input type="checkbox"/> Richard Eddy  |
| <input type="checkbox"/> Roger Kean    |  |

Name .....

Address .....

Postcode .....

**SEND TO:**  
**HERCULE DE MINION COMP, CRASH, PO Box 10, Ludlow,**  
Shropshire SY8 1DB, to arrive no later than **25 August**, when we'll  
draw correct entries from the forensic test tube



# WINNERS & PRIZES



## POGO A GOGO

Thing came bouncing back from **Gremlin Graphics**, and for the winner of our spot the difference comp there's a brand new pogo stick. Well the news is that **Gremlin Graphics** felt so generous that when they delivered the stick, they brought two with them! I managed to contain the pogo-ing enthusiasm of the **CRASH** reviewing team to Mike Dunn, who forsook skipping for leaping so that Cameron could photograph him bouncing all over the place. Anyway, the two **CRASH** readers who will get a pogo stick each are **Jamie Glover** from Grimsby, and **Daniel Packham** from Brixton, London. And that leaves 49 runners-up who each receive a copy of *Thing Bounces Back*...

K A Schimmel, Nottingham, NG5 8LN; Gary and Robert Byrne, Dublin 24, Eire; M Priddy, Mid Glamorgan, CF48 4RB; William Musson, Ponteland, NE20 9EU; Matthew Cooley, Coventry, CV3 6NU; Mark Ferrar, Peterborough, PE6 6TS; Sean Warburton, Lancs, BB6 9EW; Alex Desmond-Hurst,

Kent, ME14 1UR; John L Peel, Biata L-Bajda, Malta; Ian Pullinger, Herts, EN4 8EA; Scott Bruce, Glos, GL50 4RO; Steven Goodwin, Kent, ME18 5DG; Gary Gollightly, Sunderland, SR4 0DH; W J Callis, Northampton, NN5 6RH; Geoffrey Sparkes, Suffolk, IP33 3JQ; Michael Stanton, Ayrshire, DA17 5BS; Billy Cassidy, Cheshire, SK5 8AP; Russell Prebble, Kent, DA7 4LH; Daniel Pearle, Somerset, TA8 2PA; Paul D McMullen, S Yorks, DN4 7QR; Dawn Ash, Kent, DA5 3BX; Adrian M Layden, Staffs, ST7 1TD; Duncan Harvey, Norfolk, NR7 8HL; Barry Gorman, Co Antrim, BT28 1SU; Nick Bold, Cheshire, WA7 2AG; Timothy Lowther, London, E17 5AU; Gregory Leversuch, Hants, SO4 1NY; Billy Pittbridge, Norfolk, PE30 4SG; Steven Betteridge, Hereford, HR2 0TG; Mrs S Foyster, Norfolk, NR6 5SJ; Nicholas Brown, Berks, RG11 1NH; Paul Counce, Lancs, L39 1PJ; Sylvan Lynn, Avon, BA2 6RN; David Cole, Staffs, ST3 6AQ; Karl Fewster, S Humberside, DN16 1VG; Andrew Hickabottom, S Humberside, DN16 2PE; Jimmy Geatches, E Yorks, HU3 3SQ; Kristian Speke, Shropshire, SY8 1RN; Richard To, Manchester, M36 5BQ; Martin Dutton, Lancs, BL6 7HW; Richard Willnot, Exeter, EX4 2EB; Raymond Lee, Glasgow, G51 2DW; Mark J Beeham, Cheshire, CW8 3HY; Richard Evans, Norfolk, PE34 4LY; Stephen Hannan, Southampton, SO1 1RA; James Postlethwaite, Derbys, DE5 1JW; Jason Pritchard, Derbys, DE5 1NN; James McNair, Norfolk, NR29 3BY; David Tilley, London, E17 4BJ.

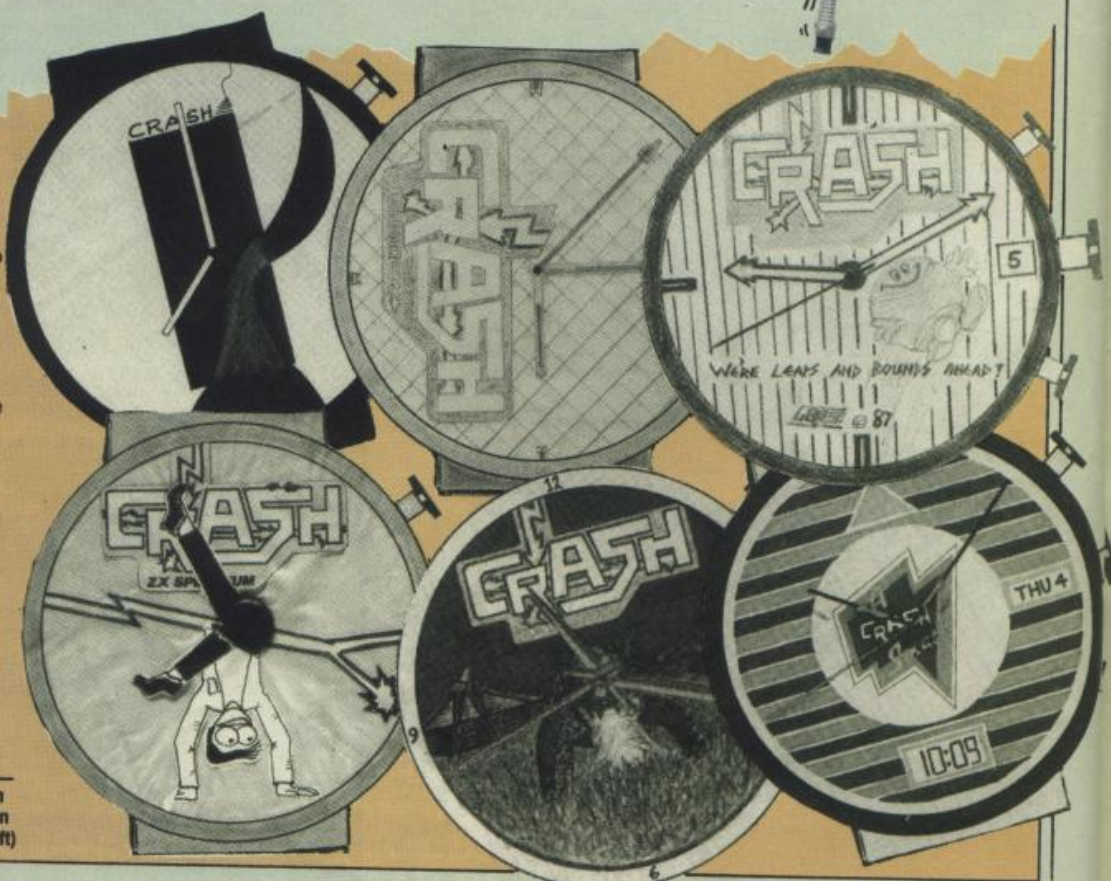


## PERFECT TIMING

Or the Ticking Minions comp, a little number designed to see who would win a **Metrocross** stopwatch from **US Gold**. The winner is **Dean Schofield** from Tamworth in Staffordshire, who also gets a copy of the game. 20 further runners up each receive the game **Metrocross**...

Neil John Dearing, Newquay, Cornwall; Marcus Cooper, Bromsgrove; Peter Brannelly, Shrewsbury, SY3 8AH; Richard Last, Essex, CO12 3NP; Olufermi Adekunle, Berwickshire, Scotland; Steven Roberts, Merseyside, WA11 8JR; Darren Anderson, Kent, BR7 2BL; Martin Clark, Lanarkshire, G12 0QA; Scott Plumridge, Kent, DA11 7EE; Colin Cheghall, Dundee, DD4 6TL; Nicholas Anthony, Mid-Glamorgan, CF31 4SS; Kerry Taylor, Rotherham, S62 7HA; Ric White, S Yorks, DN3 2LB; Luis Mighuel dos Santos Silva Fernandes, Foz do Dovo, Portugal; Liz Baker, St Helens, WA10 5PJ; Caroline Haines, Beds, LU7 0DH; Sandra Mara Martins Pereira, Cascais, Portugal; George Strachan, Aberdeenshire, AB4 6JE; Paul Durkin, Devon, EX8 4PX; Paul Durkin, Devon, EX8 4PX; A J Nuttall, Worcs, DY11 6NH.

► If you want to know the time ask Ben Stone, who lends some hands to Dean Schofield's winning ticker (bottom left)







# GREAT THRONES OF FIRE

To celebrate Mike Singleton's *Throne of Fire*, **Melbourne House** were offering a trip to the London Dungeon for the winner (and a friend). **Gary A Vickers** from Langworth, Lincoln got the answers right and was first out of the bag, so hang onto your nerves Gary... it's dark down there. Answers were: *Space Ace* was Mike's first game, *Consult* is the programming team behind *Throne of Fire*, there are 32,000 views in

*Lords of Midnight*, *Computer Race* was the name of Mike's illegal game, and King Atherik is the *Throne of Fire* monarch.

For 25 runners up there's a copy of the game, and they go to:

John McMunn, Co Sligo, Ireland; Matthew Batram, Essex, RM7 9AU; Tim Henry, Lancs, PR1 0EL; David Greenwood, Lancs, BL8 2LX; Scott Cooper, London, NW4 2BT; N Chesworth Jnr, Cornwall, PL18 9NA; Trevor Carlisle, Bucks, HP13 7JR; Matthew Pierce, Stafford, ST18 0UB; Fergal Keenan,

Co Tipperary, Eire; Robert Straw, Guernsey, Channel Islands; Jonathan Russell, N Ireland, BT79 0AT; Jason Pritchard, Derbys, DE5 1NN; Simon Ladds, Lincs, NG31 9HH; Jonathan Davies, Bristol, BS7 8DH; E de Vries, Voorburg 2274 KD, Holland; James Tyrell, Liverpool, L4 0UD; Vink Quan, London, N1 1TW; Jonathan Ridehalgh, Leics, LE8 0SS; Anthony Lawton, N Humberside, DN14 7AT; Brendan Cooney, Dublin 14, Eire; Samu Miclonen, Tampere, Finland; Neil Short, Barnard Castle, Co Durham; Wayne Birch, Lincs, LN7 6NP; Eric Lakin, Hants, PO6 2AG; Sandra Maria Pereira, Cascais, Portugal.

Midlands, DY4 8BH; Henry Tomlinson, Lancs, FY7 7DY; M G Hemming, Glos, GL52 6SB; Mark Haddon, Northumberland, NE2 6YN; Richard Hannah, Strathclyde, G84 8XG; Iain McCann, Sheffield, S7 2QX; T Randless, Bucks, HP14 4LX. Game only: David Millard, Newcastle Upon Tyne, NE5 1EL; Darryl Sykes, Huddersfield, HD7 7HW; E8286535 AG Williams BDA, RAF Halton, Bucks; Guy C Miller, Scotland, G12 8EU; Richard Burton, Cornwall, TR12 6RB; T Blake, London, N1 2QU; Michael James Brown, W Yorks, WF5 0QD; B Challinor, Shropshire, TF9 2DX; Jinay Shah, Surrey, CR4 1EJ; Glenn McDowall, Wilts, SP2 7EG

lucky goblet-owner is **Kyle Marlow** from Hinkley, Leicestershire, because he can spell (and some people up in 'art' can't...). Ten runners up get a copy of the game plus special mugs and posters, while another ten get a copy of the game, and they are...

Game, mug and poster: John Clifton, London, SE3 7LQ; Adam Fletcher, Middlesex, TW15 3QU; R Finlayson, Glasgow, G53 7UJ; Ian King, W

## SHADOWS OF MORDOR

Okay, so some idiot up in 'art' went and changed my words - I know how to spell M-O-R-D-O-R. But for a lucky someone who can spell the words in the wordsquare comp, there's a specially-made engraved silver-plated goblet, plus a copy of the game. Said

## CRASH ADVENTURE COMP

This was the last of our three competitions in association with **Ferguson**, and a chance for adventurers to win a Ferguson MC05 colour monitor and a Spectrum +2. The quesser in question is **Mrs A Cutting** of Ryde, Isle of Wight. While she enjoys the benefits of adventuring Ferguson style (no playing arcade games Mrs Cutting...!), ten runners up get CRASH hats and T-shirts. The answers she gave correctly were: *Fantasia Diamond*, Derek Brewster (*Kentilla*), the Ket Trilogy (Incentive), *Bored of the Rings*, *Urban Upstart* and finally, *Snowball*, *Return to Eden* and *Worm in Paradise*. The ten runners up are:

Oliver Critchley, Invernesshire, PH31 4AN; Stuart Randall, Hants, PO12 3QN; Paul Rafferty, Renfrewshire, PA10 2HQ; Ian Smith, Cheshire, SK8 3LF; Mr A Webster, Essex, RM9 4DS; Colin Jordan, Dyfed, SA69 9ED; Michael Turner, Essex, CM9 8RQ; Barry Smith, Suffolk, IP6 8PG; Gavin Home, Berks, SL6 2YN; Bruce Hall, Edinburgh, EH14 1DL.

**NOW AVAILABLE - the official Spectrum Upgrade!**  
**Turn your Spectrum into a Spectrum + for just £24.95**

Makes a great present

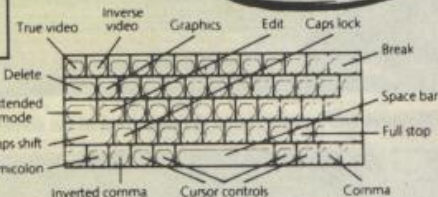
ORDER NOW!



- Professional full-size keyboard - includes 17 extra keys.
- Responsive typewriter-style action.
- Accepts all current Spectrum software and peripherals.

+ £1.50 p + p

ACCESS WELCOME



**The official Spectrum Upgrade.** Naturally your upgraded computer will accept all the peripherals in your Sinclair system - Interface 1, Microdrives and so on - as well as all Spectrum software. Just as important, new Spectrum software and peripherals will be designed with the Spectrum + in mind. So the Sinclair upgrade adds **stylish looks, new capabilities**... and new potential for the future.

### Here's some exciting news for Spectrum owners ...

the official Spectrum Upgrade Kit. The Upgrade has everything you need to turn your Spectrum into the stylish new Spectrum +. You don't even need an understanding of electronics, just the ability to solder a few wires together! The leaflet in the kit gives clear, step by step instructions. If you're not sure about doing it yourself, don't worry. Simply return your 48K Spectrum to us and for **£31.90 + £1.50 p + p** we'll upgrade it for you.

### The bigger, better Spectrum keyboard

The Spectrum + measures 12 1/2" x 6". It has a large typewriter-style keyboard, with hard, moulded keys. You'll find the new keyboard has a smooth, positive action - ideal for touch-typing, word processing, simulation programs, and extended programming sessions. Two retractable legs give a **perfect typing position**. There are 58 keys in all, including 17 new keys. Programmers will be pleased to see dedicated punctuation keys, a space bar, and separate shift keys for graphics and extended modes. And a reset button allows you to clear a program from your computer's memory without disconnecting the power supply.

### HOW TO ORDER BY MAIL

1. If you require us to do the upgrade for you please send **£31.90 + £1.50 p + p**. Total **£33.40**.
2. Should you require the do-it-yourself kit just send **£24.95 + £1.50 p + p**. Total **£26.45**.
3. If you require your Spectrum to be repaired and upgraded to a Spectrum Plus we have a special offer price of just **£50.00** complete.

Orders can be placed by using your Access Card on the numbers below.

**VideoVault Ltd.**

Upgrade Dept, 140 High Street West, Glossop, Derbyshire SK13 8HJ  
Tel: (04574) 66555/67761 & Manchester 061-236 0376

© Copyright Videovault Ltd. No. 682121



## STARFOX

Producer: Reaktör  
Retail Price: £8.99  
Author: Realtime

The eight-planet Hyturian system has long been surrounded by the Rubicon, a peacekeeping protective cube. Now the Rubicon has been breached by an aggressive ninth world which is popping fighters into space. Their progress must be halted.

You pilot the powerful fighter *Starfox*, looking into hostile space through the upper half of a horizontally-split screen. The lower portion consists of three small rear-facing scanners which alert you to approaching enemy space fighters and convoys.

The enemy can be engaged using *Starfox*'s laser, and you can get updated weapons by travelling down a wormhole to a planet and carefully docking with the mother ship which orbits it. Three weapons can be held at a time.

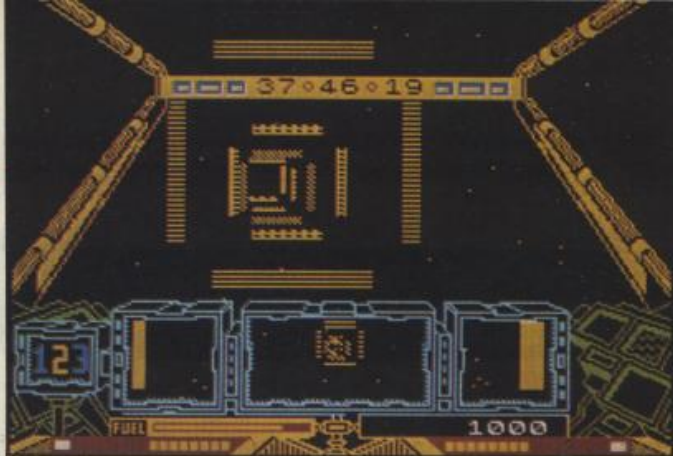
### MIKE

"Starfox is impressive, to say the least. The graphics are good – easily matching, even bettering those of the classic *Starstrike II*, which is an accolade! There's playability and addictivity in bundles, and I'd recommend this shoot-'em-up to anyone."

The mother ship can also repair damage sustained in alien attacks – damage is shown on shield indicators in the cockpit window.

*Starfox* has limited fuel reserves, which fall dramatically when turbo boost is engaged – speed bars show the ship's velocity. Extra supplies can be offloaded from a fuel ship when you're notified it's in the area.

Two logs can be called up. A general log indicates the coordinates of dangerous electron and ice-crystal storms, the make-up of the weapon pack and details of



► As pilot of the *Starfox*, you're alone in a high-tech combat zone

attacking enemy craft. And the autopilot log points the ship in the right direction for travel to logged planets. Coordinates of planets, convoys and storms can be com-

pared against present-position coordinates, shown on the centre crossbar of the main viewing screen.

When planets and enemy convoys are located, they're put on the holocube, a 3-D map of the universe which you can zoom in on or rotate to any angle.

At first your task is simply to destroy enemy fighters. At higher levels, more difficult missions are set. When all eight levels have been finished, the Hyturian system is safe.

### BEN

"Despite the brains and neat ideas behind *Starfox*, it becomes boring once you've learned the basics. The combat phase is very slow and the controls are much too cumbersome to use effectively. Some features add to the gameplay, but they make it confusing too. I wouldn't recommend this – it's monotonous and unplayable."

### ROBIN

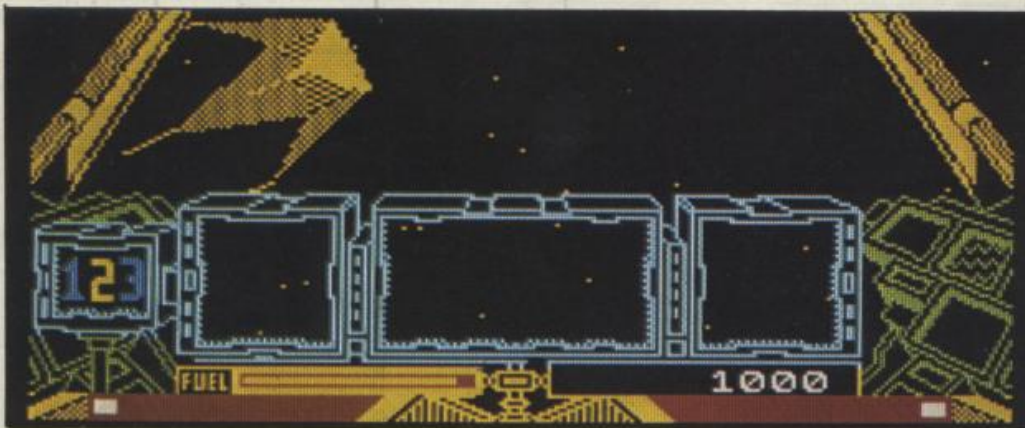
"Starfox isn't instantly as playable as some Realtime games, such as *Starstrike*. But the graphics are better, with smooth-moving shaded 3-D spaceships. Yet again sound is limited to a few odd effects, though. And at first the many controls are a bit fiddly – like other space epics (*Code Name Mat*, *Elite*), *Starfox* has a lot in it but takes a while to master. Then it's a joy to play. The fight sequences are great, reminiscent of *Elite* – the odds are stacked against you and it can be a real battle of wits. And *Starfox* has some innovative features, such as the 3-D Holocube, which is very useful for navigation if you know how the 3-D coordinates work. *Starfox* is very good if you put some effort into it."

### COMMENTS

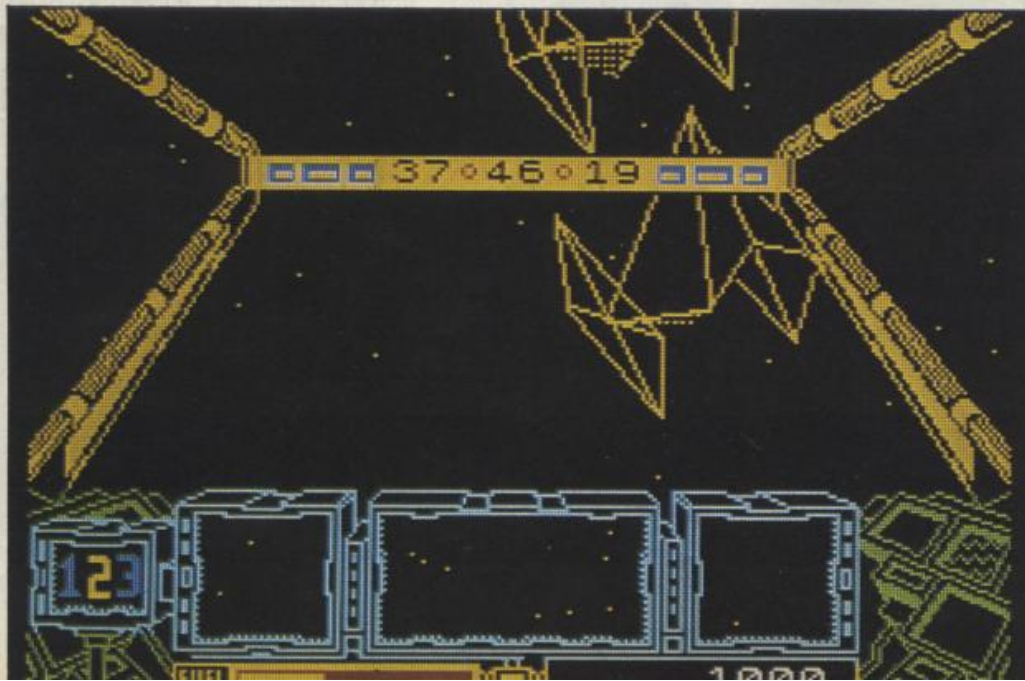
Control keys: definable  
Joysticks: Kempston, Sinclair  
Use of colour: monochromatic  
Graphics: excellent  
Sound: spot FX  
Skill levels: one  
Screens: the view from the cockpit  
General rating: a good solid shoot-'em-up despite difficult controls

Presentation	76%
Graphics	90%
Playability	68%
Addictive qualities	72%
Overall	77%

► Outstanding graphics add atmosphere to the view from *Starfox*'s cockpit



► Scanners and speed bars on the lower half of the screen keep you posted as you coast through hostile space





# DEADRINGER

Producer: **Reaktör**  
Retail Price: **£4.99**

**H**igh above Earth hangs the space equivalent of Wembley – a doughnut-shaped ring, home of the Death-Race. On this ring competitors meet in a game where to lose is to die.

Each racer rides an armoured skimmer which can move to any of the three surfaces of the ring. Visibility and therefore safety are best on the inner edge, but the largest prizes await the victor on the outside edge.

Using your ability to switch between surfaces, you can avoid obstacles and approaching craft. These are shown on a large central viewing scanner, with a smaller screen giving the receding rearward view. Three bars below the main screen show the skimmer's position in relation to other craft on each of the three surfaces.

Since victory is based on points awarded for the destruction of fellow competitors, each skimmer is equipped with a blaster and a protective shield. The blaster has a

limited ammunition supply and the shield only finite strength.

Should the shield be breached by too many contacts with other racers, then one of the craft's three lives is lost. And the other two may go as easily in the fast, harsh Death-Race.

## CRITICISM

● "Deadringer is one of the worst games I've seen this month. The idea isn't too bad – a sort of 3-D Shockway Rider in space – but the programmers have made a real mess of it. Graphics are jerky, badly defined and poorly coloured, and there's little playability. It doesn't come close to value for money."

MIKE

● "Deadringer is instantly playable – within a couple of games you'll be happily blasting the opposition away. But it's only an average game, lacking challenge and depth. The graphics are soon



► Take to the track in the space race stadium for the ultimate Death Race. Have you got what it takes to be the Deadringer of the future?

forgotten, and the sound on the title screen is annoying."

ROBIN

● "The concept is great – if only it had been successfully implemented. The graphics range from very mediocre backgrounds and track graphics to some superbly-drawn cars, but they're all badly animated. And shooting round the tracks would be great fun if only you had some feeling of movement. There's very little to do in Deadringer."

PAUL

## COMMENTS

Control keys: definable  
Joysticks: Kempston, Sinclair  
Use of colour: full colour but dull  
Graphics: poor and jerky  
Sound: aggravating title squeaks  
Skill levels: one  
Screens: continuous scrolling  
General rating: just another shoot-'em-up

Presentation	49%
Graphics	39%
Playability	51%
Addictive qualities	40%
Overall	42%

# SUPER G-MAN

Producer: **Code Masters**  
Retail Price: **£1.99**  
Author: **Peter Williamson**

**F**rollicking with his jet pack, G-Man missed the last space shuttle. Now he faces a hazardous expedition across the moon, which is infested with aliens.

G-Man can thrust upward, and accelerate or slow his forward speed. And he can increase his jet pack's fuel by touching fuel cells on the lunar surface.

As he moves across the moon, G-Man encounters piercing rock escarpments, yawning chasms and land mines which threaten his three lives. These inanimate dangers are supplemented by green hollow worms, the giant Blowerfish, vertically-firing missiles, fireballs and horizontally-flying hardware.

All can be blasted, but G-Man needs plenty of ammo, which he must acquire on his adventures.

G-Man's progress on this scrolling-screen moon world is shown on a distance indicator. Entering a teleport cubicle moves him at the speed of light – though it might lead G-Man into an uncomfortable situation.

## CRITICISM

● "Super G-Man looks like a failed O level Computer Studies project! The graphics are awful, and the scrolling is jerky, messy and unattractive. And though the sound is better than you'd get from a 15-year-old schoolperson, it's way below the standard I'd expect from a pro. This isn't worth a fraction of the price."

MIKE

● "Super G-Man is one of the best games Code Masters have ever produced. I love David Whittaker's music in small doses, though having it nonstop is beyond a joke. (You can't turn it off.) The graphics are reasonable, and colour is used well though the scrolling colour doesn't really work. The music is the best thing."

NICK

● "Super G-Man is a poor Jetman variant. The scrolling jerks along merrily, the graphics are small and not very impressive, and the title tune is annoying. The idea

is simple, and Super G-Man is an easy-to-play package – but it soon becomes dull."

ROBIN

## COMMENTS

Control keys: definable  
Joysticks: Kempston, Sinclair, Cursor  
Use of colour: average  
Graphics: terrible scrolling and jerky characters  
Sound: irritating tunettes  
Skill levels: one  
Screens: scrolling play area  
General rating: a weak and uninteresting Jetman variant

► Man In The Moon: Super G-Man

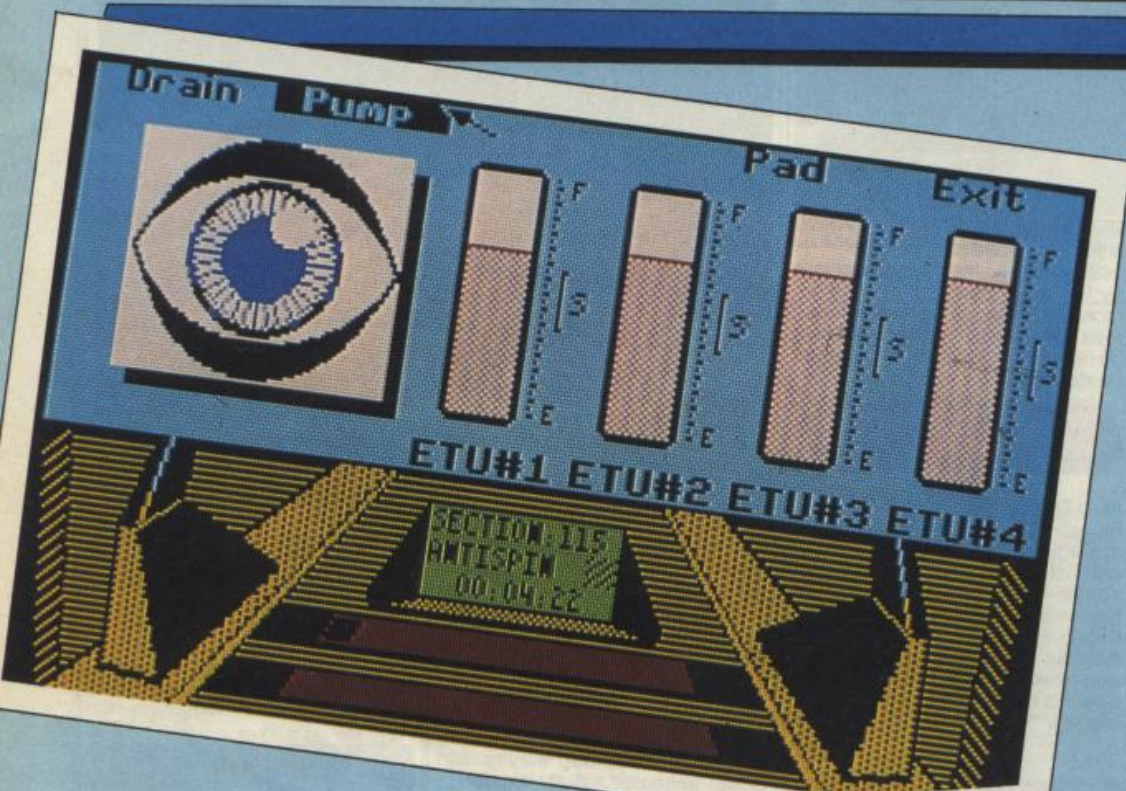


Presentation	54%
Graphics	47%
Playability	35%
Addictive qualities	38%
Overall	43%





# M·I·C·R·O·N·A·U·T O·N·E



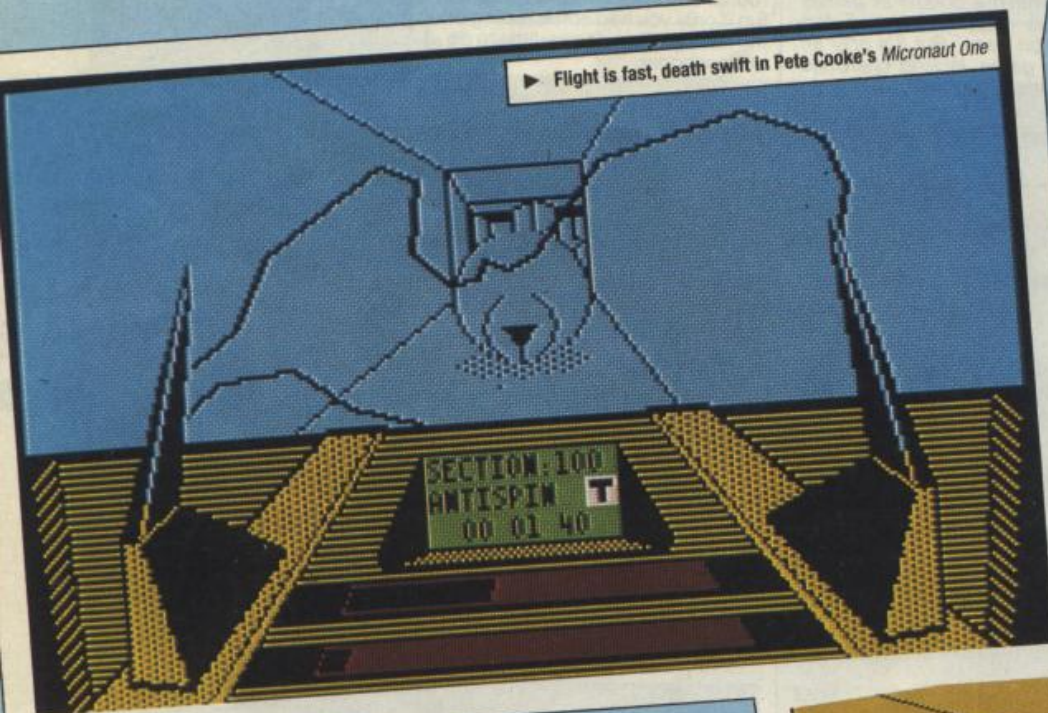
**A**s a member of the Guild Of Equalisers, you control a ship passing through the tunnel network of a biocomputer. The passageways are infested with Scrim – mutated fly-like predators, thriving on the computer's warmth and energy. Their eggs hatch into larvae and develop into web-spinning adult Jellyflies. Your craft can be guided along an intricate network of rectangular

## CRITICISM

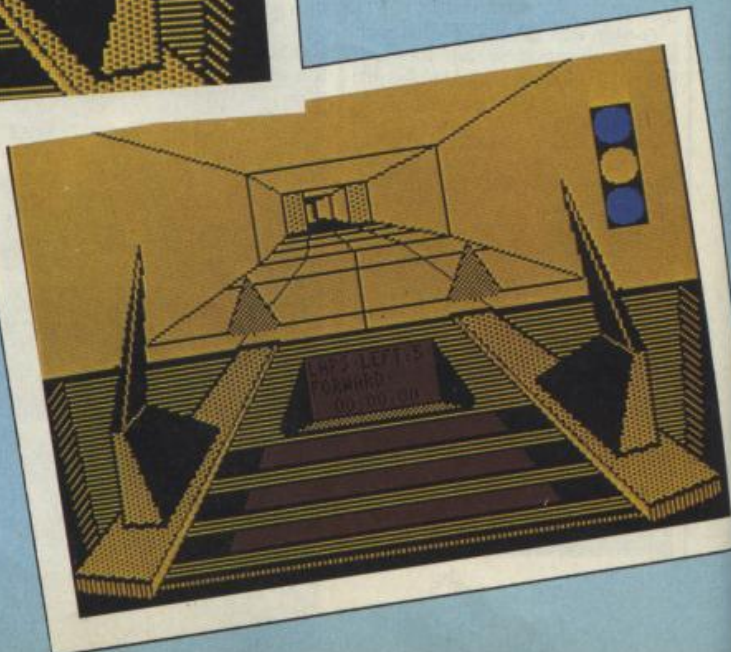
"Pete Cooke's works have been definitive landmarks of innovation, and Micronaut One follows suit. It's not exactly a complex game, but it is involving. The inlay sets the scene beautifully and explains the myriad of options. The tunnels appear very solid because of the mixture of masked vector graphics and the occasional wall. And perspective has been used well: not only do the Scrim move forward and backward in perspective but also, if the angle of view is changed vertically, the perspective changes accordingly. The only letdown is the sparse sound. The Tau Ceti duo were, I felt, too open visually, provoking a sense of 'what do I do next?'. But Micronaut is my sort of game – enthralling, exciting and highly playable."

RICKY

► Flight is fast, death swift in Pete Cooke's Micronaut One



Producer: **Nexus**  
Retail Price: **£9.95**  
Author: **Pete Cooke**





tunnelling, punctuated by junctions and projections, all shown on a split screen.

A map of the tunnels can be called up, with your position shown. And you can set up markers as homing points for the ship's Navigational Locking System.

The vehicle can move to avoid obstacles, take alternative routes, and stalk Scrim. Collisions cause interference on the viewing screen, and directional changes are indicated on a central window in terms of spin. You can only reverse when you hit an obstacle.

## CRITICISM

"Wow! Micronaut One is really attractive – and there's a full, polished, and thoroughly enjoyable game lurking under the smooth and fast vectors. The race subgame is a nice distraction, and supplements the full game well. The front end is polished to the point of being shiny; the vast array of options are all easily accessible from the superb select system; and it's obvious Pete Cooke has paid attention and time to all the tiny little details which make a good game seem great."

MIKE

Your craft is equipped with a targetable weapons system which throws forward energy tendrils. Killing parasitic Scrim may require persistent firing – and exhaust your energy. Passing through a nebulous energy swarm restores it, though.

And the craft's energy must be kept within a narrow range. Energy can be transferred to and from the craft by docking at any of four Cyclopean stations, protected by periodically closing translucent doors. At each of these, energy can be pumped into or drained from the vehicle's corresponding Energy Transfer Units (ETUs). At a safe level the energy bar is green, otherwise it's red.

If the energy level goes way beyond the limits – as it does if the craft is blocked in by Scrim webbing – the whole biocomputer complex could face explosive consequences.

When all the Scrim on a level have been destroyed, the craft is automatically transported to the next – and worse infestation. Information on alien life forms and the

## CRITICISM

"Pete Cooke has always produced first-class games, so I loaded Micronaut One in anticipation. The loading screen is a letdown – but the rest is fantastic. Graphically, Micronaut One is a smoother-moving, better-presented version of the 3-D tunnel game Zig Zag (an ancient hit by DK Tronics – CRASH Issue Five, June 1984). Gameplay is fast and furious, and the huge playing area features complex maps (one designed by yours truly...) so hours of fun can be had just exploring. Micronaut One can be a bit hard to get into, but perseverance and the inclusion of the simple race game more than make up for this. Pete Cooke has another hit on his hands, and no self-respecting games player should be without it."

ROBIN

biocomputer can be accessed.

And you can always cop out – by leaving the creature-infested passages and simply competing against time in a five-lap race through the tunnels. A pacer provides additional motivation.

Micronaut One programmer Pete Cooke (Tau Ceti, Academy) reveals all – well, some – in the last CRASH (Issue 42, July 1987).

## COMMENTS

**Control keys:** definable  
**Joystick:** Kempston, Sinclair, Cursor  
**Use of colour:** monochromatic – but you can choose the ink colour  
**Graphics:** excellent vectors and a good score line  
**Sound:** limited spot FX  
**Skill levels:** two separate games: one easy, one very difficult  
**General rating:** original, visually stunning, very playable and addictive

<b>Presentation</b>	96%
<b>Graphics</b>	91%
<b>Playability</b>	89%
<b>Addictive qualities</b>	93%
<b>Overall</b>	92%

## WOLFAN

Producer: Bulldog

Retail Price: £1.99

Author: Charles Bystram



Dark thoughts, deeds and demons lurk deep in a sinister kingdom. Wolfan the barbarian enters this demonic paradise to clear up the clutter and confront that contradictory and nameless being the Nasty One.

Wolfan sets off on his murky quest through a flick-screen world of garden pathways, arboreal arcades and stone halls. He encounters monsters – some are intelligent, some have one brain cell searching for a friend, some are nomadic following Wolfan between screens, and some remain confined to a single screen.

These critters attack Wolfan, sometimes unprovoked, and he also risks falling down mineshafts. But the monsters can topple coreward into these Coal Board relics, too, taking to oblivion any useful items they hold.

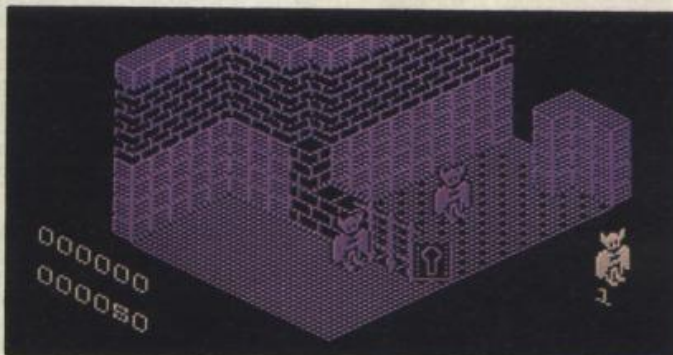
despite the unattractive characters, and the scrolling message is a nice (if unoriginal) touch. But there's not much playability, and Wolfan is essentially boring."

MIKE

● "Look out, world – it's another 3-D game with the same graphics and monochromatic colour scheme as all the others. Wolfan's only appeal lies in a cute touch: you can talk to any object around you, though the answer is usually 'Hello Wolfan... I'm a tree!'. Wolfan will only appeal to people who don't have many 3-D games."

NICK

● "Whatever will they think of next? Another monochrome arcade adventure, no doubt.



Wolfan can kill these aggressive creatures with well-aimed bombs or by transforming them into fat frogs. He then acquires anything they're carrying – but when the monsters carry objects to other screens, Wolfan can't get them back. Other items such as bones, moneybags and skulls can be gathered from the pathways and halls, to earn points.

For further aid, Wolfan can command monsters to speak, or ride on their beastly backs, though a fall from their bony shoulders puts our hero in intensive care. He can pick up extra knowledge by nuzzling the snout of a pig-headed Soothsayer, provided the Soothsayer has the globe of vision.

After chomping on a magic frog, Wolfan can barehandedly slaughter wizards.

And some mercenary monsters may accept bribes to join Wolfan's army; others are eager volunteers.

► Things are nastier than they seem in Wolfan

There's nothing new or exciting about Wolfan, it's simply lots of old ideas bundled into a boring and unplayable package. The graphics are typical of the Bulldog range, as is the awkward 3-D presentation. Wolfan is very much one of the monochrome pack."

PAUL

## COMMENTS

**Control keys:** definable  
**Joystick:** Kempston, Cursor  
**Use of colour:** monochromatic  
**Graphics:** attractive but unoriginal  
**Sound:** spot FX  
**Skill levels:** one  
**General rating:** uninspiring and derivative forced 3-D

## CRITICISM

● "We can do without a Greyfell clone this bad. The graphics are reasonable as forced 3-D goes,

<b>Presentation</b>	56%
<b>Graphics</b>	57%
<b>Playability</b>	47%
<b>Addictive qualities</b>	43%
<b>Overall</b>	47%



## THE LIVING DAYLIGHTS

Producer: Domark  
Retail Price: £9.95  
Author: Walking Circles

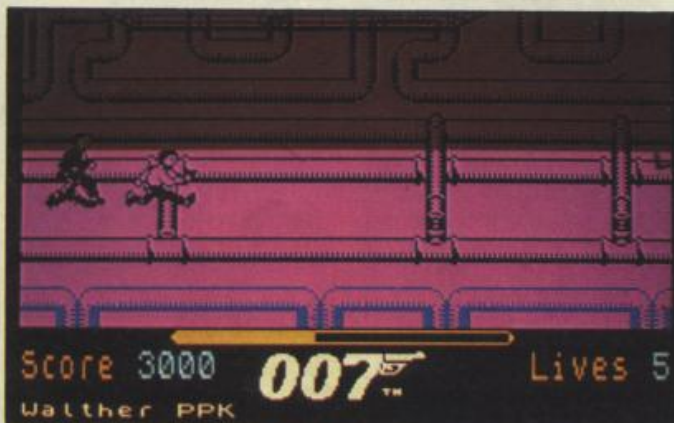
**Y**ou've seen the film, gasped at last month's CRASH cover, read about the special effects, now let your tape recorder chew up the game cassette...

Bond is back in Domark's adaptation of the latest blockbuster – *The Living Daylights*. Programmed by Walking Circles, who are really Design Design in new guise, it takes 007 through eight levels of Bond action in his attempt to defeat evil international arms dealer Brad Whitaker.

At the beginning of each level (apart from the first, where a paint gun is automatically chosen) Bond is taken to Q's laboratory where one weapon from a choice of four may be selected. Only one of the four is of real help in crossing the level, and it's up to you to choose the correct one within the five-second time limit. If the object picked can't be used as a weapon Bond reverts to his trusty Walther PPK.

All game levels have horizontally-scrolling backdrops – split into three layers to give a 3-D effect through parallax, with Bond remaining centrally placed.

► The escape through the Trans-Siberian Pipeline isn't quite like in the film...



Bond's actions are controlled via four-directional movements and a fire button. A sight is provided onscreen for aiming shots, controlled in similar manner, but while it's visible Bond is unable to move. When the sight disappears, the doughty agent is once again licensed to run, leap, jump and roll.

The hunt for Whitaker begins in Gibraltar, where Bond is involved in an SAS training session (hence the paint guns). But one of the SAS

the end of the landscape, jumping over the rocks, as tripping causes the energy bar to fall.

Levels Two and Three take 007 behind the Iron Curtain, first to visit the Lenin People's Music Conservatory where he's to help Russian KGB Colonel Koskov defect. However, there's a sniper out to kill Koskov – shoot the sniper and make a mercy dash for it and onto the Trans-Siberian Pipeline. This escape route presents Bond with an assault course of pipes at different heights, all of which he has to avoid to progress to the fourth level.

Back in Britain, where Koskov is being debriefed, the safe house has been infiltrated by Necros, another of Whitaker's henchmen. He's armed with exploding milk bottles and doesn't hesitate to lob them Bond's way. Shooting deters him from attacking for a while, but he'll be back.

► Having collected defecting Koskov, 007 shoots at Whitaker's sniper outside the Lenin People's Music Conservatory



is really an infiltrated member of Whitaker's team out to kill him. The SAS appear in the background occasionally popping up over the bushes while Bond runs along to

### BEN

"After trying hard to like this I failed miserably. The jerky parallax scrolling messes up the otherwise great graphics, so you can't see where you're going when running, to the huge detriment of the game's playability. Shooting the snipers that line the top of the screen is a thankless task, and while doing so you'll more than likely end up dead – the best bet on later levels is to leg it, ignoring the snipers altogether. The game's only redeeming feature is the wonderful title-screen music. It's a shame such sonic quality isn't continued throughout the game."

BEN

► With the famous Rock Of Gibraltar in the background, Bond splatters paint



### RICKY

"If you've seen the film this tie-in makes sense, but if you haven't it may all appear a bit confusing – jetting around the world shooting balloons, ducking milk bottles and diving around a pipeline. The eight levels are remarkably similar, all based around running forward while shooting Whitaker's henchmen. Some sections are unreasonably difficult, mainly because of the poor collision-detection. This is particularly apparent in the fairground scene, where you have to shoot the balloons so precisely it's unplayable. Graphically *The Living Daylights* is good, with some super animation of the main character – but the scrolling scenery is jerky. I would have liked to have seen a game with more depth, and there's plenty of opportunity with the Bond licence."

RICKY



## PAUL

"Comparisons with the film are bound to crop up, and to be fair to the programmers they seem to have fitted in all the locations comfortably, with enough room for some good little features. But while the film has engrossing action scenes, the game is just the same old idea over and over again with lots of different backgrounds to give a false impression of variation. However, there are some very smart touches; parallax scrolling, superb animation and a decent title tune. It complements the film well, but as a game by itself *The Living Daylights* lacks variation."

PAUL

On Level Five, Bond meets Necros again in a fairground. This time the assassin's armed with explosive balloons which float threateningly toward you. Shoot the balloons one at a time – but don't shoot Necros, or all the balloons are released, leading to certain death.

Level Six takes us to Whitaker's HQ in Tangier. Bond makes his way across the rooftops, avoiding more henchmen before reaching the penultimate level – a Russian airbase deep within occupied Afghanistan.

Once again there's a load of massacring to do before he can reach the exit which leads to the eighth and final level inside Whitaker's Tangier house. In his mansion, surrounded by his military equipment, Whitaker makes his appearance and... well that's up to you. But where, in all of this, are the Bond girls?

## COMMENTS

**Control keys:** definable, four directions plus FIRE and jump required

**Joysticks:** Cursor, Kempston, Sinclair

**Use of colour:** black-and-white line drawings on varied colours

**Graphics:** large, nicely defined and well-animated, but scrolling tends to mess things up at times

**Sound:** excellent tune, otherwise rather thin

**Skill levels:** one

**Screens:** eight scrolling levels

**General rating:** by no means a disaster, but the lack of real variation means lasting appeal is on the short side

Presentation	71%
Graphics	72%
Playability	65%
Addictive qualities	59%
Overall	63%

# CHALLENGE OF THE GOBOTS

Producer: **Reaktör**  
Retail Price: **£8.99**  
Author: **Tony Cooper**

**T**he Gobots' friends, have been captured and taken to the planet of Mobeius by minions of the wicked Dr Braxis. Knowing that the robotic super-group are sure to make a rescue attempt, Braxis sits back upon his evil bottom and waits. In due course the Gobots arrive and set about their task of mercy.

You control Leader-1, a courageous mechanoid with all-round manoeuvrability who travels through a horizontally scrolling corridor of floor and ceiling, rippled by hills. In these tunnel confines helicopters, fighter craft, and vicious robots materialise or emerge from their buried silos, and touching any of them, or hitting the ground, ends one of his three lives.

To protect himself, Leader-1 carries laser weaponry, effective against almost all his enemies, but additionally he can excavate rocks from floor or ceiling and hurl them at opponents.

White globular enemy bases are lodged on both the floor and ceiling of Mobeius. These can be destroyed by picking up scooter clones and dropping them onto the bases. When all of the bases on a level have been shattered, the next level can be reached, with a bonus of scooters given.

Leader-1's capabilities are further tested by his human friends who fall from airborne copters. They can be saved, but only if our hero is fast and brave enough.

For your extra delectation, a second cassette contains a *Challenge of the Gobots* music track by Robert Schroeder.

## CRITICISM

● "The gameplay is totally dire but somehow it's addictive. I'm sure, though, that nobody's going to be hooked on a game that's been as badly implemented as this for very long. The controls are unwieldy – fiddling with the front end only makes them more so – it's due to this that things get very infuriating. The graphics are small but cluttered on screen, and they lack detail. Sound is Gobots only redeeming feature, although even that falls apart on the title screen – nice effects though. All in all I'd stay well away from this one."

BEN

● "I never did like the Gobots cartoon so I didn't expect much of this game, and I got exactly that, not much! Worst is the presentation – there's no loading screen at the



► Blasting away, our brave hero fights on while all around him rages the war of the Gobots

start, just the irritating way Reaktör games load. The game is almost impossible to play, move up or down just the tiniest bit and you crash into some big white blob going by. The mountainous landscape in the background moves very well and the sound isn't all that bad, but I would expect much more playability in a game."

NICK

● "Nowadays all tie-ins are approached with the greatest trepidation and looking at *Gobots* it seems quite rightly so – there's very little to actually do. The game is unplayable for the most part, and all you really seem to be paying your money for are extras like the included soundtrack (a good laugh) and a stupid little storybook (only suitable for the under-sevens). Don't be fooled by all the implied content. *Gobots* is not a surprise, but more of a disappointment as another tie-in fails to come off."

PAUL

## COMMENTS

**Control keys:** definable  
**Joysticks:** Kempston, Sinclair, Cursor

**Use of colour:** varied and attractive but resultant attribute clashes

**Graphics:** very small display area and characters

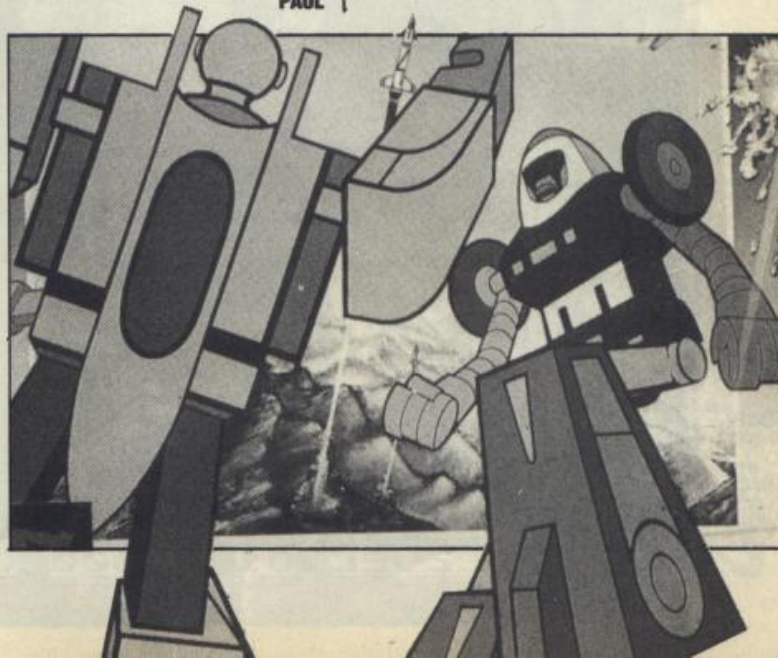
**Sound:** good music and reasonable spot FX

**Skill levels:** one

**Screens:** scrolling

**General rating:** thin content and low playability makes the game very disappointing

Presentation	58%
Graphics	42%
Playability	32%
Addictive qualities	40%
Overall	37%





## ROAD RUNNER

Producer: **US Gold**  
Retail Price: **£8.99**

**A**long the roadways of the wilds of North America scuttles Roadrunner, the long legged meeping, beeping bird. In paw-blistering pursuit of this elongated sprinter comes the sharp nosed Mr. Wile E Coyote, intent upon digging his canines into his prey's scrawny neck.

To escape his flesh-ripping fate Roadrunner can outspurt the coyote. But if nothing else, the prairie wolf is a persistent carnivore, and he's quite willing to

### NICK

"Beep, beep! Well, the sound is fabulous, I've never heard so many well composed tunes in one game. The graphics are average but the pictures of Road Runner and the Coyote around the edge of the screen are brill. The scrolling landscape behind Roady is done well and is very colourful as are all the other sprites running around the screen. The only thing that gets on my nerves is the way you have to load each level as you come to it. And if you are on level two and you get killed you have to load level one again. Quite good, but you'll need a pretty strong tape recorder to put up with the loading and re-loading!"

### MIKE

"I was quite impressed by the presentation of Road Runner—the title screen, with the attractive border and tune (I played the 128 version) were all very nice, but when I started on the game, I was in for a disappointment. The in-game graphics aren't exactly stunning, as colour has been overused to the detriment of the reasonable characters, and I was most annoyed by the machine's finickiness over the placing of Road Runner in order to pick up a pile of seed. Overall, quite reasonable if you're a big fan of the cartoon, but as a stand alone game, it's a bit of a let down."

pursue his avian adversary on paw, pogo stick, skateboard and even jet-powered skateboard.

The speeding bird has five lives which are lost if he's hit by an approaching truck, runs into one of the scattered boulders, or isn't spritely enough and ends up cuddling the coyote. Roadrunner can also meet his four feather fall by dropping into gaping crevasses, or stepping upon exploding mines. However both fates can be avoid by leaping over them.

But our hero's energy is not limitless, and he must gather seeds while he may to recoup his



► Coyote cuddling can be injurious to health

falling reserves. When a seed is missed an on screen message is displayed. Should he fail to pick up five seeds in a row, our sprinting songster faints with hunger and becomes easy poultry for the hungry coyote. But the seeds are not all they seem, some are rich in iron filings, and once lodged in Road Runner's gizzard, Mr Wile can use his powerful magnet to slow down the pesky bird.

Other features include invisible paint spilled upon the road, should either creature run through it, then both become invisible (making Roadrunner difficult to catch, but coyote hard to avoid), and lemonade, with points being scored by the gallant bird for the mouthfuls gulped.

For extra points Roadrunner can play chicken and let the ravening beast get close, then with a burst of speed leave him, poking out his tongue as he goes!

### ROBIN

"Road Runner is the latest in a long line of arcade conversions, and this game doesn't really improve their image. On the whole the graphics are reasonable with smooth animation but the old problem of attribute clash rears its ugly head once again. The music is actually quite good but I found the poor quality of the Spectrum's sound department meant that it soon became a bit grating. Road Runner's a very simple game; it doesn't take many goes to get into the style of play but I found some initial frustration with the controls to be off putting. If you're a fan of the arcade original then take a look, but I would say that it would be wise to play before buying."

### COMMENTS

**Control keys:** Q/A up/down, O/P left/right, M to jump  
**Joysticks:** Kempston, Sinclair, Cursor  
**Use of colour:** attractive, and suitably desert-like  
**Graphics:** nicely defined, but clashes often lose the detail  
**Sound:** excellent  
**Skill levels:** one  
**Screens:** scrolling  
**General rating:** far from the best tie-in/conversion yet, but despite some let down on the graphics, still a reasonably playable and addictive game

Presentation	78%
Graphics	73%
Playability	75%
Addictive qualities	72%
Overall	73%

► Despite the attractive side panels, the colour in the playing area sometimes leads to character confusion





# CONVOY RAIDER

Producer: **Gremlin Graphics**  
Retail Price: **£7.99**

**T**he seas are awash with enemy ships and submarines, asking to be wiped out so that the world's waters can be free once more – and in command of a powerfully armed ship, that's your task.

A map screen displays your ship's position – a flashing white circle – and that of the enemy in the area. A compass and speed readout act as navigational aids and help in directing the ship by joystick. A highlighted section of a smaller inset provides an overview of sea and land.

## NICK

"At first I didn't think I was going to like this game because of the slap-happy way it's presented. There's no loading screen, no tune, or any other little special touch that makes a game. But once loaded, the perspective used on the map screen is quite good with the sides of the map trailing off into the background. The general idea is to blow everything out of the water with as much force as you can, although it's less of an arcade game and more likely to appeal to strategy fans."

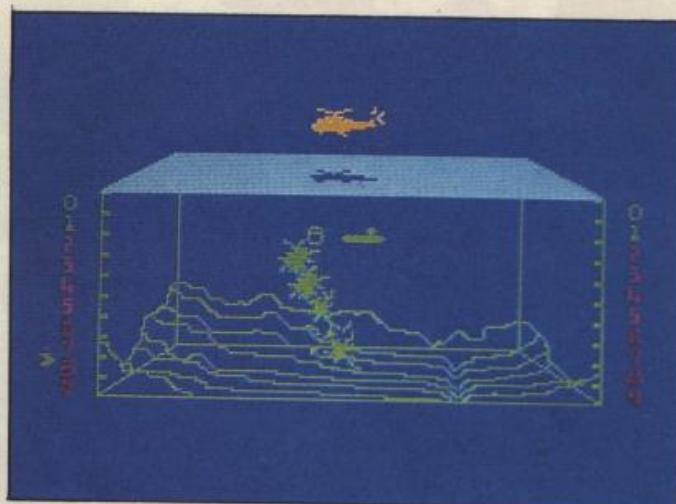
## BEN

"Convoy Raider is a sort of collection of little games that wouldn't make it on their own, rather like Beach Head, but a few steps on. It's been implemented with a lot of care so, generally, it works very well. But the gameplay is desperately lacking in content – the three sub-games simply aren't enough to keep any self-respecting games player happy for long. The graphics are fairly good, especially the helicopter screen with its representation of the sea bottom. On the whole, though, I wouldn't strongly recommend this as it's not very addictive or playable."

Three radar screens show the position of enemy aircraft and missiles, surface shipping and submarines. An on screen alert indicates the dangerous proximity of enemy forces. An enemy base on the map is indicated by a flag of the Rising Sun, and from here waves of attacking aircraft can be launched to threaten you.

Your ship is equipped with three defensive or retaliatory weapons systems, Seawolf and Exocet missiles and submarine destroying helicopters. Steerable Seawolf missiles destroy

► The map screen from *Convoy Raider*



► The enemy below – and the sub just escapes a lethal depth charge attack

give gyro or radar readouts, the approaching aircraft and anti-ship missiles, whilst Exocets can be flown low over the sea to take out surface ships. In this weapons mode, four video screens appear, the largest showing a view from the missile's nose, whilst others

missile's remaining flight time and height above the sea. If flown too high, signals from the Exocet can be jammed and its transmitted picture lost.

Deployment and activation of Exocets takes place in two phases. First, the missile, using the gyro compass, is flown to the enemy's last known position. Once there a target silhouette on the horizon can be chosen. Missiles must be fired and reach their target before their flight time expires.

To attack underwater, an anti-submarine helicopter can be used by stationing it above the sea's surface, seen as a 3-D map showing the seabed beneath. The chopper drops depth charges, which explode at a depth determined by the position of a moving arrow at the moment the charge was dropped. Submarines fire missiles upwards, and should too many strike the helicopter it's destroyed.

Any damage to your own vessel is indicated by a red section of the ship's silhouette on the map screen. This damage can be rectified by docking with a repair ship. A flag symbol on the map screen indicates its position which is changed when repairs have been undertaken.

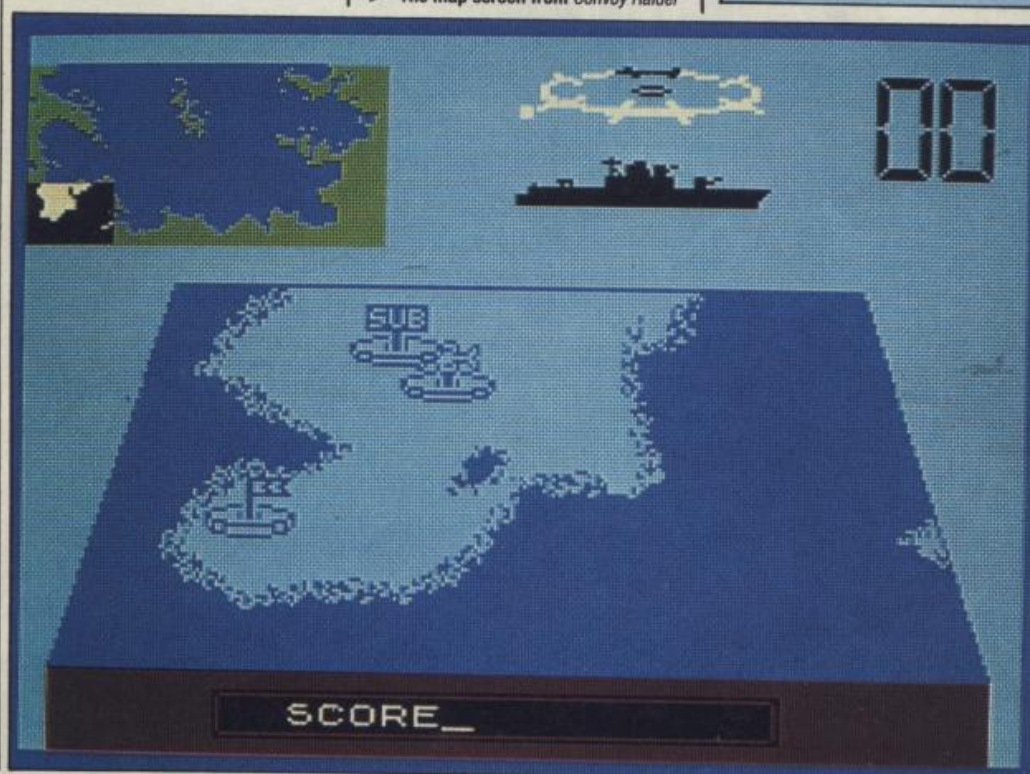
## PAUL

"Arranged in a very similar way to Footballer Of The Year (also by Gremlin), Convoy Raider is a few sub-games brought together by a common theme. As with FOTY, all the graphics are realistically drawn and well coloured, but none of them show any real originality. The sub-games are quite fun to play, but none has enough depth to create any strong addictive qualities. The fun of playing Convoy Raider is short lived – but good while it lasts."

## COMMENTS

**Control keys:** Z/X left/right, L/ up/down, Enter to fire  
**Joysticks:** Kempston, Sinclair  
**Use of colour:** varied, sensible and generally attractive  
**Graphics:** good detail and of reasonable size  
**Sound:** a few spot FX  
**Skill levels:** one  
**Screens:** five  
**General rating:** an interesting collection of games that doesn't quite add up to a great game and with limited appeal

Presentation	60%
Graphics	69%
Playability	56%
Addictive qualities	54%
Overall	56%





# We're IIg

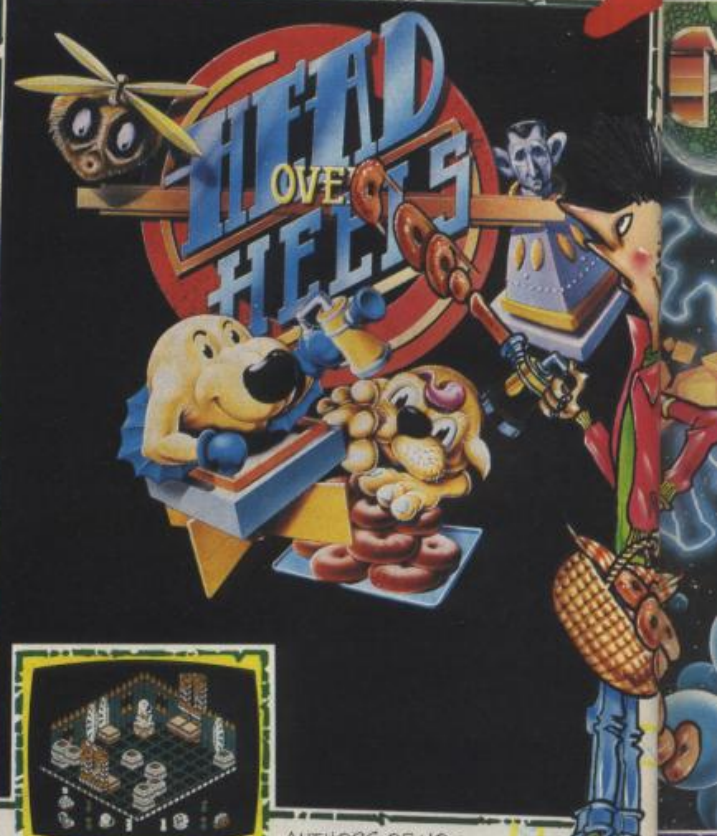
© 1986 James Clavell. Tai Pan is a registered trademark. © 1986 de Laurentis Entertainment Inc.

## TAI-PAN

TM



FROM THE AUTHOR OF *SHOGUN*, JAMES CLAVELL, COMES *TAI-PAN* AND A TERRIFIC NEW GAME PACKED WITH ACTION AND STUNNING GRAPHICS. *TAI-PAN* IS THE EXCITING STORY OF A MAN AND AN ISLAND. BECOME DIRK STRUAN - A PIRATE, A SMUGGLER, A MANIPULATOR OF MEN ACHIEVING RICHES BEYOND IMAGINATION. ENTER A WORLD OF BLOOD, SIN, TREACHERY, CONSPIRACY AND MURDER - A GAME OF GRAND ENTERTAINMENT!



AUTHORS OF NO. 1 BLOCKBUSTER, *BATMAN*, PRESENT 'HEAD OVER HEELS' - HI! MY NAME'S MR. HEAD. SOME SAY

I'M THE ONE WITH THE BRAINS BUT I DON'T THINK MY FLAT FOOTED FRIEND WOULD AGREE. I'M A REAL SHARP SHOOTER, BUT WITHOUT MY PAL MR. HEELS I'D GET NOWHERE FAST...OR SLOW! I CAN JUMP LIKE A FLEA AND EVEN GLIDE BUT HEELS IS THE DALEY THOMPSON OF THE TWO OF US - HE'S FAST! TOGETHER, IF WE CAN FIND EACH OTHER, WE REALLY DO MAKE AN AWESOME TWOSOME, AND THAT'S THE ONLY WAY WE CAN OVERCOME THE EMPEROR BLACKTOOTH.

TOOK...  
HAS AR...  
INES...  
VEN CH...  
OW CO...  
EVER...  
I DROV...  
EADLY...  
MUST B...  
F THEM...  
ND 40

# no matter how 'hard

TAI-PAN: SPECTRUM CASS £7.95, COMMODORE CASS £8.95 DISK £12.95,  
AMSTRAD CASS £8.95 DISK £14.95, ATARI ST DISK £19.95, MSX CASS £8.95,  
IBM/AMSTRAD PC + COMPATIBLES £19.95.  
HEAD OVER HEELS: SPECTRUM CASS £7.95, COMMODORE CASS £8.95 DISK  
£12.95, AMSTRAD CASS £8.95 DISK £14.95, MSX CASS £8.95, PCW £14.95.

OCEAN

Ocean Software Limited · Ocean House · 6 Central Street · Manchester



# Getcha!



TOOK ON THE MUTANTS KNOWING I WAS ARMED TO THE TEETH WITH MISSILES, MINES, TORPEDOES AND MORE... I COULD EVEN CHOOSE WHERE I WANTED TO FIGHT! HOW COULD I LOSE?... HOW DID I LOSE? I'VE NEVER SEEN ANYTHING LIKE IT... THEY CAME AT ME IN DROVES, IN SWIRLING BAGES, IN FORMS SPINNING A DEADLY GOSSAMER AND THERE WERE MORE TO COME... MUST BUILD THE ULTIMATE WEAPON OR I'LL NEVER BE RID OF THEM ALL! AN ESSENTIAL PURCHASE - MISS IT AND YOU'RE MISSING SOMETHING SPECIAL - ZBAP.



"WIZBALL IS UNDOUBTEDLY THE FINEST RELEASE SO FAR THIS YEAR" THE GRAPHICS,

SOUND AND GENERAL PRESENTATION ARE SECOND TO NONE, AND COMBINED WITH THE THOUGHTFUL ATTENTION TO DETAIL AND THE COMPREHENSIVE SERIES OF GAME VARIATIONS, YOU END UP WITH SOMETHING RATHER SPECIAL. DON'T DELAY, GO TO YOUR SOFTWARE SHOP AND SAY MR. RETAILER, SWIFTLY HAND ME A COPY OF WIZBALL SO THAT I CAN GO HOME AND PLAY IT FORTHWITH: MISS THIS AND YOU'RE MISSING THE BEST PROGRAM OF THE YEAR. ZBAP 66.

# rd-to-get'you play !!



MUTANTS: SPECTRUM CASS £7.95, COMMODORE CASS £8.95  
DISK £12.95, AMSTRAD CASS £8.95 DISK £14.95.  
WIZBALL: SPECTRUM CASS £7.95, COMMODORE CASS £8.95  
DISK £12.95, AMSTRAD CASS £8.95 DISK £14.95.



# PREVIEW

MERELY MANGRAM

Coming soon to a Spectrum near you!

**SURVIVING** is the name of the game, literally in the case of the graphically attractive newie from **US Gold**. *Survivor* (£7.95) was written by Topo Soft, a Spanish company. I don't know whether the purple prose of the inlay stems from its hot Mediterranean blood or from the colder hype climes of Brum - 'Floating somewhere in space, circling a long dead planet is a huge spaceship loaded with life forms... creeping along the walkways, a solitary creature fights for its own survival. The creature is the end product of a million years of evolution of a dying world' - but eat your heart out Arthur C Clarke!

You're the creature, endeavouring to perpetuate your race. Among the 142 ornate locations lie ten pods which should be placed within incubators. Depositing pods replenishes energy levels, but nibbling on one of the little engineers roaming the ship will do just as well. A cross between *Alien* and one of Jeff Minter's expectorating camels, the creature's defence is acid saliva, which it spits at anything looking remotely harmful. (Kano airport in northern Nigeria used to boast a stationary camel that chewed cud all day long, cunningly ejecting the smelly stuff from the side of its mouth at disembarking passengers. I throw this in as a mere, but interesting, aside, and to

say that whatever Mr Minter may think, spitting camels are not nice).

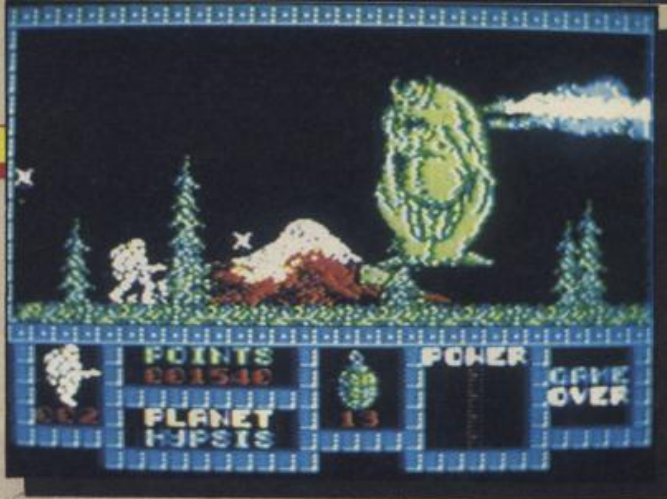
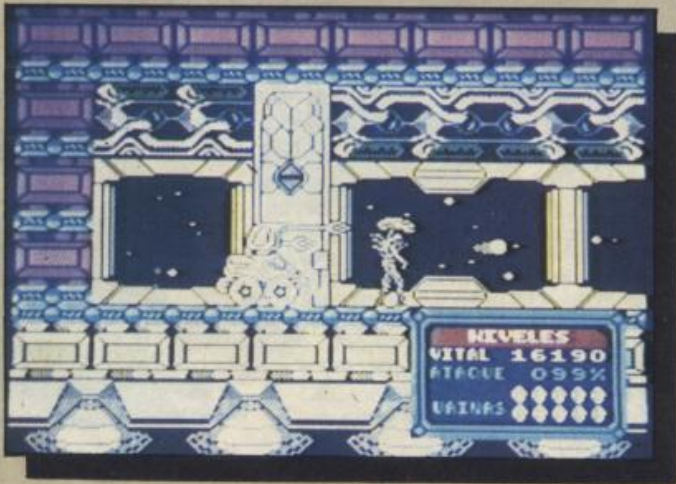
**Ocean's** big four for the summer certainly offer a better prospect than the weather (though it's hot and clammy as I write). Stickiest, and certainly the sweatiest, will be *Renegade*. A lot more work has been done on the game since I last saw it. The Amstrad version is complete (and looks just like the coin-op original), but on the Spectrum it is, if anything, slightly better. Why sweaty? Well after all the fuss over Palace's *Barbarian*...

Then there's *Athena*, which is most certainly not about buying cards from a well-known and hideously trendy gift shop, but a conversion from the SNK arcade coin-op. Set against a mythological backdrop of demons and bizarre creatures, you play gorgeous pouting Athena, a rampaging goddess with a penchant for smashing the scenery to bits in search of new armour. 'Stunningly addictive,' says Ocean, but we'll check it out next month.

Also from SNK comes *Tank* - Yo! Hell on the highway! Armoured arcade action! Hut! Get down, this is def! Take the Field Commander in his tank across jungles, swamplands and deserts and... what have I forgotten? - oh yes, kill everything in sight.

And then, before you've even got started, it's *Game Over* (the

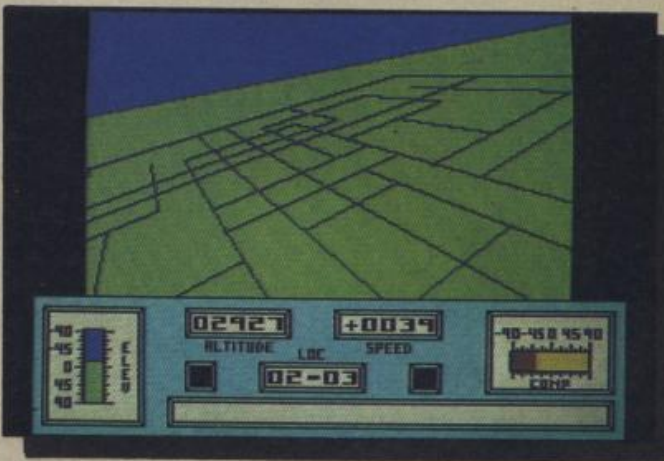
► The Survivor hasn't an engineer in sight for a midday snack



► As he faces the fat green lumox, could it be Game Over for our hero?

one with the ad containing naughty bits some magazines have been covering up). It's the second Dinamic game to be published by Ocean. The action takes place in a far off galaxy where a once-loyal Lieutenant has joined rebel forces to fight against his cruel Queen. His mission is to destroy the Queen's domain and

about to be revealed on the Spectrum. This Paul Woakes creation has taken ages to arrive after receiving acclaim in all its other incarnations. A 21st century soldier of fortune crash-lands on the planet Targ, where he becomes embroiled in the continuing conflict between two forces - the Palayars and the



► High above Targ, the terrain below suggests the mammoth size of the game

end her purple rain. It begins in the planet's prison where the loyal lefty secures essential minerals and destroys the place, then moves into the jungle before he reaches and infiltrates the Queen's palace to blow it to smithereens.

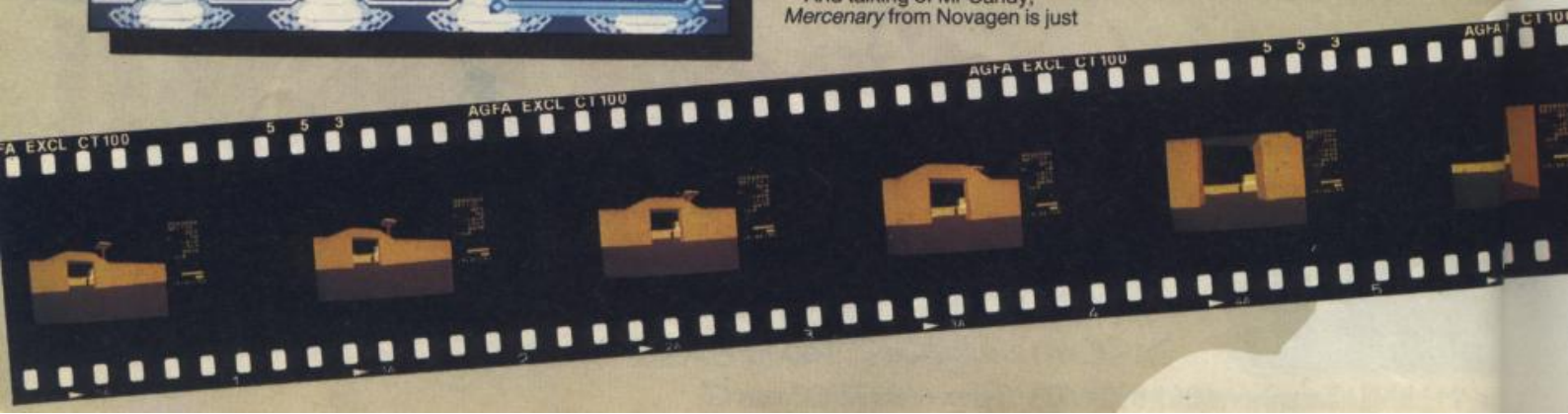
Of the four, I'd put my money firmly on *Renegade* which is, simply, a disgracefully fun game. However, it's also in a more advanced state than the others, much more so than Denton's *Tibet* for Ocean, a game so long in the developing to date that it'll only ever be for the 128. Still, to tide you over until the full reviews, take a look at the screen shot of *Game Over* and see if you can decide who that fat green lumox is on the right-hand side. Suggestions on a postcard to: Just Who Is This Robin Candy Lookalike? Comp...

And talking of Mr Candy, *Mercenary* from Novagen is just

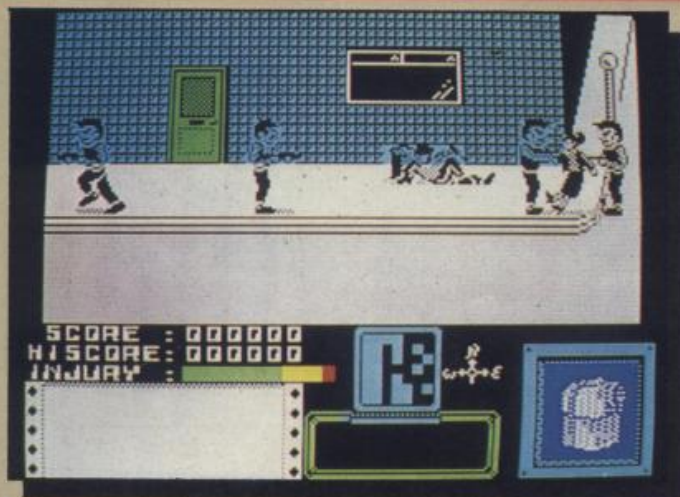
Mechanoids. The objective is simply to escape the planet alive. You can fly in a variety of craft and explore Targ's mysterious underground complexes, collecting useful objects to aid your quest.

Targ is huge, and exploration is essential. The enthralling movement of the vector graphics on the other machines has been an essential quality of the game - and Novagen say the Spectrum version is no different.

Carefree, mobile, and lethal, the software industry's answer to Bonnie and Clyde, Michael Baxter and Sarah Donovan, recently held a party to celebrate, amongst other things, the advent of *Grand Prix Simulator* by Code Masters. Inspired by the coin-op *Super Sprint* (to which, incidentally, Activision have the rights), it's a







▶ A girlie gets mugged and rapped over the head, but she needn't worry, Paul Kersey's third *Death Wish* is coming to her rescue

one- or two-player race around a track viewed from overhead. Originally on the Amstrad, it shot to number one in the charts.

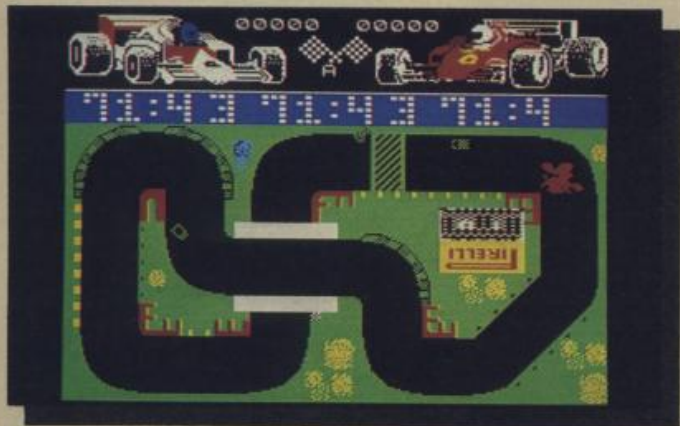
With 14 levels of difficulty it's bound to keep you up into the early hours of the morning. Full review next month – hopefully.

For those with Douglas Adams *Hitchhiker's* humour (like Mike Dunn, who thinks headbands tied round the wrist are pretty neat) *Mirrorsoft's* autumn release should be right up your street. Called *Moon Strike*, it features your archenemy Professor Humphrey Bogus, inventor of the digital teabag (and, incidentally, a relative of another well-known archenemy, Dr Blitzen, from two previous *Mirrorsoft* games). He's

just come up with this doobrie called a Tachyon Vortex, parked it on the far-side of the moon and, like any self-respecting mad scientist, intends to destroy the world with it. You might think this would be good enough a reason to enter the fray, but in fact your real purpose is to beat up Bogus for the terrible things he said about your grandmother.

*Moon Strike* is a vertically scrolling, shoot-'em-up from the New Zealand team of Binary Innovation, and stars pizzas and coins as the opposition – there's also a cameo appearance by Mona Lisa. Can't say fairer than that.

Gremlin, after playing around with cute characters such as



▶ One of the tracks from *Grand Prix Simulator*

Bounder, Thing and Monty Mole have now gone hard and mean three times over in *Death Wish III*, their big summer release.

Licensed from the ubiquitous film starring Charles Bronson as Paul Kersey, New York's vigilante devours the Big Apple.

By the fact that he's armed with a 475 Wildey Magnum, pump-action shot gun, machine gun, rocket launcher and a mean mouth you can tell he's no wimp and means trouble. Gangster style

shootings mount as he wanders the streets, but shooting at the local cops isn't wise, they start having wishes for death for him. Kersey's greatest ally is his unshakable belief that the fate of decent, clean-living, Twinky-buying Americans is in his hands – but so's the multitude of weapons with which he executes his death wish.

From mean streets to cuddly wildlife parks, the setting for *Yogi Bear*, *Piranha's* first cartoon

## FEEL FREE

### FREESCAPE (DRILLER)

Incentive Software

September

For once this is a preview of a technique and not, strictly speaking, of a game. When it arrives sometime in September, the game will be *Driller*, but it's the amazing new 3-D technique called *Freescape*, which Incentive's programmers have been slaving away over since last September, that makes the game possible, and you can see some evidence of how it works for the first time, here in *CRASH*. But a warning – the screen shots seen here are from an Amstrad, simply because that's the most advanced version as yet. Incentive's Ian Andrew says that the Spectrum will look very much the same however.

*Freescape* is described as using 'walk through filled three-dimensional graphics. The playing areas are all held in an astonishingly tiny amount of memory, thanks to advanced compression techniques, and they exist in a very real space. As you move through the landscapes of walls, buildings and objects, everything is displayed in real perspective as you would see it if you were really there. Walking through a doorway takes you inside a building. As you go through you can 'pan' up to see the door lintel sweeping over your head, you can look round, see steps and climb them (unless the ceiling's too low, when you bump your head and have to crouch down), turn back at the

top and see the door you came through.

*Freescape* allows for two modes of transport, a tank for low-level trundling, or, if you reach a hangar, open the doors and dock with the aircraft, you can fly over the landscapes, banking, turning and swooping with enormous freedom.

On-screen telltales inform of angle of view, elevation and movement steps. Movement can be in very large steps, or ones so tiny that the view changes almost imperceptibly. Calculations indicate an almost limitless number of separate views are possible – certainly billions and billions, making the 32,000 of *Lords of Midnight* seem like a six-screen platform game. All these views mean that movement speed is restricted, although it's much faster than, say, *The Sentinel*, but Ian's confident that by launch time, they will have improved even that considerably. As it is, it's very effective and generates a tremendous atmosphere.

*Driller* itself is still under development, but it should put in an appearance at the PCW Show in September. More details when we have them, in the meantime we'll leave you with an example of how the perspective changes as you enter the gateway of the demo world of *Freescape*.

Enter the world of FREESCAPE, through the archway, into the inner square – and then you see the tower – you approach the tower, and look up, awestruck by its sheer size, reaching to the heavens. Now you are trapped in a new three-dimensional reality... Wow.



# PREVIEW

licence. Cartoon characters haven't always come across too well on the computer – we've had a disappointing Asterix, a pretty, but uninspiring Rupert, and Fred Flintstone only raised a few chortles. Perhaps Piranha will finally delight... Playing Yogi, true to the cartoon series, you travel the wilds of Jellystone Park raiding grub from picnic baskets while avoiding that familiar plague, Ranger Smith, who's out to stop your greedy antics.

There's not only the Ranger to contend with, but also the devilish map which includes many hidden passages – some helpful, some not. The game's ultimate object is to rescue your little buddy Boo-Boo, who's been captured

(although I'm not too sure who by yet). If you want to be one of the first to save Yogi's ill' pal then look out for a smarter than the average competition next month.

Finally, there's Quicksilver's first major release of the year, *The Tube* (£8.95), which has been done by Gannon Designs up in Scotland. No, it's not a licensed version of the infamous TV music programme with an animated Jools swearing his way through garbled introductions (though there's a game for you...), it's a fast, scrolling shoot-'em-up set in a tube. Argus say the Spectrum hardware has been pushed to its limits with *The Tube*'s many new features which have been incorporated in an innovative way.



► On the hunt – Yogi for food (and Boo-Boo, in that order), Ranger Smith for greedy bears

One factor it *does* have in common with TV's *The Tube* is music, written by the prolific David Whittaker, who is said to have developed a new system that works on both 48K and 128 versions, using the machines to full effect.

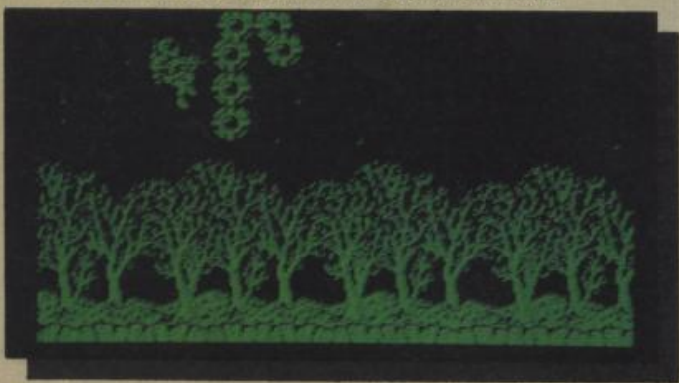
Fast, horizontally scrolling news from Firebird says that a biggie shoot-'em-up called *Sidewize* is headed this way on their Gold label. It's been written by the Odin team, and Firebird's Colin Fudge says, 'It's a fantastic shoot-'em-up with 60 trillion sprites, amazing parallax scrolling, and it's the best thing since French style yoghurt.' But what would he know? I've seen several screens in action, and it certainly looks like a powerful piece of software. No release date as yet.

## RELEASE DATES

The following dates are the best release times we have, but are not guaranteed!

**SURVIVOR** mid-August  
**RENEGADE** end-August  
**ATHENA** end-August  
**TANK** 15 July  
**GAME OVER** 20 July  
**TIBET** no release date  
**MERCENARY** PCW Show  
**GRAND-PRIZ SIMULATOR** end-July  
**MOON STRIKE** 10 September  
**DEATH W/SH III** mid-August  
**MASK** no release date  
**YOGI BEAR** no release date  
**REBEL** 24 July  
**CONVOY RAIDER** mid-July  
**THE TUBE** end-July

► Blasting an alien horde over Ludlow forest: *Sidewize* from Firebird



# MAD DOGS AND ENGLISHMEN

## STIFFLIP & CO

Palace, £9.99

end-August

**R**IGHTO CHAPS! Listen up! A rather decent game's coming out to bat from the Palace Software chappies back home in Blighty. Called *StiffliP & Co*. Written by Paul Norris and Rupert Bowater of the new programming team Binary Vision, previously The Electronic Pencil Company. Spiffing stuff, what.

*StiffliP & Co* is an icon-driven arcade adventure set in the closing days of the great British Empire – days when only mad dogs and englishmen went out in the midday sun, and not hordes of Club 18-30 holiday makers. Split into two independently loaded sections – *Out for the Count* and *The Final Countdown* – the story follows the adventures of Sebastian StiffliP and his trio of mad-cap followers: Professor Braindeath, Colonel R G Bargie and Miss Palmyra Primbottom.

They've teamed up to defeat the evil Count Chameleon and his frightful Rubbertronic ray, a ray so devastating it could neutralise the starch in winged collars, loosen upper lips, lower moral and sexual standards and, worse, seriously effect the bounce of a cricket ball. The bouncer must be stopped.

The player controls all four characters as they interact with one another, solving problems to

accomplish the mission. Actions are displayed in traditional comic book fashion, so that when a character moves from one location to another or completes an action the 'page' rolls up and

over, or is ripped off, to reveal on the 'page' beneath the consequence of the action.

Icons on the right-hand side dictate actions and include **chinwag** – talk and trade with other characters; **fisticuffs** – fight off the Count's henchmen who pop up regularly; **beetle off** – movement; **do one's stuff** – act; **state of play** – take stock; and

**change batter** – swap between characters.

If one of the quartet is ambushed the screen flicks to the fight sequence. It's an unusual but entertainingly original fighting technique, but if you don't feel like a dust up, there's an additional screen which allows you to turn tail and run – but what kind of cad would you be to do that?

*StiffliP & Co* should be ready for review next issue, until then – keep stiff.

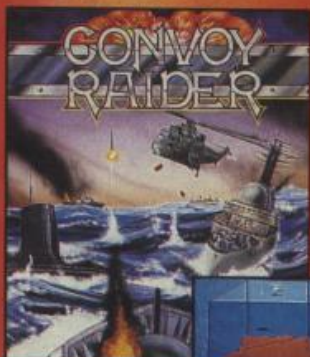
► From the stiffest upper lips in the business to the primest bottoms





# HANDLE WITH CARE

Watch out, there's an explosive trio of new releases about to burst into the shops and they're by no means a set of damp squibs. In the right hands they're worlds of tremendous excitement, action and skill. In the wrong hands they'll turn into mind blowing, nerve shattering packages of player destruction. You'll have to judge for yourself if you've got the confidence and ability to take on such a challenge.



## CONVOY RAIDER

The free world is in peril - war has been declared and the enemy is closing in. Your weakest point is the coastline so a strategic defence initiative has been adopted. YOUR MISSION - is to patrol and defend the inner sea using all the modern weapon systems with which you have been supplied. SEAWOLF - a deadly accurate missile for use against both aeroplanes and anti-ship missiles. EXOCET - a video linked rocket for attack upon surface ships. ANTI SUBMARINE HELICOPTER - attack the enemy submarines using your depth charges. The future of the country lies in your hands; frighteningly powerful weapons are at your disposal and important tactical decisions must be made.

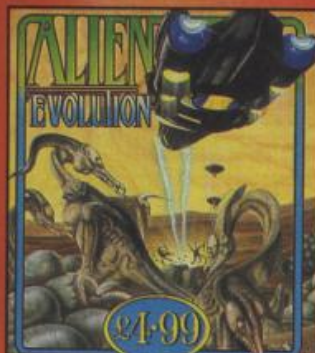
CBM 64/128 C £9.99 Spectrum 48/128K C £7.99  
D £14.99  
Amstrad C £9.99  
D £14.99

## ALIEN EVOLUTION

Following a nuclear holocaust the earth has been populated by a race of hostile aliens. The human survivors driven underground have finally developed a CYBORG android capable of destroying the aliens, but even if CYBORG G4 succeeds in exterminating the first few aliens he will then have to contend with a multitude of the next breed which evolve from their remains and so life continues...

Will CYBORG G4 ever halt the ALIEN EVOLUTION?

Spectrum 48/128K C £4.99



## FINAL MATRIX

Within a galaxy of uncertainty, a universe of confusion, a reluctant hero, Nimrod, sets out on a mission that will determine the fate of his brethren. Captured and banished to imprisonment within the vast and hostile Craton Matrix prison network, members of this peace loving race are doomed to an eternity of solitary confinement. Only Nimrod can find their hidden locations. Only Nimrod can release them to freedom again... Only Nimrod can discover the secret of the FINAL MATRIX.

Amstrad C £9.99  
D £14.99  
Spectrum 48/128K £7.99



## DYNAMITE ACTION FROM

# GREMLIN





## BACK ON THE SCREEN!

**MIKE 'SKIPPY' DUNN** takes millions of cassettes to task, scrutinises them in infinite detail, and finally comes up with another **ON THE SCREEN** feature for your delectation, delight, etc etc



### ◆ GUNSHIP

Pow! The ominous looming helicopter from Microprose's Commodore flight simulation *Gunship*. The yellow background is a bit bright but the helicopter itself looks very good, well proportioned and shaded. The gentleman responsible for this? Mark Otway, of Shepperton, TW17 8SW.



### ◆ THE SENTINEL

There are two pictures based on Firebird's *Sentinel* loading screen this month. There was a little dispute over which was the best, so to compromise I decided on both! The first (that's the one in purple and green) was done ages ago (dug out from the dungeons beneath the Towers, millennia before the Spectrum *Sentinel* was a glimmer in the eye of Geoff Crammond) by S P Thurlow of Stowmarket, Suffolk. Despite the odd (but effective) colour scheme, the overall finish is quite good. The other (red and green, slightly smaller) is the work of Michael Timberlake of Worksop, Nottinghamshire (who included a huge list of other people who helped/hindered him!). Again, a slightly different colour selection from what you might expect, but surprisingly good.



That's the lot for this month – already. The influx of screens seems to have increased, but more wouldn't go amiss! Remember, the best entries win fame and all that, as well as a full-colour framed and mounted screen dump courtesy of Rainbird, without whom **ON THE SCREEN** would be neither possible nor plausible.

If you want your tape back, send a stamped self-addressed envelope with your entry. And if you don't want to spend all that money on a separate envelope for the competition below, you can even put it in the same one – but make sure everything's clearly labelled.

Send your entries in the general direction of: Mike Dunn, **ON THE SCREEN**, PO Box 10, Ludlow, Shropshire SY8 1DB

## WIN TEN BILLION COPIES OF ART STUDIO (well, one)

**Crash Competition**

One day that nice Clare Edgeley from Rainbird rang up and asked whether I'd like five copies of *Art Studio* to give away. Naturally, I jumped at the opportunity, and I'd accepted before I'd had a chance to realise this would mean having to write a competition. And now I'm sitting here manacled to my desk, trying to think of something for you to do. Oh, inspiration, where are you in my hour of need?

I suppose it'll have to be something nice and easy to save you lot moaning. I know! Seeing as we've just relaunched the **ON THE SCREEN** feature, we could use a new logo. The winner (that's the single best logo) gets his/her logo used in **CRASH** and blown up and mounted in full colour by Rainbird – and also gets a copy of *Art Studio*, the hottest thing to happen to computer-screen design since the invention of the cathode-ray tube.

runners-up get an *Art Studio* each. Tell me your name and address and whether you'd like the 'advanced' *Art Studio* (for the 128, + 2 and + 3) or the standard version (for us poorer minions/people with a 48 or +). Pop it all into a jiffy bag along with your cassette (we'd like the screens saved as **SCREENS**) – and, if possible, a printer dump of your screen, to save us time and effort. Don't worry if you can't send a dump, though; it won't affect your chances.

And remember: if you want your entry back, enclose a stamped, self-addressed envelope.

Send your entries (to arrive by 27 August latest) in the general direction of: Mike Dunn, **ON THE SCREEN**, PO Box 10, Ludlow, Shropshire SY8 1DB





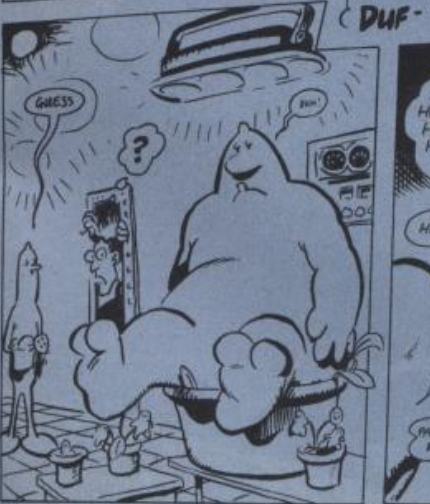
# ULTIMATE PLAY THE GAME

PRESENT



## JETMAN

OUR HERO, HAVING BEEN INFECTED WITH STAR BLIGHT DISEASE, WAS WAITING TO DIE FROM BRAIN ROT BUT YOU CAN'T ROT WHAT YOU AIN'T GOT SO HE'S NOT! NOW HE GOTTA CLEAN HIS LAST WILL'N TESTAMENT OFF THE SPACE SHIP WALL BEFORE HIS PAL, THE MONSTER, WAKES UP!





# THE FATE OF A NEW MACHINE

**CRASH has received one of the first production +3s – the real thing, not a prototype – and while the micro business struggled with its doubts we put our Technical Editor on the case**

## INSIDE THE BOX

**THE NEW** disk system, +3 DOS, should be fast enough for most purposes, though it's a lot slower than third-party systems like Disciple and the Swift Disk. A 32K code file takes 21 seconds to SAVE and 18 to LOAD, less than a third of the Swift's loading speed. Formatting is fast – it takes about 16 seconds to format one 173K side of a three-inch disk. The RAM disk of the original 128 is still present; the syntax to operate it has changed for the better, but the capacity has fallen from 74K to 58K.

Despite the extra disk drive and printer port, the +3 is simpler internally than the +2. There's very little left of the original Spectrum design, apart from the minor bugs in the ROM. It seems they've all been carried over from the +2 (except the NMI bug, which sports a one-byte correction).

Both Sinclair logic arrays have been replaced by a single 'flat pack'

You need a printer and special test disk to make the most of these routines, but they're fun to play with and should help retailers sift out faulty machines.

I expect the +3 circuit board, less disk controller, will be used in future +2 machines to take advantage of the simplified logic circuitry. There's already a connection-point for an internal cassette drive, which could take the place of the +3's disk. A version with built-in tape and external disk drives would also be practical.

+3 DOS works happily from cassette, but the machine doesn't come with a tape lead – you need two mono jacks connected to a stereo one. Maybe this is Amstrad's way of encouraging the release of new programs on disk, but there's a vicious circle there.

The +3 doesn't let you transfer the majority of games to disk from protected cassettes, yet software

houses won't supply games on disk till lots of machines have been sold.

Several firms hope to break the deadlock with 'magic button' copying add-ons, despite the lack of some Spectrum edge-connector signals which previous copiers have relied upon. Even then, there could be trouble copying programs which use new CP/M 64K RAM configurations, as there's no ROM space for a copying device to put its own code in.

The +3 circuit board will doubtless be redesigned soon, as there are three boggles on the back of the board. Two capacitors, three diodes and a resistor have been tacked on to coax the machine into reliable operation.

Several signals have vanished from the edge connector. The video and colour-difference lines have gone, though you can still hook up an RGB monitor through the Peritel socket, and a Composite one by clipping wires onto the circuit board, as explained in TECH TIPS Issue 28.

The nine-volt and five-volt supplies have gone, as have the ROMCS and IORQGE lines used by some add-ons. As the manual puts it, 'there is no guarantee that a device which ran correctly on a Spectrum 48K will run on a +3.'

The +3 works; it's well-documented and professionally-made. But other Spectrum disk systems offer better performance at a similar upgrade price.

**SIMON N GOODWIN**

## MONEY MAKES THE DISK GO ROUND

**THE** friendly, homely high street is a tough place. In the micro business, some 15 chains are racing for your cash; none can afford to back a loser.

And despite its Spectrum

pedigree, the +3 is given only an outside chance.

Few high-street chains have followed Boots and decided to stock the +3. Sean Willis, who chooses computers for all W H Smith shops, is dubious about the +3's prospects – there won't be a high demand, he says. 'It's fairly specialised, possibly overpriced.'

Nearly all the big chains' computer buyers agree £249 is too much for the +3. It's too close to the price of machines like the Atari ST and Amiga, they believe, and shoppers with hundreds to spend will go for those.

But the micro industry is sure it'll come down to £199 in the autumn, when Christmas present-buying is big business. Dropping below the £200 mark would bring the +3 within many more people's spending range, and the increased sales could outbalance the lower price.

'If the price came down to £199 I'd be more enthusiastic; if it came down to £150 I could move the +3 in quantity,' says an independent retailer, Julian Musgrave of Games World in London.

Of course there's no Spectrum without software, so shops and software houses are playing a waiting game – who'll commit themselves to the +3 first?

Already two major houses, Activision and Ocean, are positive.

But Domark's Mark Strachan speaks for the majority when he explains 'we'll sit on a fence for a while. If it sells well, we'll probably convert some of our original games onto disk, but we won't write for the +3 specifically.'

Another problem: the three-inch disks are expensive, which may rule out single-game budget releases.

Still, if the new machine proves popular the software houses will be grinding out +3 games to feed the market. And Amstrad boss Alan Sugar reputedly expects to sell half a million +3s in the UK and Europe.

high demand,' says one high-street chain's computer expert. 'They're a strong, aggressive company. And I'm sure if Alan has stated half a million they'll go a long way toward achieving that.'

**BARNABY PAGE  
with BEN STONE**

chip, as used on the Amstrad PCW word processor. The 128K of memory has been squashed into four 64Kx4-bit chips. The nonstandard drive is identical to the unit in CPC and PCW Amstrads, and you can plug in a DMP-2000 printer or FD-1 second drive – both of which were originally made for the CPC range.

The +3 is Alan Sugar's quick and dirty answer to the home market, and it kills the CPCs stone dead. +3 DOS is a souped-up version of AMSDOS, but it hasn't been linked into the Spectrum's streams. That means you can't use sequential or random-access files from ZX BASIC, even though there's 4K of unused code space in the DOS ROM.

The +3's 64K ROM also holds a set of diagnostic hardware tests. You can get at these by pressing RESET and BREAK, to call up the 128's TV setup display, and then pressing two groups of keys simultaneously: QAZ and PLM.

► The object of all this attention





# Video Reviews

## MONSTER IN THE CLOSET

With **Donald Grant**

Label: **VPD**

Certificate: **15**

Running time: **1 hour 26 minutes**

In the small Californian town of Chestnut Hills, an ordinary day is halted by a piercing scream which cuts the country air. A blind man is found dead in his own bedroom closet.

Not only that, his trusty Alsatian dog is found hung on the inside of the closet door – and both bodies are pierced with two puncture marks. Clearly these are no ordinary murders!

A few days later, miles away in San Francisco, newspaper

### ROGER

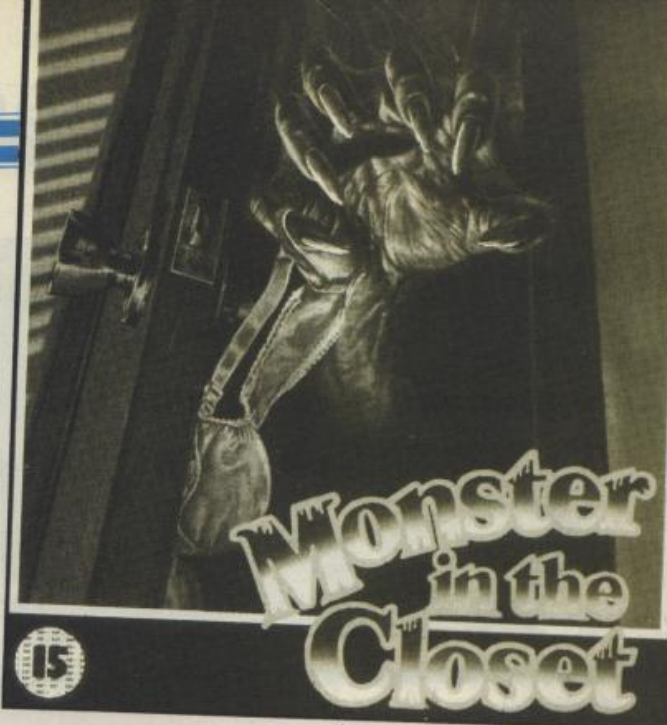
"The great game to play while watching *Monster In The Closet* is 'spot the film', for it's a parody of just about every horror and SF movie ever made (King Kong, War Of The Worlds, Creature From The Black Lagoon, Psycho, Close Encounters). At its worst the plot is thin and silly, at its best the parodies are fun and sometimes even exciting. And this film has to have the most ludicrous 'scientific' ending ever. Neither great, nor a waste of time..."

**68%**

### MIKE

"For the first quarter of an hour *Monster In The Closet* treads the very thin line between a serious, poor horror movie and an amusing parody. But there's a point where the film's intentions become clear, and from then on keeping a straight face is out of the question! *Monster In The Closet* deserves a huge success in the hire shops; unlike most comedy videos it's every bit as screamingly hilarious second time round."

**95%**



### DOM

"With *Airplane* splattered all over the inlay I was expecting a tremendously funny film. Sadly *Monster In The Closet* doesn't go as far with any of its comic situations as the classic *Airplane* movies. Most of the jokes are implied, and therefore will only appeal to people with an extremely warped sense of humour. The monster is absolutely gruesome though, and Donald Moffat is excellent as a maniac Marine leader."

**52%**

## PLAYING FOR KEEPS

With **Daniel Jordano and Matthew Penn**

Label: **Guild Home Video**

Certificate: **15**

Running time: **1 hr 42 mins**

There's nothing in New York City for Danny, Spikes and Silk now they've left high school. Spikes (Matthew Penn, brother of Sean, hence Madonna's brother-in-law, strike a light) dreams of basketball; Silk (Leon W Grant) is, well, just about willing to take a middle-management job in the music business; Danny (Daniel Jordano) is full of bright ideas for a big-business future; all three face lifetimes as janitors or delivery boys.

Rummaging in his mum's things one day, Danny discovers his family has inherited an old hotel in rural Pennsylvania, and he persuades her to let him take it over. His new dream: to convert the run-down mansion into a hotel

### DOM

"*Playing For Keeps* suffers from the psychosis of teen movies: an unrelenting upbeat nostalgia, which makes the film feel like a desperate attempt to convince middle-aged movie-makers that they too had this easygoing, macho teenage life and looked this good. But like the best teen films it's friendly, poking gentle fun rather than mocking the naive kids and the wonderfully ugly characters of small-town America, some caught in single shots or lines. And *Playing For Keeps* is at best entertaining and at worst HARMLESSLY dull: full of energy, a bit slow-witted perhaps, but still one of the nicest films on the block."

**71%**

### BARNEY

"Not another set of predictable, wisecracking, too-cute-to-be-true buddies! *Playing For Keeps* has a potentially strong story and some real, frustrating drama – you sympathise with Danny and gang when they're hassled by the hostile town. But the solution is too pat, the baddies are too evil, and even Danny's 'poor' family and friends are too well-kept and well-spoken. And the attempt to make the street game 'Christopher Columbus' into some symbol for life, success, winning through etc fails and slows the film down. Nothing in *Playing For Keeps* rings true, and I can't help feeling the Weinsteins are using likable kids and music to cheer up an insipid film."

**64%**

of teenagers, for teenagers, and by teenagers, where the disco shall have no end.

But the three heroes and their hangers-on – slum schoolmates, a wise old hermit they find living in the hotel (really!), and a beautiful but innocent farm girl (really! Mary B Ward) – are up against the grim interests of industry. A developer wants to build a 'chemical

reprocessing facility' (ie toxic-waste dump) on the site of their hotel, and will go to any lengths to get them out.

So, while the 'city trash' dig and clean and build and polish – and argue among themselves – the police and townspeople plan to get rid of them. The scene is set for a nasty battle, the innocent stand to lose, and only the quick thinking of the city streets can get them through the maze of violence and

► The teen spirit: *Playing For Keeps*







harassment... *Playing For Keeps* is a semimusical: Phil Collins, Pete Townshend, Chris Thompson, Arcadia, Julian Lennon, Loose Ends and Sister Sledge are on the

soundtrack. The film, written and directed by Bob and Harvey Weinstein, opened in the cinemas in January and visited the top of the charts before this release on video.

## PAUL

"In the first few minutes I thought this was going to be a really naff video. But parts are quite jolly, and though the plot and acting are all miles below par, and all the jokes have been played ten million times before, they still made me laugh, which in the middle of my exams is no mean feat! I doubt *Playing For Keeps* will make it to the top of the charts – the old, old story could only appeal to a demented five-year-old – but it deserves to."

70%

## WHOOOPS APOCALYPSE

With Loretta Swit, Peter Cook and Rik Mayall  
Label: Virgin  
Certificate: 15  
Running time: 1 hour 28 minutes

For years Britain has ignored the tiny Caribbean colony of Santa Maya – then the neighbouring dictatorship Maguadora decides to march in and take over. From such small beginnings starts a process which will lead to the end of the world!

*Whoops Apocalypse* is the movie version of the popular TV series. It savagely satirises the craziness of a world where one slip can lead to nuclear holocaust. It's noisy, fast-moving and extremely



► Farce by the megaton: *Whoops Apocalypse*

royal (Princess Wendy) and two scummy tabloid journalists who are soon consigned to the nearest desert island.

## DOM

"Whoops Apocalypse is a strange film, ranging from some tremendously funny and clever scenes to a few boring and pointless sketches, like the hotel scene with Alexei Sayle. The most enjoyable few minutes are spent with Rik Mayall and his wacky SAS squad. And it's certainly worth seeing once, just for the unbelievable but possible series of events."

75%

retaliatory action.

Now the Maguadoran dictator invokes Russian aid, and the situation escalates to such a degree that even the discovery of

## HUNTERS

"How many ways can the world end? Having explored the Middle Eastern path on TV, *Whoops Apocalypse* turns to Central America for the big screen, and it shouldn't take much to link the fiction to recent history. Amazingly, given such a chilling topic, this film is usually very funny as it wrings every drop of humour from the politicians' farcical stupidity. A few gags don't come off, but for the most part the talented cast play it dead straight – the exceptions being Rik Mayall and his manic squad of Young Ones troops. Fans of the TV original will find enough new here to keep them glued to the screen, and *Whoops Apocalypse* is a clever, comic, terrifying reminder of how a seemingly impossible chain of events could give death the last laugh."

73%



► Rik Mayall leads the SAS to oblivion in *Whoops Apocalypse*

rude in parts as it tells the story of mammoth incompetence and intrigue.

American President Barbara Adams (Loretta Swit) tries to act as mediator in British/Maguadoran peace talks, but these are sabotaged by an ace international terrorist, Lacrobat. Armed with a disguises, an Alsatian trained to bite British diplomats' behinds and some paint, Lacrobat guarantees that the American arms suppliers who hired him will make healthy profits.

So the British fleet sails, complete with a fairy-tale favourite

There they miss out on the fighting, which returns Britain its former territory, but discover a Soviet missile base disguised as a tourist hotel!

Peace is restored and there's nothing more to worry about... or is there? The Prime Minister (Peter Cook) starts to blame unemployment on pixies and instigates a programme where 10,000 people with jobs jump off a cliff every week to create vacancies.

Meanwhile the Maguadorans hire Lacrobat to kidnap Princess Wendy during a show for the

troops, and threaten to kill her if Santa Maya is not returned to them. On the grounds that it's immoral to spend all that money on nuclear weapons and then not use them, the PM promises

Wendy by a bungling squad of gun-happy SAS men, led by Rik Mayall, can't guarantee peace. Things are running out of control as the world prepares for the big bang.

## PAUL

"Peter Cook and, in a smaller role, Rik Mayall make a terrifying story hilarious in this gag-filled film. The Falklands parallel may make people believe *Whoops Apocalypse* is a political lecture, but the story of Santa Maya and Maguadora is really just an excuse for some terrific black humour."

79%



## CHARLEY HANNAH'S WAR

With **Robert Conrad** and **Shane Conrad**

Label: **Guild Home Video**

Certificate: **15**

Running time: **1 hour 31 mins**

**H**ardened Florida cop Charles Hannah (Robert Conrad) accidentally kills an innocent teenager during a stakeout. Filled with remorse, he transfers to the Juvenile Division, and with his young sidekick Simms (Christian Falk) and Buck, a retired officer turned private dick (Red West), searches for the dead boy's friend.

He finds 13-year-old Frankie living by petty theft (Frankie is played by Shane Conrad – there are a lot of Conrads in this made-for-TV picture, so watch the credits!).

It turns out Frankie has become

### DOM

"If something like this happened in Britain there would be uproar, but it's America, and they don't even suspend Charley Hannah. As in all American cop films, Captain Hannah is a law unto himself. The setting and action is very Miami Vice-like, with lots of palm trees, speedboats and slinky swimsuits. The actors are all competent, and there's even a small appearance by Stephen J Cannell (the man who throws the typing paper away at the end of the A-Team credits). It's all good action-packed American fun, sadly let down by a very weak and predictable ending."

58%

### BARNEY

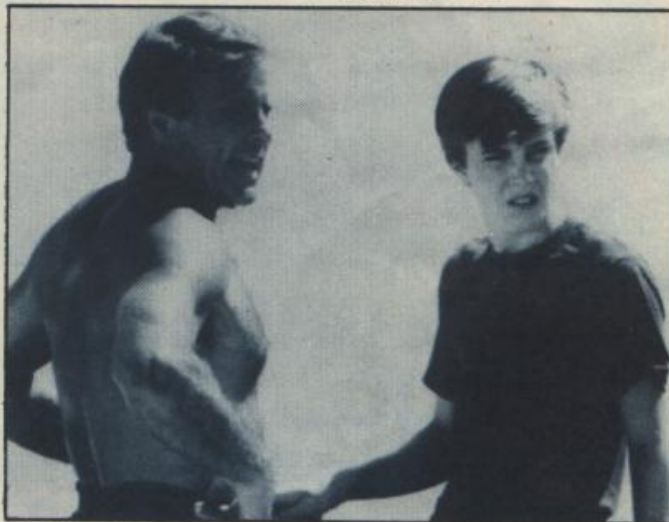
"Charley Hannah's War opens with a wonderful quarter-hour of atmosphere, setting the scene for a strong story – the script quickly summarising Hannah's character in a brief encounter with a couple of pushers, Jan Hammer's music uniting tragedy and suspense in a hint of the terrible moment to come. But after the plot gets going Charley Hannah becomes just another human movie cop with a mission (note the tacky title), the baddies are just another inexplicably omniscient gang of sneering non-WASPs, the film is exposed as another cheap 'tec job exploiting an emotional situation."

52%

embroiled in events beyond himself by nicking an airline bag stuffed with money. This drugs payoff was en route to the local big boss, and suddenly streetwise Frankie is being chased by the two thug couriers and the mobster

who wants his cash.

Much of the film is about how tough guy Charley Hannah sets out to earn the respect, and finally affection, of Frankie while keeping him alive and bringing the bad guys to justice.



► Sun, sand and shooting: Robert Conrad (left) plays a Florida cop and Shane Conrad (right) a teenage criminal in *Charley Hannah's War*

### ROGER

"It's a soppy story, really quite well told, and with some reasonable but low-key action on the streets and waterways of Fort Lauderdale. What spoils *Charley Hannah's War* throughout is the feeling that it's a TV-series pilot, cramping its style and excitement and making it all rather flat. The characters are stereotyped, Hannah standing for uncompromising, decent justice (hard but with heart of gold), Frankie for enterprising, likable but misguided youth (with still a chance of salvation). Not bad TV, perhaps, but hardly a great film."

46%

## LUCAS

With **Charlie Sheen** and **Corey Haim**

Label: **15**

Certificate: **15**

Running time: **1 hour 47 mins**

**L**ucas (Corey Haim – *Silver Bullet*) is the kind of kid everyone encounters at school, the kind of 14-year-old who makes you cringe at the

### BARNEY

"Lucas has a hilarious American-football episode, and Corey Haim is often quite funny as the eponymous 14-and-a-half-year-old – but he's so **RELENTLESSLY** sweet. Comparisons are dreadfully invidious, and here goes: I could care about the brat in *Charley Hannah's War*, sentimental as it is, because I've met him. But no kid is like Lucas; no hair is so perfectly ruffled, eyes so wondering, wisecracking so cute. And the first scenes of Lucas, where the young adolescent spies on girls, are giggly fourth-form smut."

33%

sound of his name. He's brainy, wears glasses, is interested in classical music more than football and is only half the size of most people. He's a bit different from

the usual teenager.

While catching butterflies in the summer holidays Lucas meets up with a ravishing 16-year-old,

Maggie (Kerri Green – *Summer Rental*), who's just moved into the area. Attracted to Lucas's strange philosophical and physical qualities Maggie befriends him, looking for guidance through her first year at his school.

But to Lucas their relationship is much more than 'just good friends'. When Maggie starts to get immersed in the usual school activities Lucas feels inadequate. And when Maggie starts going out with the school football captain, played by Charlie Sheen (*Platoon*, *Red Dawn*), Lucas will do anything to get Maggie's love and attention. He even joins the football team...

### DOM

"Lucas is riddled with stereotypes: the clever wimp (Lucas), the all-American boy (the football captain), the girl divided between the two of them (Maggie), and the bullies who hate Lucas (most of the rest of the cast). Young Lucas starts off as quite a likable wimp, but by the middle of the film he's really irritating with his smart remarks and his sorry little face. The most captivating part of Lucas is the last third, especially the very funny football scenes. It ends with a clever twist, and it's kept running by a strong soundtrack. If you cried during *E.T.*, give Lucas a look."

57%

### ROGER

"Corey Haim's Lucas is worthy of an actor of more mature years – his quirky performance illuminates this film from beginning to end, outshining even Charlie Sheen's understated high-school jock. At first I thought I was in for another mid-American teen beat movie, but it isn't, and despite the odd shortcoming in believable situations Lucas adds up to far more than the sum of its parts; deeply romantic, funny, final sad-happy tears. It could have been awfully corny, but the actors and spot-on direction turn it into a minor masterpiece underpinned by the angst of puppy love."

78%



# The CRASH CHARTS

## TOP GAMES AUGUST

The three charts compiled from the votes of CRASH readers is the most realistic chart for gauging the popularity of Spectrum games – it is the games that are being played that get the votes, not the games that are in the shops this week or month.

And the votes are important. It's up to you to let us know what you feel, so fill in the voting forms which live on the results pages and in FRONTLINE to make your voice heard.

If you don't want to carve up your issue of CRASH, we understand. Use a photocopy if you like, or copy the details from the voting forms onto a postcard, or the back of a sealed envelope, and send that to us instead.

Apart from the satisfaction of registering your vote, there's always the chance of winning a prize. Each month we draw 15 winners from all the voting forms received – five for the HOTLINE, five for the ADVENTURE and five for the STRATEGY chart.

A top prize of £40 worth of software (your choice, not ours) and a CRASH T-shirt is awarded to the first slip drawn from the HOTLINE votes, and another £40 of goodies and a shirt goes to the ADVENTURE and £20 of goodies and a shirt goes to the STRATEGY.

Four runners up from each ballot box collect a CRASH T-shirt and a CRASH Hat. So get those votes in to the **CRASH HOTLINE CHART**, **CRASH ADVENTURE CHART** and **CRASH STRATEGY CHART**: PO Box 10, Ludlow, Shropshire SY8 1DB.

Praise CCS and pass the ammunition! There'll only be ten in this chart, because there are comparatively few strategy games around. But the usual prizes are available for a winner and five runners-up. So keep the votes flowing (there's a form in FRONTLINE) – what if they gave a strategy chart and nobody came?

The first of the few is T R Beadon of Letchworth, Hertfordshire, who wins this month's £40 worth of software. Runners-up are Gary Watson of York; David Eltringham of Stockton, Cleveland; Spencer James of Swanley, Kent; Martin Neufeld of Chideock, Dorset; and Sally Botting of Aberdeen.

The HOTLINE is a Top 20 now, to make room for the invasion of the strategists. Here GAUNTLET seems secure at the top, but HEAD OVER HEELS has wangled its way up four slots, displacing the briefly glorious PAPER BOY. (Doughnuts to him.) In CRASH, everyone is famous for 15 minutes.

£40 worth of software is crawling its way to Tim Watkin of Northwich, Cheshire. The well-clad runners-up are Robert Collier of Leominster, Herefordshire (on a clear day he can see CRASH Towers); Louis Rucz of Budapest, Hungary (not to be confused with Budapest, Shropshire); Bruce Warman of Middle Earth, sorry Middlesbrough in Cleveland; and hot buttered Adam Vaughan from Whittlebury, near Towcester in Northamptonshire.

## Strategy Top 10

1	VULCAN	CCS
2	REBEL STAR	FIREBIRD
3	ARNHEM	CCS
4	THEATRE EUROPE	PSS
5	DOOMDARK'S REVENGE	BEYOND
6	THEIR FINEST HOUR	CENTURY
7	TOBRUK	PSS
8	GALLIPOLI	CCS
9	BATTLE OF BRITAIN	PSS
10	NAPOLEON AT WAR	CCS



## Hotline Top 20

1 (1)	GAUNTLET	US GOLD
2 (6)	HEAD OVER HEELS	OCEAN
3 (-)	COBRA	OCEAN
4 (7)	ELITE	FIREBIRD
5 (2)	PAPER BOY	ELITE
6 (11)	MATCHDAY	OCEAN
7 (4)	URIDIUM	HEWSON
8 (9)	STARGLIDER	RAINBIRD
9 (5)	FEUD	MASTERTRONIC
10 (10)	ENDURO RACER	ACTIVISION
11 (-)	THE SENTINEL	FIREBIRD
12 (8)	BOMB JACK	ELITE
13 (29)	ARKANOID	IMAGINE
14 (20)	GHOSTS 'N' GOBLINS	ELITE
15 (23)	TOP GUN	OCEAN
16 (12)	THE GREAT ESCAPE	OCEAN
17 (-)	BARBARIAN	PALACE
18 (16)	BATMAN	OCEAN
19 (26)	ALIENS	ELECTRIC DREAMS
20 (27)	TRAPDOOR	PIRANHA

The ADVENTURE chart is down to 20 too. Still, in this life it's quality not quantity that counts... No surprises at the summit (are there ever?), but obviously Level 9 has met the Charts Minion's price - so THE PRICE OF MAGIK soars. Magic. Is THE BOGGIT getting bogged down? See next month's exciting episode.

£40 worth of software is - no, NOT winging its way to, being posted in a dull businesslike envelope to - James Lewis of Redditch, Worcestershire. The runners-up are Jason Griffin of Kidderminster, also in Worcestershire; Anthony O'Brien of Netherton on Merseyside; Andrew Parkin of Sprotbrough, Doncaster; and Claudio Rivera Redrado from the well-known Melbourne House outpost Torremolinos, in Spain.

## Adventure Top 20

1 (1)	HEAVY ON THE MAGICK	GARGOYLE GAMES
2 (3)	SPELLBOUND	MAD
3 (5)	KNIGHT TYME	MAD
4 (4)	THE HOBBIT	MELBOURNE HOUSE
5 (16)	THE PRICE OF MAGIK	LEVEL 9
6 (2)	THE BOGGIT	CRL
7 (9)	DOOMDARK'S REVENGE	BEYOND
8 (12)	RED MOON	LEVEL 9
9 (8)	LORDS OF MIDNIGHT	BEYOND
10 (6)	LORD OF THE RINGS	MELBOURNE HOUSE
11 (21)	FOURTH PROTOCOL	CENTURY HUTCHINSON
12 (11)	GREMLINS	ADVENTURE INTERNATIONAL
13 (20)	MARSPORT	GARGOYLE GAMES
14 (7)	FAIRLIGHT 2	THE EDGE
15 (25)	NEVER ENDING STORY	OCEAN
16 (26)	DUN DARACH	GARGOYLE GAMES
17 (14)	SHADOWFIRE	BEYOND
18 (-)	BORED OF THE RINGS	CRL
19 (23)	DRACULA	CRL
20 (30)	SPIDERMAN	ADVENTURE INTERNATIONAL



# WANNA BUY A GAME?

## WHO D'YA CALL?

## AGGIE

AGGIE HOTLINE: 0584 5620

### SUBSCRIBER DISCOUNTS

Subscribers can save an additional 50p on each game that costs £5.00 or more. If you're a subscriber, make sure you write in your Subscriber Number when claiming extra discount.

NB: Some of the software reviewed may not be available until its release date. If you are in any doubt about availability, please ring first. We can't be held responsible for delays resulting from late releases or indeed releases that don't take place! Don't forget, we often preview games long before they are ready for release...

All prices are as quoted under review headings or known retail prices and include VAT. CRASH Mail Order doesn't charge customers living in the UK for Post and Packing. Customers in Continental Europe should add the equivalent of 70p per item ordered. If you live outside Europe, please write to Aggie before ordering - she can tell you all about postage rates and Air Mail delivery.

### HOW TO PAY

Please make cheques/Postal Orders payable to NEWSFIELD LTD. If you want to pay by Access or Visa, fill in the form below and make sure the cardholder's address is included. Don't send cash through the post - it clogs up the posties' sorting machines and results in delay and all sorts of expensive problems!

**ADDITIONAL  
DISCOUNTS FOR  
SUBSCRIBERS!**

## SOFTWARE BY MAIL

When it comes to buying games, you can spend a lot of hard-earned money trudging to your local computer store - only to find that they haven't got the game you want in stock. Our Mail Order Queen, Aggie, will do everything in her power to get any game you might want.

Apart from saving money on bus fares, the Aggie way of buying software means your game arrives through the letterbox, wrapped in a tastefully stapled jiffybag. We don't charge for postage, and we even allow you to save money - check out our Discount Schemes!

ANY of the software reviewed in this issue of CRASH - or in any back issue - can be ordered via Aggie's Mail Order service. All you have to do to buy a game is use the price given in the review, or the known retail price, fill in the form, calculate the discount Aggie's going to allow you and send a cheque/postal order or credit card order off to her.

If you have a query on the price or availability of a game, give Aggie a ring before you place your order - it's worth checking by phone first if you're ordering unusual items...

Please send me the following items:

Title (BLOCK CAPITALS please)	Software House	Disk/cass	Amount

### REGULAR DISCOUNTS

£1 off any single order worth more than £20  
50p off any single order worth more than £10  
(only one discount per order)

sub-total £

less discount £

Total enclosed £

DELIVERY ADDRESS

Name

Address

Post Code

SUBSCRIBER NUMBER - IF CLAIMING SUBSCRIBER DISCOUNT, .

I wish to pay by Visa/Access (Delete as applicable)



Please Debit my Visa/Access Account

£

Name (please print)

Expiry Date

Cardholder's Address:

Please charge my Account Number:

Signature

**CRASH MAIL ORDER, PO BOX 20, LUDLOW, SHROPSHIRE SY8 1DB**

Please do not enclose this form and your payment with a competition entry or any other letter to CRASH. If you do, interminable (ie very long and painful) delay could be result. Your order might even be lost completely, which would be sad. So deal with Aggie direct, okay?



**Update:**

Saving young Pas and his sister from the clutches of an ancient robot leads Cross – part man, part computer, part virus – into the midst of their tribe's ceremonies of the Searing and the Giving...

# THE TERMINAL MAN

CROSS SPECULATED –

THE SEARING—IT'S  
AN EVENT LINKED TO  
THE GIANT TOWER  
BEHIND US...

THE HOLY ONE  
BELIEVED –

BEHOLD, MY  
PEOPLE!  
IT IS UPON US—  
THE LIGHT GIVERS!

—AND TWO YOUNGSTERS  
WERE CONFUSED—

THE  
LIGHTNING—THE  
WIND—SOMETHING  
IS HAPPENING...

OH, PAS—  
IT'S TRUE!

—AND THEN—  
AN EARSPLITTING  
BOOM!

—A SURGING MOAN  
OF AWE FROM  
THE TRIBE—

—AND  
TWO  
SLAVES...

JOINED THEIR  
BLOOD WITH  
THE WATERS  
OF THE  
VILLAGE WELL  
OF  
CONTINUITY!





BY OLIVER FREY

Next Month: The Lightgivers



# GAME OVER



**DINAMIC**

© 1987 Game Design Dinamic



When you decide to embark on this adventure you will face KAIKAS (mutating Kangaroos), ORCOS (fierce monsters of the planet DEDRON), LEISER-FREISERS (autonomous search androids, equipped with telescopic cameras and turbo-laser cannon), GARKLAS CLONICOS (specialists in following trails through the swamp jungle) ... a world full of dangers.

A challenge for the brave ...  
A challenge only for heroes. **GAME OVER**

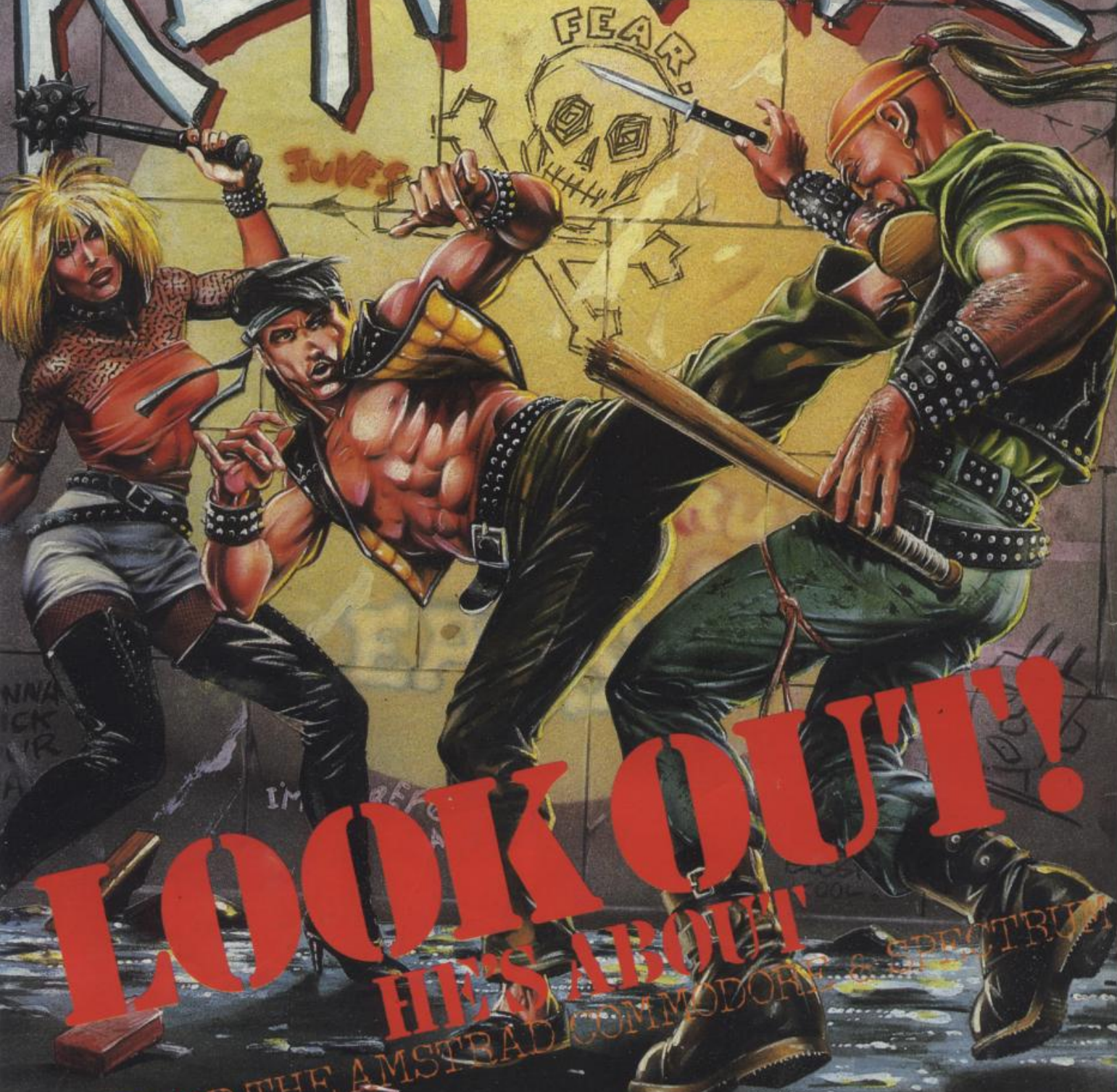
**the name of the game**

SPECTRUM 7-95 COMMODORE, AMSTRAD, MSX 8-95



TAITO  
COIN-OP

# RENegade



**LOOK OUT!**  
HE'S ABOUT

SOON FOR THE AMSTRAD, COMMODORE & SPECTRUM

**Imagine**  
...the name  
of the game

Licensed from © Taito Corp., 1986  
Programmed for Amstrad, Spectrum, Commodore by Imagine Software

Imagine Software Limited · 6 Central Street · Manchester M2 5NS · Tel: 061 834 3939 · Telex: 669977