

SPFCTRUM CAMISS START HIRB. .

If you can road this
your tape has been nicked
 AL. WHE HOTTEST PREVIEWS AND REVIEWS
 T SRTHASTAR * ARKANOID II * YETI * XARAX WW CPIN-OPS FEATURE $\rightarrow$ BARD'S TALE POSTER "AD MUTELY HOPELESS FILM TIE-INS YOU'LL HATE!


"Now I lay me down to sleep, I pray the Lord my Soul to keep. If I should die Gefore I wake, I pray the Lord my Soul to take ..."


Frightmare - A computer game for the Commodore 64, Spectrum, Amstrad and soon on the IBM PC. Cassette $£ 9.95$. Disk $£ 14.95$ (IBM $£ 19.95$ ). Cascade Games Ltd,, 1-3 Haywra Crescent, Harrogate, N. Yorks. Tef: 0423 525325. Fax: 0423530054.


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## COMPRITTIONS

Win an aeroplane!
44
Yep, courtesy of Digital Integration we have a totally brilliant radio controlled aircraft to give away!
Win a piece of
86 cardboard!
Totally bizarrel Win a giant cardboard cut-out man from Platoon!
Win a Fabulous
94 TYCO Racing Set! To celebrate Nigel Mansell almost but not quite winning the World Championship, we have an absurdly brilliant Racing Set for you to win

## SOFTWARE

## ARCADE




Available from your favourite computer games stockist or send CHEQUE/POSTAL ORDER FOR $£ 9.99$ (CASSETTE) $£ 12.99$ (DISK) PLUS 80 P P\&P. Access and Barclaycard holders telephone 01-278 0751. Outlaw Productions, The Old Forge, 7 Caledonian Road, London N1 9DX.


Personally we reckon this month's tape is even better than last month's. MORE POKES, MULTI-LEVEL GAME ENTIRE FIRST LEVEL OF BARD'S TALE. Here are the vital details to get the most from it.

## GO BEAR GO

This month's game. It involves an unbelievably bizarre plot which has Kamikaze Bear in charge of a warehouse. In this warehouse are three packing cases containing copies of the latest ISU. It seems these packing cases have got a bit mixed up and Kamikaze has to get them all together and put them all in a nice neat row either up or down.

The problem is, also lurking in the warehouse are a bunch of nohoper blobby things known affectionately as THE DOPES. The DOPES, being DOPES have to be dispatched. Kamikaze can do this in a number of brutal ways:
1 By pushing a packing case at them;
2 By running up to the perimeter fence when they are near it and electrocuting them (and then running over them when they are sturned);
3 By nutting the 'breeder crates' where new DOPES are hiding. These flash whenever you kill a DOPE - you have to remember where they are.


Kamilcaze can remove crates that are in the way by crumbling them away. DOPES also crumble crates - usually just as you're about to push them at them. There is a time limit to getting the SUU crates in a line and totalling all the DOPES, and as you go up the levels it gets more and more difficult, since the packing cases are more and more widely dispersed. There are some nasty additional surprises on later levels too.

## SCREEN EDITOR

As a special bonus we've included a screen editor which will let you design four own screens. Select this from the opening menu and you'll get the screen with a flashing cursor. To change the block under the cursor use the following keys:
$0, \mathrm{~B}$ or SPACE Change to blank 1 or C Change to crate
2 or D Change to SU crate*
3 or $\mathrm{E} \quad$ Change to egg crate

- You can only put in 3 SU crates



## GO BEAR GO

Controls
Kempston or Keyboard using

| O | Left |
| :--- | :--- |
| p | Right |
| Q | Up |
| A | Down |
| SPACE | Push/Crumble |
| BREAK | Block |
| Return to Basic |  |

- Anyone pointing out that this game is a bit like Pengo will not be telling us anything we didn't already know


## PROGRAMMERS

o Bear Go is brought to you by ODE, the programming team responsible for,
among other things, Trivial Pursuit and other equally nifty stuff.

- Richard Horrocks did the programming and some graphics Jason Kingsley did some other graphics
Richard Yapp did the fab loading screen which was digitised using an Amiga John Wood did major playtesting and
Steven Green was encouraging (?).


## POKES ON TAPE

ou told us you loved them. We felt so chuffed we decided to give you even

more than last time. At last an idiot-proof way of getting those infinite livest Just load up the Pokes Section at the end of the first side, select the game you want infinite lives on, and load up your copyl
This month:
PLATOON, PREDATOR, IK+ INSIDE OUTING, KIKSTAART II, ROADWARS, RED OCTOBER, DEVIANTS
IMPORTANT POINT - If you have a 128 K machine or a +3 be sure to load the Pokes tape in 48 K mode, ie, Select 48K Basic then type LOAD "

## PLAYABLE DEMO BARD'S TALE

When we say playable, we mean it. We present the entire first level of the game! Potentially several hours worth of play! It's a role playing fantasy adventure with fighting and trading and stuff and lotsa graphics! We're not going to say too much about where to look and what to do with what you might find, but here are the instructions you'll need: First of all create your character - just follow the prompts.


Moving About:
J = Face left
$\mathrm{K}=$ Move forward
$\mathrm{L}=$ Face right
Viewing Characters:
$1-6=$ Choose character
$\mathrm{T}=$ Trade items or gold
$\mathrm{D}=$ Drop items
$\mathrm{E}=$ Equip items or unequip the lot
$\mathrm{P}=$ Pool gold
Combat Commands:
$\mathrm{F}=\mathrm{Fight}$
$\mathrm{R}=\mathrm{Run}$
$\mathrm{P}=$ Party attack (attack each other)
$\AA=$ Attack monsters
$\mathrm{D}=$ Defend against attack
$\mathrm{U}=$ Use item
C $=$ Cast spell
$\mathrm{H}=$ Hide in shadows
General:
C = Cast a spell, followed by who is casting and what spell
$\mathrm{P}=$ Party attack
$\mathrm{B}=\mathrm{Bard}$ 's song
$\mathrm{M}=$ Change marching order Spells:
Conjurers: MAFL ARFI SOSH
TRZP
Magicians: VOPL AIAR STLI SCSI



You can give games a flashy title, you can give them wild and exciting plots, you can even cover them with expensive packaging or jam, but you can't hide the fact that a shoot-em-up is a shoot-'em-up, no matter what it's dressed up as. So why bother dressing it up at all?
I mean, there is nothing more annoying than going down to my local software dealer to buy the latest game, Slaughter of the Weeble Wobbles at some exorbitant price, only to get it home and find that all the claims of it being the most wonderful great, terrific game etc. are not true and it's simply a poor Defender clone after all.
I have to say now, I love Mega Apocalypse to bits because it tells you exactly what it is. It doesn't promise you the chance to rule the galaxy. It doesn't tell you about the millions of different sprites and screens in the game. It tells you that it's a shoot-'em-up and a good one at that.
Mega Apocalypse is similar in many ways to Martech's earlier offering, Crazy Comets, in that it has the same game objective. You still have to fly around space shooting anything that comes near and generally clocking up some very high scores. The game is set over a multitude of levels and as you can tell from the screenshots on this page, all are completely different (oooh, little bit of sarcasm there). OK, so originality of gameplay is not


is fab. They start as little blobs and then grow into huge planets which bounce around the screen, usually after some



ARCADE REVIEW

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contact with you. By the way, contact with most objects in the game causes death, so be careful.

One major complaint about Comets was that it was too hard in the way that you could only fire upward. However, Martech has listened very closely to the grapevine and come up with a rotate facility, which allows you to manoeuvre your ship in any of the 8 directions available, which is bloody handy. Nice one Martech.

Upon loading, you are greeted with a small piece of speech which tells you to, "Get

Ready," in a very indistinct American accent. At least I trink this is what it says; it took me a long time to realise that it was speech and not a digitised sound effect of a heavy smoker blowing his nose (not very pretty).

But the music, the music! This is something else. David Whittaker has created a zappy new tune with a hint of Crazy Comets behind it. It's wicked.

Generally then, a wonderful game. I think everyone will like this one, basically because it's an addictive blast and one for which you don't need much brain power


# FROM THE EDGE DF FROM THE EDGE OF 





# SPACE TIME... 

Lost and forgotten. A civilization beyond our understanding and machines beyond belief.

Ring Worlds - their purpose was simple. To locate uninhabited worlds and bleed them dry. But then something went wrong. A programming fault? Possible . . . but irrelevant because hundreds of Ring Worlds are convergwar our Solar system devouring verything in their path.

With an entire solar-system to explore, RING WARS features superb 3 D action depicted in the most detailed vectors you've seen.

Your squadron is scrambled and you call up NavCom to plot your attack. Your system planet chart is directed to your main display while the outside view is windowed simultaneously on-screen. Multiple targets demand cool calculation as you decide which presents the greatest threat.

Armed with an array of sophisticated intelligence gathering devices you can probe your enemy and engage. Your ultimate aim - to penetrate the RING WORLD diving deeper and deeper into its heart to deliver, the killing blow. Can you escape before it kills you.

## AND YOU'VE GOT TD FIGHT THEM

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## $\xrightarrow{2}$


#### Abstract

Fon Riglar. (Adopts deeply important and not very mirthful voice). Surely the oddest man to ever appear in the divine shade of Autumnal elegance that is the wondrous world of computer journallism. Was it not our own hard rocking spanker Jon who was recently described by a national fashion magazine by saying integrity is etched into his solid granite forehead and his dark cavernous dimple is a metaphor for his immense but somehow intangible charisma'? W/as it not our very own Graham Taylor who described the smoulderin' dude by stating 'he may have a face like a tram crash, but he's a wow with the kids . . . and the kids know where it's at'? It was indeed, and now that all the mystic runes are aligned to put right the wrongs of ages past, Jon Riglar will fick through his filofax and spread the word concerning forthcoming delights in this month's Zapchat. (flick, flick, leaf, leaf) 'It's far too peculiar to get anywhere." The legend has spoken! (muffied blowy noises)


you don't run up an appetite, otherwise Gar will grab hold of the spade and noonch it which means it's pointless carrying on. Instead, just before you enter the TV room, grab hold of the balls (fnirk, fnirk). These are useless items. Then trot to grab the spade, but before you do, eat the balls to drop the appetite meter back to zero.

'Ahoorgle' as Garfield would no doubt exclaim if he had the opportunity. Garfleld the game is perhaps the best cartoonishy game to appear in the whole wide world (which is actually pretty wide, if you don't believe me try walking it matel) and Andrew Males was the very very very first person to complete the game. On 6th January 1988 if you must know. And you too can rescue Arlene if you cast your peepers over the easy-to-follow-with-lots-of-bendy-bits:

## FAT TIP 1

Run through the house until you reach the room with the television set. Here you should carry on walking to the right until Garfield arrives at a black door. This is the garden shed and inside is a spade which needs to be collected. Make sure

> STANDBY TO ACCESS: GARFIELD The Edge SECTION WRITERS: Jon Riglar and Andrew Males

## FAT TIP 3

Continue on the leftward tact until you arrive at the hardware store. Enter the shop and once you get inside, press down and fire keys simultaneously and a wad of money should float down from the ceiling. Take this and go left once again onto the health store.

## FAT TIP 4

And in we go. Into the health store that is. Once inside, drop the money and a cake should appear. Take this and walk onwards to the park - you'll locate the park by looking for the man that appears to be sat in a hedge. Hmm. If you find this screen, then walk back out and drop the cake.

## FAT TIP 5

Run back to the house and take the lamp that is sitting on top of the telly - you'll need to firstly jump onto the nearby chair and then leap over and onto the telly. Watch your hunger meter - If you let it reach its limit then you'll end up eating the lamp.

## FAT TIP 6

Take the lamp to the cellar. IFrom the telly, left and then a sharp turn to the right - keep going right until Garfield automatically falls into the cellar). Then it's up to you to find Nermal. If you haven't got the lamp at this point, then you're a bit stuck really 'cos you won't be able to see a thing. Locating Nermal is easy, just keep

# JON RIGIAR THE MLAN AND FIS MUSIC 

walking to the right. Then Kick him until he drops a clockwork mouse. Everytime Nermal is booted, he runs out of the screen at high speed, so you'll need to time the kicks to perfection. |I was gong to tell a joke, but I won't bother now.) Also, when Nermal finally drops the mouse, it too will scurry about and be a bit of a pain. Make sure Garfield grabs it before Odie picks it up. And make sure you don't eat it!

## FAT TIP 7

Drop the lamp BEFORE picking up the mouse and then go back to the Health Store. Once Inside drop the mouse and something humungous should fall down. It looks a bit like a doughnut but then, who really cares?? Yes, who does? You do eh? Go away.

## FAT TIP 8

Now you have the absolutely swingorilliant mystery object, walk right back to the cellar and stop off at the first screen. Here a rat will start to dash about a bit and look, well, a bit ratty actually. Drop the object $x$ near the rat, and it will thus disappear and the rat will sit in the corner looking rather podgy. Now move over to the chest and kick it a couple of times. Two objects should now appear on the floor - a bone

## and a key. <br> Pick up the bone first

 and eat it. And then grab the key and climb back up and into the house.
## FAT TIP 9

Run back to the park and drop the key inside. Now dash back outside and pick up the cake you left there earlier. (You did didn't you? Gawd, I don't know, I did tell you. I did. I did. I'm sorry, but that's the way I am.| Take the cake inside the park and drop. A bird should no appear from the right hand side and start flapping over to the left. Grab the key and then jump up and onto the bird. Thusi You will be 'transported' to a completely new screen with a black door in the background. Enter the building and walk to the right and you will find Arlene and will have completed the game!

## FATISH TIP 10

Well, sorry about this, but there isn't actualy a number ten. Ten would have been such a nice number to finish off on, but when the world is devoid of truth who can tell which way the fish jumped?

## READER'S BIG FIVE CHART <br> SECTION WRITER: Jon 'Jon' Riglar

 ow splendid it would be, would it not (be splendid that is) to write into this wondrous organ and have your chart printed Friends, this dream is realityl-is-Bertrum-W/indybottomSend all offerings to Who-The-Heck-your top flve along with the most Anyway?-(Jon Riglar) and inciude you wouldn't swop for a green terribly awfully $\mathrm{cr}^{*} \rho$ game that you wher said. Paul Jenkins has ooflaaflaa no matter what your moty pleasant chart. And here it is contributed this month's witteringly pieasfellow:

## ELECTRIC DREAMS

## A.C.E.

HEW/SON
OCEAN

3 EXOLON

## 4 COMBAT SCHOOL

5 WORLD CLASS

## US GOLD

 The worst game this century is Centurions by' bother trying. Wowl describe how bad Paul thinks it is, so he care what you say Madam, I've Won't a laid-back fella (man)I dont care wonthl (man) already had my R.F. probe serviced this month (man)
The enemy attack in various ways - you'll come across the usuat 'T'm gonna run stralght at you' men who can be dealt with by a short blast with the gun. Try to keep still when attacking the enemy - If you run at them and shoot simultaneously, you'll end up getting knocked over. Ha . The other type that may be encountered drop from the nearest tree - and usually land on your head or just behind you. Keep running and once they appear, turn swiftly and blast. Kneel down to avold enemy fire. To avoid being shot by the critters that pop up from the ground, keep jumping about.

There is no pause modell No pause modell Although this is undoubtedly very odd Indeed, It's also a pain th the neck when you try to turn over your Phillip Glass cassette and spot the troops at the same time. Sol The only way to avold beling shot in this case is to press the select button. However, If you like a bit of a challenge then walk to a

: TREES BLOCKING PATH.

Junction and keep moving the man up and down.

## PLATOON SECTION 2 -

## THE VILLAGE

When you arrive at the end of section one and start to cross the bridge, you'tl nottce that control of your man goes Into the hands of the computer. This Is OK, but enemy troops still tend to appear and blow you away unless you keep firing. Once past the bridge, there's no turning back and you'll find yourself on the way to the village. The village itself consists
of one long road, with several huts. In most of the huts, there are just sacks of rubbish but in about the third you'll find the map. Then you should come across the trapdoor and you will be asked whether you wish to enter It - don't. You also need to find the torch before going on to the next level.

The torch can be found in the fast hut in the village. When you enter this hut you will be attacked automatically by a block sat in the corner. Also take care to avoid searching too many sacks - a lot contain nothing but rubbish, however, In one or two you'll find a booby-trap and will lose a IIfe.

Also avoid attacking innocent villagers - these can be found trotting around the village wearing woks on their heads. If you find yourself shooting anything that enters the screen, then your morale will zoom down and the game will end. Instead avold shooting anything at all. If an enemy enters the screen fump over him Instead of blasting away.

Once you have gained the torch and the map run back to the hut containing the trapdoor. Before you press the $Y$ key and enter the tunnel press the selection key and make sure you have your fittest man on the job. Then ge on Inte the network.


# MAY THE FORCEGO WII You: <br> You'll need it!! The reflexes and powers of a mere mortal will not be enough if 

 you accept the challenge of these four chart topping arcade conversions, together for the first time in one package.GAUNTLET ${ }^{\text {I'M }}$ Ine detper dungrons maps Enter a world of monsters and mazes, follow the paths of mystery and combat, searching for food to increase your health. Monsters and

ATARI
GAMES

legions of enemies will bar your way. However, they're not your only opponents in this quest for food, treasure and magic potions - the other players are also on the trail of the same good bounty.

## ATARI



ROAD RUNNER ${ }^{\text {IM }}$ Cartoon's most elusive character has finally been trapped in this comic all. action extravaganza that recreates those nailbiting chases and the fast moving excitement. Overcome ali the dirty tricks Wile E Coyote can throw at you with ease, agility and grace and a haughty 'Beep Beep', otherwise it's sorry, goodnight and 'Burp Burp'!


ATARI


INDIANA JONES \& THE TEMPLE OF DOOM ${ }^{\text {IM }}$ Pick up your trilby and trusty bullwhip and don the mantle of the legendary Indiana Jones! Prepare yourself for your most dangerous adventure yet. You will call on all your reserves of courage, strength and skill to storm the evil Temple of Doom and rescue the imprisoned children and the magical stones of Sankara.

potholes, a barrage of obstacles that hinder your progress and no go areas that bring you to a standstill make this race against time increasingly impossible.


LEVEL 2
16 Yabite in the Realm of the Robots. Keep moving until you approach a gap and make a running Jump to hop across to the next block. You'll need to jump once again before Blob, or whatever he's called, reaches the first lift.
Clamber on board, shoot up and then get ready for a leap to the left. A roving eye will be oscillating (there's a big word) up and down and so on and it's necessary to jump over it. And It's easy. The main thing to remember here is that the game does not accept Jumps if you press the key right at the edge of the block - you'll have to press it a bit before hand and it'll look like a massive balls up at first as your man rapidly loses height. Butl So long as you have jumped as soon as the eye goes past your block, you should be OK. It takes practice.

Up the next lift, watching out for the occasional ooer (the funny fish-like spirally thing that appeas from the side of the screen) and you should soon arrive at the first door. Zoom through, but stay still when you reappear at the other side.
watch out for the eye (Geddit?) and when it starts its upward path, dash underneath and onwards to yonder staircase. At the top, you should come across another lift - but don't Jump straight on It! Yet another eye is in motion, moving from left to right. If you dash straight on to the lift, you may jolly well end up piling into an eye. Don't.

If you successfully manage to scramble on to the lift and zoom up, you'll find a door. Go in. When 'Blot' reappears, stop. A robot will be going up and down. Up and down. Make a panicky-runny-jumpy sort of thing over it when it is going down. And, by jove, you should land on a lift. Which goes up. At the top you'll end up trudging down a flight of stairs. Only to arrive at another lift, which. interestingly enough, also goes up, and takes you up to another door. You may want to go in, but wait. There is a pretty mean robot swaying from left to right and If you time it wrong you'll collide with the robot on t'other side and be squashed. Therefore


STANDBY TO ACCESS: NEBULUS
... Hewson
SECTION WRITER: JON RIGLAR

wait and time it. Lo and behold (at least that's what my Gran says) you'll find a llft. You'll be surprised to hear this also goes up. Up you go.

Nearly at the top now, stout yeomen. Immedlately you arrive you'll notice a door. Don't go in. Instead, trudge up the staircase on your left, avoiding. whenever possible, the two robots which madly dash from left to right. It takes practice. You'll find a safe spot marked with an ' $s$ ' on the map. At the very top, there will be a platform with three blocks, the middle one of which disappears. Walt untll the robot disappears and then Jump up and down on the middle block until it crumbles away. You'll fall on top of a Ift which will 'Hft' you to the exit and on to level 3.
LEVEL 3
Level 3 is actually quite hard. At the start, Blob will appear at the edge of a block. Make sure you dash to the left and blast the ball before doing anything else. Don't go walking any further to the left on this set of blocks as they all disappear from then on. Into the door instead. Once around the other side, jump on the lift. This is different from the normat ones, you can actually go up two levels instead of one. And make sure you go right to the upper level as all the blocks on the middle level disappear. The top level is pretty confusing. There will appear to be nowhere to go. This is, of course, total brouhaha. W/ait on the level until the spirally thing appears and bashes Into Blob. He'll then fall on to the lower level where he can successfully blast the ball found therein. Trot along to the end of this level. You'll soon notice that the last block disappears and you fall back down to the lower level. This is OK - the block was erm, blocking, a lift. You can now Jump on this lift and zoom up.

Blob witt then find a door which will lead to the other side of the tower. Reappearing, he will fall a few centimetres to a set of blocks lower than the doorway. Here there is a lift and we meet the first of the skeletons: wait until it zooms upwards and then dash underneath and down the following staircase. Oh look, another skeleton. Dodge it, and hitch a ride on the nearby lift. Dash up the staircase on the left making sure you don't collide with yet another skeleton. At the top, you'll need to blast the two flashing squares - this will give you access to another lift. Dash into the nearby doorway, and then into the next one when Blob reappears, although the skeleton has an uncanny habit of bashing into Blob and It'tl take a falr bit of practice to time it exactly. When you get up the apples and pears More next month

## NORTH STAR ${ }^{\text {m }}$

Alone it stands, majestic and proud... the final hope to Earth's savagery and overpopulation..
North Star, a glorious space station orbiting serene tranquility, too much tranquillty... preparations should be underway for the final evacuation. Communications are dead, scientists cannot be raised... a dreadful gloom overtakes the population... has their last hope gone?
Only one can find out, only one has the necessary powers. That one is you... a unique leing on a mission to rescue a unique project.

Spectrum $\mathbf{4 8 \mathrm { K }} \mathbf{£ 7 . 9 9 \text { Cassene }}$ Amstrad $\mathbf{£ 9 . 9 9}$ Cassette $£ 14.99$ Disk Atari ST £19.99 Disk

CBM 64/128 £9.99 carsethe $£ 14.99$ Disk


THiF filCilT FOR THIS WORLD:" "FROM OUT OF THIS WORLD...

VENOM ${ }^{\text {m }}$ STRIKES BACK

Incoming message on MASK computer - "We have kidnapped SCOTT TRAKKER and are holding him on the moon. Unless you surrender the entire MASK forces to VENOM you will never see him again." Signed Miles Mayhem.
Matt is faced with a terrible dilema. To agree to VENOM's demands would give them total control over the Peaceful Nations Alliance, but to ignore their demands would surely mean Scotts life.

Can you as Matt Trakker rescue Scott and return him safely to Earth?

Spectrum 48K $£ 7.99$ cassette CBM 64/128
£9.99 Cassette $£ 14.99$ Disk
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MASK ${ }^{\text {TM }}$ AND THE ASSOCIATID TRADE MARK ARE THE PROPIRTY OF KINNER MARKER TOYS. INC. (KPI) Ing

## DOMAFTIC COBOT numet

## VIDEOFACE <br> VIDEOFACE digitiser takes pictures from a video camera or recorder and turns them into standard hi- res Spectrum screens.



NOW YOU HAVE
"Acoon ASsww endificeese threes.

SPECTRUM+3 - THE BEST ADD-ON FOR MULTIFACE 3

##  <br> (Sinclair User)

In the beginning there was the Spectrum. Lots of people bought one. Lots of other people wrote games for the Spectrum, and lots of people bought those as well.
But there was a snag - everything used cassette tapes, which were fine for Depeche Mode but not for so hot for computer software. Slow, unreliable and frustrating were some of the kinder terms used for the medium.
How there's the $128 \mathrm{~K}+\mathbf{3}$, a games machine that has all its software on tape and built in disc drive Guess what Romantic Robot has produced?
Multiface 3, that's what. Plug it into your $128 \mathrm{~K}+3$, and load a game from tape. Press the red button and you can port it on to disc at any stage, yours to load in a trice at a whim's notice. Multiface works by waiting for the program to load and run. Then it takes a copy, and as the program was running at the time, it will run when the copy is loaded back later.
The tape to disc function of the Multiface 3 would be enough to recommend it to anyone. But there's more. When the red button is pressed, a whole range of functions appears. You can look through the $128 \mathrm{~K}+3$ 's memory, altering it at will. High scores have never been so easy to obtain. Memory can be displayed as hexadecimal, decimal or text. All of the $128 \mathrm{~K}+3$ 's 128 K of Ram can be fiddled with, not just the 48K's worth that Basic has access to.

You can also print out areas of memory and screens in a variety of different forms. The Multiface 3 can do the same types of graphics dumps as its brother Multiprint, straight text, Spectrum-style Copy and a couple of shaded screen
dumps. It can't do much more than $128 \mathrm{~K}+3$ Basic does, but it does it in the middle of programs.
The main purpose of the Multiface is to get things on to disc. As well as the simple Save and Load, it's got a few other tricks up its interface. You can, for example, use the disc from 48K mode. Lots of people get excited by this.

Other things that the Multiface can do is allow you to erase a file to make room on a disc, in case you need to save something in mid-game and can't get to Basic to do the deed. You can't Format a disc from the Multiface, alas.
Multiface also compresses stuff automatically, and doesn't Save empty areas of memory. These two features mean that you can get (for example) more than three games on the 170 -odd K allowed you per disc side. But you can turn those features off, if need be.
Everything is accessed by the traditional one- or two-line menu and single keypresses. Multiface 3 is very careful about invalid inputs, and didn't crash or otherwise misbehave at all. And I did try to confuse it.
More than that, what can I say? I enjoy a good rant, most reviewers do, but the Multiface 3 seems set on continuing the Romantic Robot tradition of doing the job reliably. can't even complain a little.
Any 128K +3 owner will find it a wonderfut device, indispensible even - I'm not giving mine back without a fight. I expect to see the usual extra programs appear for the best in due course (Genie et al), whereupon not owning a Multiface 3 will brand one a complete loser!
EXCERPTS FROM REVIEW IN


LIFEGUARD is an infinite life finder. Install it into the MULTIFACE I or 128 , load a game, press the MULTIFACE's button and LIFEGUARD is ready to look for infinite lives, ammunition, etc. Once it finds it, your playing and score will never be the same - you'll win again and again and for $\mathbf{1 6 . 9 5}$ ONLY!


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To the slopy bear, 1 am writing this comment for I am not satisfies with the way you little bears known as the Kamikaze may I say handle with offers. First of all in the February edition of SUI on the half page of Birate Software on the one pound ninety-nine column it had Express Raiders in fancy black writing to show how great you's feal.

But thats nothing for if you eat carrots alot you will find on the other page is another list of games and express Raider was there too for five pund fifty pence.

Can you believe it, sutch a price. I wonder what person would send away for a pricy game like that. Havn't I proved a vital point?
Feargus McGivern County Down Northern Ireland

- Yoa're abviously as mad as a boilod squirrel.
am having great difficulty in entering short Pokes, eg POKE 44490,12 on Metro Cross. I tried Merging it and Loading it, but this did not even load the game, it just said '4 OUT OF MEMORY, $0: 1$.

Please could you tell me how you enter short Pokes, as I am sure that many other people would like to know. Darren Morley Whitby

About 99 years ago (well, 2 lactually) 1 entered a competition in a December issue of ISUI. Gasps of amazement all round, I won a copy of Superman.
Two months later I received a copy of Enigma Force and a letter of apology saying that Superman had been delayed.
Can you tell me if my postman has died, or if you just never sent me the game? I am getting rather fed up.
Jeffrey Grant
Hartcliffe Bristol

- Geez - you got a prize, you gotts betts prize than Sooperman would ever have been. An' you know why? 'Cos Sooperman didn't happen 'cos Kamikaze said It wasn't good enough. So ya got a replacement, a nice 'sorry' lefter, an' you're fod up? Well Kamikaze's fed up, no-one appreciates what he does for them, quit whining boy.

R
egarding my letter published February issue, you said that Rolling Thunder had not been reviewed, and I say it had.
To prove my point I enclose the review and a screen shot of my favourite game. So go away, yellow belly.
Lee Edwards Colwyn Bay

## Clwyd

## - Yellow belly? You come here

 an' say that kidl Youse talking about the coin-op, sure we did a bit of a review of that, but what matters in SUV is the Specey version, so we're right an' you're wrong, so Kamikaze doesn't want to hear any more about it!$Y$our February front cover
says, 'Still only $£ 1$ GASP says, 'Still only $£ 1$ GASP!' This usually indicates a price increase of some sort, so why don't you cut the crap and give it to the readers straight?

## Keith Taylor

Grimsby
South Humberside
Kamikaze never likes to tell people they're wrong, so just for you Keithy - babes, we put up the price. Anyone got any complaints, we'll give you
Keith's address and you can call him yourselves - OK?
Knowle
Bristol

- So what 'ya want me to do about it, uh? Anyone alse got a problem with Outrun? Kamikaze wents to know so he can sort it oal, anes and for afl.

O$n$ the subject of adventures, I think that you ought to tidy up the adventure section of the magazine.
komi ean puf you right. YA MEED A MULTIFACE DUMMIE!
YA MEEP TA READ TME ARTICLE IN THE LAST ISSUE DUMMIEII YA MEED TO GET OUTTA MY FACEIIII
| am writing to tell you that
there is a bug in my copy of Outrun on stage 15.
Chris Fenlon

Visually it looks like it's been put together using scissors and a pot of glue. It amazes me that Gordo puts up with it! Richard Hewison
Luton
Bedfordshire

## - Try saying that to the

 Soceress and see if you can walk afterwards! Adventures have changed. Gordo's gone off on a dork to the land of Tharg or something like that, so everyone should be happy now.This letter is not just a letter, it's a mind-boggling question.
In this space age world of ours, that has a stupid, overweight, over-generous plonker like Jon Riglar hosting ZapChat, do you know of a game that has a pig as the hero?
1 am an avid lover of pigs, and I would be very grateful if you could tell me where I can get a game that has a pig as the central character. If you don't know of course, l'll have to shave your fur off.
You have been warned! Paul Cheeze Tinsley Pill

## Bristol

- There's a game called Piggy by Bug Byte that has a pig in if, but Kamikaze thinks it looks more like a rabbit!

And while I'm talking to you buddy, you try and shave off my fur and I'll have you interred in Sing-Sing. Geddit? (Anyone who calls 'emselves 'cheeze' deserves to be shot anyhow).
don't want to sound as though I'm bragging but I've finished Freddy Hardest (skill, aren't I)?

The thing I want to know is, will there be a sequel? At the end it says 'To be continued in Freddy Hardest of South Manhattan'.
I'd like to add that ISU is the best Speccy mag around. Simon Pallout Cheshire

- If you're so 'skill' you should know if there is going to be a sequel or not shouldn't ya?





## -



## ARCADE



The Tasty Space Griffin. Dreamt of by many, eaten by few. The TSG was one of the universe's rarest and most delicious delicacies and for some reason has been illegal for a long time. It has recently been reported that a gang of mercenary farmers have been breeding these fowl foul (shouldn't that be foul fowi?) and have plans to disable the entire universal monetary system by flooding the market with their new investments.
You, as Captain Rover Pawstrong, have been sent to the secret moon where the rebels hide their marauding flocks to catch or kill the birds. You were sent completely by accident, of course. After all, who would send a dog? The authorities meant to send Captain Neil Armstrong, but that's a bureaucratic cock-up for you.
Star Paws was a great hit when it was released on the C* ${ }^{*}$ m $^{*} \mathrm{~d}^{*}$ re 64 , but will it make a large impact on the Spectrum? For a start, what sort of game is it?
Well, to catch the birds you have to find them first, and there are 20 of them to look out for. Finding them is easy, thanks to your little space radar, but catching them is another matter. The game is spread over a multitude of levels and all have their own little obstacles. On the first level, there are lots of little rocks which trip you up or bounce you the other way. When you go underground for all the remaining levels, however, it's a completely different bucket of carrots.

Unless you have a mining lamp, you won't be able to see where you are going. And if you can't see where you're going, you won't be able to see the birds which means you won't be able to catch them. Speaking of said objective...
How do you catch the birds? Well, it's not that simple. There
 to see if they contain anything that you can use as a weapon against the birds, such as rocket launchers or death rays. Or you can simply run at them and jump on them. A word of warning here, you must take them by surprise or they will run away and as they can outrun you 10 to 1 , chasing them is a waste of time. All this chasing around doesn't half make you hungry and what better to fill you up than a Galactiburger? This replenishes your energy, which
is displayed as a vanishing turkey, a bit like the golden oldie, Atic Atac.
The graphics on this game are great. It has a very cartoony look and is really what Road Runner should have been like, because in many ways it is Road Runner. You know, the bit about the dog chasing the bird. The only difference being that in this version, he gets it.

A great game and one well worth the mega cheap price. If you miss out on this one, you can eat my granny


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## ARCADE z <br> REVIEW

Since the theft of the enchanted lanterns from Allegoria, evil forces have been doing their worst in the land. Apart from having to raise court morale, Jolly Jack the jester is nursing delusions of grandeur and is hopelessly in love with the king's daughter Grizelda. Her father, true to form, doesn't approve. The king can see a chance both to get rid of his daughter's unwelcome suitor and retrieve his lanterns by sending Jack off on the quest to fetch them back.

This brings us to the opening scenes of Firebird's Black Lamp. Quite what Grizelda sees in Jolly Jack is unclear, since Jack is rather on the stubby and chubby side, and looks distinctly downtrodden and gloomy as he sets off on his trek. It's something of a tribute to the game's graphics and animation that you can actually see this on the Spectrum.
Black Lamp is a horizontal flip-from-screen-to-screen arcade adventure, set in and around the buildings of Allegoria. Scattered over the screens are a number of lamps which Jack must collect and take back to store in one of several coloured chests in various locations. He can only carry one lamp at a time, so once you've got one, you must hunt for a suitable chest before collecting the next.

Your way will be blocked by a wide variety of baddies motivated by the evil forces which took the lanterns in the first place. These won't necessarily kill you outright, but will deplete your energy level. The baddies range from werewolves, which flash past and don't drain off too much energy, through spitting witches and buzzards with explosive droppings, which are rather more harmful and should be avoided. You, as Jack, can ward them all off with bolts of magic from your belt, but some creatures take more shots to kill than others.

Aside from magic bolts, Jack can prolong his survival by grabbing useful objects lying

around the place. A weapon, such as an axe, will make him impervious to baddies for 20 hits; a harp will give him musical 'bounce' and enable him to jump off high levels to the floor without injury; food and drink will top up his energy rating.
Although Jack basically trudges left and right between screens, he can also climb ladders and jump on to objects to reach shelves and gangways above floor level where many of the useful objects can be found. There is also some pseudo forward and back movement; if a rear exit is shown on screen, Jack can flip on to the screen 'behind', and similarly, markers at the foot of the screen appear

when he can move on to a 'forward' screen.
Although based on the timeworn theme of exploring. killing, avoiding and collecting various objects, Black Lamp is extremely well implemented. The graphics, in a single colour against a black background (apart from the highly coloured chests) are clear and detailed, while Jack himself is beautifully animated, plodding doggedly on from screen to screen. The game oozes atmosphere, wheih makes it a pleasure to play - it truly is a shock to suddenly find yourself face to face with the dragon, for example. The eccompanying music is surprisingly boppy; on other versions Jack wanders along to a rendering of Greensleeves, and although I think I can hear Greensleaves-ish bits in the Spectrum music, there's some hip hop in there too.
Another nice touch is the random starting screen for each game, and the fact that the lanterns, weapons, food, harps etc, will be located in different places each time you play, so that no game will be exactly the same as any other.
I liked Black Lamp enormously, although it's not without its minor irritants. I


## HINTS AND TIPS

- Witches and gobilins will drain your energy avoid. - There is always a storage chest on the screen where the game starts, 50 if you're wandering around with a lamp and can't find a chest. tiy making your way back to the start.
- Differentiv coloured
lamps score different points.
It you're carrying a low: score lamp, you can swap

for a higher scoring one
simply by walking over it. To hang on to your original lamp, you'll need to jump over or avoid any others you come across.
e To kill dragons: they are only vulnerable when hit on certain parts of the body and you'll need to get up to their level. Once on the samie level as the dragon, hiast continuously and hold your ground.
found the controls (joystick or redefinable keyboard) slightly slow to respond; quick aboutturns to blast away at nasties on either side being largely in vain. Also Jack must be facing in exactly the right direction to move back or forward a screen or to climb up or down ladders, which requires a certain amount of fiddly manipulation when all you really want to do is get the hell out of the firing line. At the beginning of the game you'll find Jack moves slowly, but he will speed up progressively as the quest continues.
This is definitely a major contender for search and collect game of the month. Not too much adventuring to get in the way of all that blasting

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ARKANOID 2

> JFust when you thought it was safe to load a game into your Spectrum, Ocean goes and releases Revenge of Doh, a game destined to send you completely round the twist and back.

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## 



Rumour has it that somewhere deep in the heart of nowhere (now there's a good title for a song) there's a plane being built, that's sooo secret, the people who are building it aren't even sure that it exists (bear with me, I'm creating an atmosphere). And the reason it's so secret, is because it's going to be very high-tech, and very well equipped with all sorts of highly destructive weapons.
Rumour also has it, that this plane was the inspiration behind Digital Integration's fabby ATF.

Thus we have the need for great secrecy. The next piece of
 training to be a fighter pilot is desperately expensive and you really don't have time to go to the shops to buy a copy of ATF anyway, since Ironside's just about to come on the telly. SU yet again comes to the rescue,


1he idea behind ATF was to design a game based on an aircraft of the next generation. The aircraft in question was the futuristic (and top secret!) XF-22A, also referred to as the Advanced Tactical Fighter or ATF for short. The prototype is currently being designed and built by Lockheed, Boeing and General Dynamics in California U.S.A. and is scheduled to make its first flight in 1990.

Our usual sources of information and facts revealed that the 'plane was chockablock with some amazing features, but Lockheed were obviously

unwilling to provide us with data that could in any way be termed confidential. Despite this we did manage to piece together sufficient information to form a framework for the game including the 'electronic co-pilot' and automatic, "terrain
following." We figured that the missing pieces could be filled by our imagination to maximise playability.
So, instead of concentrating on accuracy, other aspects took top priority. The most important of these was that the game should feature fast arcade style action whilst still offering a strong underlying strategic element. A new kind of 3D relief terrain was developed to emphasise the low level ground hugging capabilities of the ATF

Initially the 3D relief terrain was generated by mathematically calculating all of the visible points for every frame of the action. The system worked, but was simply too slow to ever pass as 'arcade action'. Instead, a new technique was developed that used a complex co-ordinate referencing system which avoided the need for time consuming division and multiplication. To prevent any screen flicker, each frame of the action was generated in a dummy screen, and when complete was copied at full speed into the real screen. The dummy screen was actually larger than the real screen and only a window of it was copied down to provide neat, gradual vanishing of objects and terrain off the edges of the screen.
The other important aspect of ATF, the war strategy, was vital to provide the game with an objective and long term appeal. We decided that no fundamental
 forces, since tanks and ships are destroyed but not replaced. Each kind of object also has its own 'favourite' target to go for enemy sea forces for example have a particular appetite for allied sea forces and coastal land objects.
The kind of terrain that a ground object travels over affects how quickly it can move. Progress over snow for example is twice as slow as over green land. Each object also has its own unique strength so even if you do not succeed in totally destroying an object with your ATF you may weaken it sufficiently to allow one of your own ground forces to finish off the job.
As it turned out the actual coding of the war model was quite straightforward and trouble free (apart from sea forces that regularly headed inland)! The

most time-consuming part was the actual testing, with literally hundreds of wars being staged at all levels to make sure the balance was just right.

Full use was made of the sound chip present in the 128 K Spectrums to add some extra atmosphere to the game, and also a three channel title tune.
All of the program code was written on an IBM AT compatible computer using a powerful macro assembler and relocating linker whilst the graphics were designed on an Atari ST and then downloaded via a serial link to the IBM AT compatible. All the program code and graphics were then downloaded to the Spectrum and debugged using a monitor that was developed In-House.

## Ian Benyon

Digital Integration





HOT BUDGET Rumbling about on the this month we find LA SWA from Mastertronic, the game which at least one member of the SU team refused point blank to give house-room to. There's also 3-D Starfighter from (cough) Code Masters.

$\triangle$ HOT: 3-D
STARFIGHTER
$\qquad$
us cotb


CHART COMMENT BUDGET
Cries of jollity this manth as finally somebody, invbody, knocks Code Masters off the top slot at last Yes, it's goodbye Pro. Stunt-Ski-Fruity-Motorbikehello to Kikstart knobs on, and No 1, the sequel to the in at that nobody ever remem game appearing on the Spectrumers the first place.
All due credit to Code Masters though, they still hold six of the ten top slots. and that's got to be a good recommendation if ever I saw one.


MORE THAN 1,000 ...

" Afirstrate conversion ofa first rate arcade game."
IZAP GA - ZZAP SIZIER
6G Great graphics, good sound, perfect playability, what more could you ask for?" CEVGMIT

${ }^{66}$ Gauntlet is definitely the most exciting coin-op conversion ever for the 64. For sheer fun and hours of entertainment value this is game the best yet. $\%$ COMMODORE USER - SCREEN STAR

" A super sequel to the much loved dungeon based shoot 'em up. As much of a blast as the first. and about twice as addictive. ${ }^{\prime \prime}$ YOUR SINCLAIR

${ }^{6}$ A corker, fast action and superb gameplay."
SINCLAR USER - SINCLIAR USER CUSSIC "The game's brilliant!" AMSTRADACTON-MASTERGAME



ENERGY

The Earth hasn't had much of a run, has it? First the dinosaurs came along, leaving droppings all over the carpet, then the Ice Age came along and froze the whole place up. To top it all, Mike Smith decided to become a DJ, so everyone packed up their stuff and left mother Earth forever. Only a few remain. Known as the rangers. They each guard specific areas of the Earth from

## 3 AM, <br> Well above average <br> budget shooty with ex-

 cellent parallax scrolling. With a free game, a very good buyENERGY WARRIOR Label: Mastertronic Author: Binary Design Price: $£ 1.99$
Memory: $48 \mathrm{~K} / 128 \mathrm{~K}$
loystick: various Reviewer:
things that are hot areas of the Earth.
Here then is Energy Warrior first of Mastertronics' MADX games - cassettes with a free game on the reverse. Molecule Man is the B side here and it's pretty bad. Enough of that.
Yes, you in your little spaceship have to fly above the surface of the planet and eliminate the aliens. Easy, you say, just defending a couple of areas. Yes easy, just defending 30 areas, at once. No sweat for the bear, but what about mortals?
Actually it's not that hard. The challenge is there, but it's not


ARCADE
 WARRIOR
very difficult to have a long game. The aliens come in waves, one wave at a time, and you have to shoot them out with the little gun on the front of your craft. The game is viewed

side on, as in Nemesis, Defender, etc. Controls are just up, down, fire and left/right to turn your ship around.
The graphics are OKish, with some nice details here and there, but it is the scrolling where the game really comes into its own. Parallax starfields have been seen before, but this is something different. Five layers of backdrop all scrolling at different speeds make this scrolling the best I have seen, easily surpassing games like Uridium.

There you have it, some good reasons to buy it and one very good reason to buy it. Next time you are out buying budget, give it a try. I like it and I'm beggared if ISU is getting it back

Three of the words I most hate are 'simple but maddeningly addictive' FOUR of the words I most hate are 'graphically simple but maddeningly addictive'. FIVE of the words

Let's start again. Rollaround is one of those games where graphics ain't worth a spit, but the gameplay is so much fun that you don't care. It's a sort of cross between Painter, Marble Madness and Bobby Bearing, in that you control a sphere rolling around a number of complex networks of squares. Your aim is to collect the correct number of symbols from each level, indicated at the top of the screen.

Each of the levels includes nine screens laid out as a three by three grid. Some of the screens consist simply of rightangled pathways, where the worst thing that can happen is that you lose a life by plummeting off the edge. But on the more complex screens, where there can be up to 100 squares, aliens appear and make your life hell. Some will chase after you and turn the square beneath you into a hole, some actually leap over
$R_{0}$
obstacles to get at you, and some sit guarding the squares you want to collect. There are also several types of square. Some change the nature of all the other squares on the level, some turn plain squares into

## ACMAN Graphically basic but en-

 ioyable playable combination of skill and strategyROLLAROUND
Label: Mastertronic
Authors: Mr Chip
Price: $£ 1.99$
Memory: $48 \mathrm{~K} / 128 \mathrm{~K}$ Joystick: Kemspton


holes (which can be useful for killing aliens), and some stop the clock for a limited time. (Oh yes, forgot to tell you; there's a time limit for each level, and in some cases you'll find the squares collapsing under you). After each level there's a fruit-machine style bonus game where you hit the fire button as a series of tokens light up. You can get yourself an extra life, extra points, or a big fat zero here.

You can abort a level at the
loss of a life if you get stuck, and there are decent sound effects and music to complete a neat little package.

If leaping over the fastmoving aliens, collecting squares and avoiding big holes are things you don't do well in real life, then you won't get far with Rollaround. For most of us, though, it will provide far more entertainment than anything this simple has any right to do.

IF you reckon we're talking rubbish don't just stand there...

Tell us what you think.

Stick your
comments on paper, fill in and cut out the coupon below and send it in ..

And if you don't send us your picture

- the sillier the better - we'll have to print a picture of a slug
CALIFORNIA GAMES
Co it's as good as Renegade, is it? It's Sas good as Star Wars, is it? It's as good as World Class Éeaderboard, is it? It's as good as Out Run, is it? It's as good as Salamander, is it?
No, Non, Nein, Nao and Nano. Jim The not very good reviewer - of this game anyway" Douglas gave this trash 8 stars and, I quote, "One of the best sports sims around. (Ha), 4 great events, 2 iffy ones (what only 2? more like 6). Hurrummmph)!"
8 stars equals: "Good stuff, well worth the money." No way, go spend it on something like $\mathbf{7 2 0}$, like I'm going to do if this letter gets printed! Paul Jones
Oldham
Game Choice: $720^{\circ}$
- Back in the knife drawer with
you, Miss Sharpl You're a vicious lot, aren't you? Still, at least you agree with me on $\mathbf{7 2 0}$, which doesn't make you quife the twonk you initially appear.


## OUT RUN

How could you give Out Run only Height stars? Are you nuts? This deserves at least a Classic. The speed and graphics are brill, and what other racing game has massive great juggernauts for you to overtake?
I agree that the Speccy version is nowhere near as good as the original coin-op, but what can you expect from the humble Speccy? It has its limitiations.
The game is a multi-load, but this actually has some advantages. It lets you get your breath back after each hair-raising stage.
Overall, I think that this is a great game and definitely one of US Gold's best.
William Bremner
Caithness
Game Choice: Buggy Boy

## OUT RUN

You gave Out Run 8 stars, right? I I wouldn't give it 4. It says on the packaging. "Feel the G-Force of a high speed racing car." I didn't feel anything, as a matter of fact it seems quite slow for 298 mph . Also, the car is massive, it's almost as tall as the lorries, and even worse, bigger than the houses that you pass. The only good comment I have to make is about the graphics, they are highly detailed and aren't at all jerky, as in the arcade version.


## BIAME CORNER JIM DOUGI.AS

£8.99 is a bit much for this relatively poor quality game, $£ 6.99$ would be better.
Joseph Brown
Gloucester
Game Choice: The Last Ninja.

## OUT RUN

Not 24 hours ago, before writing this Netter, I bought Out Run, and WOWI It's so hot it melted my recorder. But why did it get 8 stars? It should have been a Classic, no, change that to a Mega Out of This World Mine's a Big Mac with Fries Classic (Phew)! The mega music ought to get to the top of the charts even Madonna likes it, she's a great friend of mine (what a dreamer). Jim Douglas should take a
hike, and get someone else to review the Classics. If another decision like this is made, Shuk and Dude are gonna know your address.
Seriously, you should buy it, 'cos it's FABRILLIANT.
By the way, the name's mine, but the mug shot isn't, if it was Id hardly be writing this letter for a lousy tenner for a computer game, would I?
James Dean
Peterborough
Game Choice: Combat School

## OUT RUN

Send Jim Douglas to the gallows! Im Sreferring to his review of Out Run. 8 stars out of 10 ? This $\mathrm{c}^{* *} \mathrm{p}$ doesn't deserve one star. When driving along you can hardly see the lines of the road, and end up missing the bends. Even worse is when you crash and start spinning about.

Why did US Gold try and tackle such an ominous task? Why couldn't they just leave us with fond memories of the fabby coin-oip? (And by the way, Kamikaze Bear rooles).
Simon Fisher
Dunbartonshire
Game Choice: $\mathbf{7 2 0}$

- Jim says: My, my. Touchy, aren'f we? Just take a second and think about what sorf of things are feasible on the Spectrum. Then think about what sort of job Probe \& USE did, all-things-considered. Then go and put your head under a pneumatic hammer.


## RENEGADE

## IMPORTANT NOTICE <br> SU CUTS WRITE STUFF PAYMENTS SHOCK

It's true, from now on all Write Stuff entries will be paid only five pounds instead of ten. "Meanies" you cry. Not so, nor will we spend the money we save on holidays in exotic climes. We did it for you. (Cries of "Lies" "Cheats")
The point is we were getting so many Write Stuff entries the chance of any particular person ever getting their opinion printed was getting about one in a hundred. By cutting the cash to a (still generous) fiver we hope to separate those who have a real opinion to express from the plain greedy and give the former more chance to get printed. Hope you agree.

## BOSCONIAN

$\mathrm{O}_{\mathrm{N}}^{\mathrm{K}}$
K , so it was reviewed in the November issue and isn't the most interesting thing around, but it's still worth a look. I parted with the 'hardearned' a few weeks ago and the game has provided hours of mega joy on my puny 48K (if I say 'mega' here it seems to improve my chances of a tenner). Graphics are sufficient, but scrolling is ultra smooth. The mines scattered here and there are great for dodging the formation attacks. I have to say that seven stars was a little low, so if you have a couple of quid around, buy this game! All the rubbish in this letter doesn't matter, the game is just truly addictive (I didn't mention the puny bullets).
Tomas Kelly
Dublin
Game Choice: Garfield

Oh no, not another Renegade worshipper I hear you cry! How did you guess? I just can't help it, I lurrv that cool Renegade sprite, kicking people in the goolies and throwing 'em off ledges.

BLAME CORNER GRAHAM TAYLOR



COMBAT SCHOOL
$\mathbf{S}^{\text {inclair User, how could you How }}$ Could you not have given Combat School a Classic? It's the most mega, fab, hip, crucial, cool and totally spondicious game in the world. OK, you gave it 9 stars, when it was worth at least 18. Only Mike Lamb and his gang could have come up with a game like this. I mean, the graphics, the colour, the whole is just totally brilliant.
Readers, if you have not bought this game, you're off your trolleys. Stephen Williams
Manchester
Good Choice: Thundercats
COMBAT SCHOOL
WT hat a game - this is the greatest. I fact that the 8 events, including armwrestling and pull-ups, are all quite different. You might say that with 3 shooting events this cant be so. Wrong Each one is done differently to give a very playable and addictive game, as each time you play you try to improve your scores and times.

BLAME CORNER TONY DILLON


Altogether, I can truthfully say it is as good, if not better than the arcade original. Buy this game now, before you regret it. Well done Ocean! Dean Marty Finer Grimsby South Humberside Game Choice: Garfield

KIKSTART 2
$\mathrm{K}^{\text {ilcstart }}$ is great, absolutely brill boxes, dodge the fires and ride the ski jumps, but remember, not too fast. Just in case you get too good at the game, there is a built-in course designer with which you can redesign any of the 24 courses and load to or from tape. The obstacles range from six foot high brick ramps to a couple of inches of mud that slows you right down. Since I got this game home I haven't turned it off yet! I admit that graphics-wise it's only OK, but the gameplay makes up for all that. This tame should get nine stars if not a Classic - and all this at budget price! Daniel Ashton London
Game Choice: Garfield
GRID IRON
This is a bad game warning. Grid 1 Iron has got to be the worst game I
have seen on any Speccy. The graphics have seen on any Speccy. The graphics
are ultra-mega tripe, and there isn't any sound apart from the odd beep.
It ought to get the award for the most-
ultra-super-dooper-mega-cool-king-of-the-cheapo-nasty-games-of-the-year! Stuart Minshull Crew
Game Choice: Thundercats
DIZZY
I totally agree with your review of better than any full priced game now out. The colour is just so soo0000000000per dooper! The sound is really good with a good tune at the beginning, not to mention good ingame tunes. And since I first played it, Ire found it so addictive, I can't find anything nasty to say about it at all. It should be in YOUR collection of game.
(By the way, I think your magazine is the best).
Yusuf Gulliver Norwich
Game Choice: Rolling Thunder


THIS HORRTBITH TRUTH - WHAT SJ RTHADIBS RIFATIY TOOK ITIK켜!

Now say sorry to Ocean, [SUI 8 stars, tut tut. The only way to stop us complaining is to write another review and give Renegade 10 stars and a Classic!
Darren Paul
Cheltenham
Game Choice: Out Run
GARFIELD
WT hat a gamel A pure treat for any Vourfield fan. As soon as I saw your review I went straight to Boots and home I went straight to my bedroom and loaded it.
And wow! Brilliant graphics and expression by the characters. It might get tedious in places, but once you work out what an object is, and what it does, you're away again. Everyone give this game an EDI Classic. Graham Taylor must be as blind as a bat! The sprites, the backgrounds and everything else is brill!
Still, it could have been worse, I guess Tamara could have reviewed it
go out and buy this superb game, and by the way, it deserved the Classic that you gave it. Well done SUI Martin Adams
Fareham
Rants
Game Choice: Flying Shark.
GARFIELD
I knew it! Graham Taylor is mad. What rubbish. After spending $£ 8.95$ on Garfield, loading it up and playing one game I was swooning from the shock. The graphics aren't bad, but the gameplay is totally pathetic. After 50 goes I still hadn't got anywhere.
Don't worry [SU, III buy your mag even if some of your staff are a bit potty. Robin A Clark Peterborough
Game Choice: Rolling Thunder - After 50 goes you still hadn't got anywhere and you think it's the gameplay that is up the creek . . . me I think you probably need a cheat Poke urgently...

## 23 <br> COAPPUIERSINCLAIR

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## PROGRAMMERS

RAFFAELE CECCO is the programmer of Cybermoid. He hurtied to fame with Exelon and this is his second game. He is working on a game, which, he ways, "will be something completely different," (Gasp).

0K admit it. Exolon was the best game of 1987. It had better gameplay, bigger graphics and more colour with less colour-clash than any of the competition. Cybernoid is Exolon II. Plotwise it's maybe marginally less original but it takes the brilliant graphics of Exoion a stage or two forward and puts them in a flip screen space shoot-em-up of astoundingly destructive proportions.
Cybernoid is a fighting machine - an ultra powerful spaceship just itching to take out hoards and hoards of wibbly alien blobby things. Why kill them? What's the plot? Who cares? Let's just assume they jumped ahead of you in the bus queue or something.
Cybernoid grows in firepower as gameplay progresses. As you survive you discover, dumped in odd corners of the screen, some of the most truly






 weaponry yet seen in a computer game. Things start well with an awesome electromace which swings around your spacecraft leaving a train of sparks behind it. The explosions in this game are better than Exolon as things smash into a thousand multicoloured pieces.

There is more. Aliens come in dozens of different guises.

## CYBERNOID: THE

 WEAPONRYBombs - Good for the blg installations. Can be guided Impact mines - Plonk these down to trap the dumber enemies
Shield - You become invincible - for a while Bounce Bomb - Whizz all around the screen. Completely impossible to control, but awesome to watch!
Seeker - Tracks down bad guys
Cन



Some are tiny and can be easily taken out with standard lasers, others are gigantic monstrosities - particularly


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HINTS AND TIPS

- The mace is on the second screen. Try to blast the installation and then grab it rather than the other way around because you might get killed!
- On the first right to left screen stay low to grab the goodies and then start firing. And don't stop
- When you reach the first three charinel obstacle be careful to position yourself very carefully - one pixel out of place and, Wammot Watch out for the gun emplacements - some are slightly hidden
deadly are the bizarre things which look like wasps' nests and throw out deadly bouncing bombs.

Parts of the game remind me of the old Caverns of Mars - it isn't just blasting things, sometimes to get further into the game you need to time your way past some of the most fiendish obstacles known to arcadekind - tiny channelways needing precision steering and split-second timing
For the wimpish there is a shield option which will get you pretty safely through the early screens, but there is a problem - it runs out. If you use it up in the early stages - well you're

## 

going to be pretty stuck when the going starts to get really tough aren't you?

It's a real player's game this you can start to develop strategies for different obstacles. Certain kinds of flying bomb follow specific patterns and no obstacle is impassable - just very, very difficult indeed. Someone somewhere is going to solve it in about two hours but the average blasthead should get days and days of challenge.

Game of the yar so far? You bet. It has everything Exolon does but it's harder and the graphics are probably even better. Cybernoid is also certainly the most completely destructive game l've ever seen.

I think all of that adds up to a pretty strong recommendation don't you? The best flip screen shoot-em-up ever seen on the Spectrum. A worthy successor to Exolon

## 

## PROOF OF DESTRUCTION

ARCADE Label: Mastertronics Author: Icon Design Price: $£ 1.99$ Memory; 48K/128K Joystick: various Reviewer: Tony Dillon

## leff Minter at his best expect its not Minter's doing

Pa is a fast moving, colourful, difficult, exciting shoot 'em up There, Ive finished my review. Well, what more can I say? That's what the blurb says. I can't harp on about alien rulers wanting to rule this, that or the other, or your endless quest of the orb of whatever. Dum de dum. I'm getting paid for this you know. Oh, all right, I'll tell you a bit more. Pod is, in a word, psychedelic, (very) is alt the Minter hallmarks but it isn't. The background is the long scrolling mass of colours. You fly a little pod around a grid, and nasties quickly fly down from the top very smoothly. You move very quickly and the rain of fire is astounding. Looks nothing much but well worth digging out for a couple of hours entertaining alien blasting



## PARK PATROL

ARCADE Label: Firebird Price: $\mathbf{£ 1 . 9 9}$ Memory: $48 \mathrm{~K} / 128 \mathrm{~K}$ Joystick: none Reviewer Jim Douglas
Hotch potch of a few fairly dull ideas. Awful graphics Harmless hokum

Dark Patrol looks like it could be a re-warking of the age-old classic, Frogger, the game where you've got to make your way across a river dodging logs and other water-bound obstacles. Which means it's a littie disappointing to discover that it's about being a ranger in a nature park and collecting litter. Adversaries you will encounter include swimmers, ants, anakes and logs. Very threatening. Accoptable game play is marred by shocking graphics and an initial idea so boring I'd
 rather listen to my grandmother explaining how to make strawberry fam. Two pounds could be spent in far better ways, though I conceded this isn't actually the epitome of dreadfulness. Not oulte:

## COLOSSUS 4 CHESS


 Grandmaster' Dillonosihoif
Average chess game with a fair level of playability, but there are better ones on the market

(8)4 .anatenme brings a lot of promise with it it heralds itself as benig the greatest 8 bit chess program available, but I feel I have to toel that PG1 Chms is the best 8 bit chess game aroumdins pretty fab but las ail the leatures of most of the chess programs about it boasts 16 levels. which is quite impressive and to be honest it does provide a good chalrenge The screen lavout is clear and in 3D persnective ior 20 nawspaper stylo it you want though still iacks the cleaness and fimish of some other programe Altogether, a very good attempt, but I can't see sales booming not at this price anyway



Well, OK, so it's April, but we just couldn't wait to give you the chance to enter another in our serles of Absolutely Unbelievable Flying Things Competitions.

OK. Same routine as last month: you look at the plctures and say "Who on Earth are they trying to kid? There's no way they can possibly give away something as fantastic as thisl" and then we spend the rest of the page trying to convince you that yes you really really could get your mitts on such a fantastic prize. I realise it's tough,

competition to make you fall off your seat. As you recall, ATT is a
together and offer you a


## The Questions:

1) Some planes can fly backwards. True or False?
2) Who was the first person to fly the Channel?

A] Orville Wright B] Blériot C] Sir F. Laker
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seriously addictive flying-over-the-landscape sort of game, hence a flying prize to accompany the compo.

If you were tempted by the helicopter last month, this one will make your knees tremble.

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I's funny, isn't it, how the most cheesy storyline can be I constructed around such a fantastic game?
Take Firefly, for example. It's probably got the most enduring gameplay to be found in any game around this month, and the graphics are just great, but the storyline would be enough to make you pass out through sheer disinterest and sense of dejeà vu. The worid is under threat from alien blobs and it's up to you to quash the empirebuild intentions of the little critters.
Meard it all before? Too bloody right, but hang on, you almost certainly haven't played anything with quite as many different elements.
Spacial FX, which is Ocean's hot new coding team, has gone to incredible lengths to include - almost entirely successfully strategic, arcade and luck-of-the-draw elements among others.
The game is easy to play but complicated to explain. Here goes: pay attention. The aliens are building up a huge network of girders and platforms throughout the whole solar system. The more they manage to build, the closer they are to vietory.
By guiding your Firefly icon (yours is the good ship Firefly)
firt place. You have to get firee squares and each time your spaceship rotates faster than the last. If you hit red too many times, you'll exit the teleport and explode into a million bits.
It's vital that you get the hang of the teleport, as most of the mazes have at least one Energy Point that you can't get to by simple flying. Energy Points? Yes, they're the rapidlyflashing dots on your scanner. All the time, they spew out energy blobs. Once four have been collected, you can enter

the Point in the same way as a teleport, and prime a charge to knock it out, thus depleting the, aliens' security system and, eventually, after taking out all the Points in a sector, rendering it "dead"

OK, so it's strategy city, isn't it? Well, not really. You see, all the time you're flying around in the sectors, which is at least 80 per cent of the gameplay, you have to fight off the bad guys. There are stacks of different types. Some fire at you, some just fling themselves against your ship. All drain your energy if you're not careful (your energy is represented by a bar at the bottom of the screen).
If you remember the kind of thrill you got from games like Jetpac, waiting to see what the next sheet of aliens looked like, you'll be able to understand a part of the appeal of Firefly. The aliens, and especially the backgrounds, are so varied and exciting, you get the impression that you'll never run out of things to discover. The mazes vary from deserted unconstructed foundations, to high-tech constructions, each providing a new angle, forcing you to fly in a slightly different way.
The firefights you get into with the aliens are great, and as you're totally free to move around in the 8 -way scrolling landscape, you've got some genuine dogfight elements thrown in too.

The graphics are good and varied, and the gameplay feels somehow superior to most games in the same field. If Special FX can top this, it'll shortly be able to rank itself up with names like Ultimato Impressivel

## TMT:

## SPORE

ARCADE Label: Mastertronic Author: In-house Price: $\mathbf{5 2 . 9 9 \mathrm { Mcm }}$ ory: 48K/128K loystick: various Reviewer: Tony Dillon Generally, not very good, though the Dave Whittaker piece on the intro screen is quite nice

The good old days are a glorious and wonderful thing (at the time they were, of course, a terribte time). Think back a couple of years ago or more (the Spectrum is six years old this year, by the way). and think of the software of the time, games like Knight Lore and Jet Set Willy for example. Well, Spore is one of those games which, if it had been around then, would have been instantly forgettable
How many games have been collect-the-thingies-whilst-avoiding-the-nasty-thingies? Yes, too many to count, and Spore adds to that list Simply move your small crappy character that looks like a spider doing aerobics and shoot all the small
 blocks. Boring, especially when you consider that there is no scrolling. terrible animation and the worst level of playability I have ever come across

FOOTBALL.FRENZY
ADVENTURE Label: Alternative Software-Price: 51.99 Memory 48K 128K Joystick: none Reviewer: Tamara Howard
Decidedly budget adventure about a mythical football team and a lot of ridiculous problems. I wish I'd had the shredded wheat instead

Any adventure that has the temerity to tell you on the inlay card that it's Wednesday and you've just had three Shredded Wheat for breakfast has fust got to be kidding.
Football Frenzy, the adventure game that has less taste than most, involves your efforts to get your team Grimsditch Rangers to the Cup Final. Judging by the state of the team on the packaging. you're in with a tough job (but you've had the shredded wheat after all). It's the standard set up. changes of location treat you to thoroughly interesting line drawings of your office, your secretary's office and some really rather fascinating tunnels.
II you're an avid football fan. you might just enjoy the game, battling through seemingly impossible odds to get to that all important match.
The vocabulary's small, the locations decidedly footballish (OK, in this instance. I guess that's a point in its favour) and why does your office carpet have to be magenta? And why is your secretary called Yellow Pages?



## IMPACT

ARCADE Label: Audiogenic Author: In-House Price: $\mathbf{5 9 . 9 5}$ Memory: 48k/128K loystick: various Reviewer: Jim Doug. las

## Extraordinarily late though nonetheless competent

 Breakout Renaissance effort. Nothing new.1. Fwell, I've been here before. About twelve times in the past few years in fact. t's Breakout all over again, or Arkanoid, or Krackout or Revenge of Doh if you can't remember that far back. You quide a little bat which moves smoothly along the bottom of the screen, bouncing a little white ball around the screen, demolishing coloured blocks and collecting falling wotsits which give you added powers. The selection business works in the same way as Slapfight. As you collect each wotsit, the next icon is illuminated down the right hand side, so it's a toss-up between whether you choose to enlarge your bat, light-up invisible blocks that break the balls into three etc. All the usual light
An interesting add-on is the fact that you can design your own layout
 of screens. There are eighty already in there, so you can phay it for ages without getting bored it's a shame that you'll have played all the other versions from other companies at other (cheaper) prices first though
other (cheaperi prices first thou

## ARCADE <br> REVIEW

This is the bit I hate doing． The bit where I＇m meant to explain the background of the game to the readers who have just been born，while trying to make it interesting enough not to lose the attention of the other $99 \%$ of you who know exactly what＇s going on．

Still there？Now，Arkanoid was a Breakout clone．Breakout was one of the earliest arcade machines，and entailed bouncing a ball into a wall of bricks．

You had control of a bat at the bottom of the screen which deflected the ball into the wall． Arkanoid took that idea one stage further and gave it a spacey type of plot．As well as the bat，ball and wall，Arkanoid brought in the capsules，each with different properties
（extend bat，disrupt ball into 3 balls（oo－er），transport you to next level，etc）．Needless to say， Arkanoid was very，very popular．
WHAT EACH POD DOES


So，how does Arkanoid 2 measure up，then？Well，for a start your Vaus pod（that＇s bat to you matey）has been destroyed or something，and

## Capsule letter Capsule properties

 Slow ball speed Disrupt ball into 3 balls（oo－er） Change bat into a laser Give you twin bats（two bats side by side） Gives you tail to deflect the ball Scrolls the background
Opens the exits to the next level
Lets your bat catch the ball
Either：1）Splits the ball into lots of normal balls
2）Turns the ball into a ball＇smash through everything＇ball 3）Splits the ball into lots of＇smash＇

you have a new bat，aptly named Vaus 2，which looks exactly the same as the first one．The idea behind the game is the game，though
The original Arkanoid was graphically very sparse．It had no backgrounds and the bricks were just coloured squares． Arkanoid＇s programmers have taken this point into account and have completely

## PROGRAMMERS Arkanoid 2 are Mikerters behind programming）．Ronnie（main （graphics）and Ronnie Fowles （music）．Mike Gary Biasallo （music）．Mike and Ronnie have worked before worked before on previous occe． sions and Gary has just joined the Renegade 2 ． SOFTOGRAPHY <br> Renegade <br> Ocean，1987）Comb，Arkanoid （Ocean，1987）．Top Gun School

## E

redone the graphics section of the game and，wow，it is a real improvement．The bricks have been redesigned so you can tell the difference between 1 hit （coloured squares）and multiple hit（like a top view of a house） bricks．The backgrounds are lovely and patterned，but can be really confusing．For example， in level 1，it is practically impossible to see the ball when playing in colour，yet in black and white there is no trouble．

There are 66 levels in A2，and I promise you，all are fiendishly difficult．Indestructible bricks bar your way everywhere and those little aliens still get in the way of your last brick．Very interesting，very frustrating，but still a lot of fun．Still，you will need the pods to help you through，though I must warn you that they have been changed a lot－just have a look at the table of pods on this
－


A fabbo sequel that is easily as good，if not better than the original Breakout－clone Arka－

## noid

## ARKANOID II

Label：Ocean
Author：Lamb，Fowles，
Price：$£ 7.95$
Memory： $48 \mathrm{~K} / 128 \mathrm{~K}$
Joystick：various
（Onloun Dillor）
大 大 女 大 杂

## page

How many people in the original Arkanoid，got to，say， level 24 and said＂This is too hard for me，I wish I didn＇t have to do this screen．＂Well A2 is way up your street，because at the end of each screen，not one， but 2 exits will open，and you can choose which way you want to go．Very handy that． All said，a great game．Fun， very easy to get into and frustratingly addictive．Even the legendary Graham＂I don＇t find anything addictive＂Taylor was heard to say＂Just one more go．＂Like I say，it＇s a great game and very，very conceptual（only joking）



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of fun, eh? Guess you know what's coming next. Guess what? You're going to be that little robot.
Yes, in Northstar, you get to play a little robot who has to destroy a whole alien force.
sn't clairvoyance a wonderful thing? I mean, isn't it amazing how the people who write the dodgy storylines on cassette boxes can tell us exactly what will happen in, say, 500 years' time. Funny too, how they always say the same sort of things. For example, in the year 2499, a huge space station is going to be built. But, just as it is about to be completed something will go drastically wrong (again). An alien force will take over (again) and this one little robot fellow will be sent up to conquer the aliens (again). Sounds like a lot

$\square$ roblems, problems. What do I call this game? Do I put it in the Arcade action of the reviews, or do I put it in the Simulation section? For yes, believe it or not, Oink is an exact simulation of how comics and magazines are put together. Yes, it's true. You may think that we (ie The ISU team) spend all day slaving over hot typewriters, brains pouring out of our ears trying to get away from the serious thinking that is left on their shoulders (I71), but no. (Tony this is madness start the review again asd see we after sehoel G.T.) $\square$


In Oink you have to send assorted comic strip characters out to find the missing page panels before the copy date otherwise you'll, "Run out of Piggin' time". Each character enters their own mini arcade games and tries to get as many panels back as possible to fill the 9 pages in the magazine.

The first game is Pete's Pimple, or to put it another way, Breakout. You must bounce Pete's spot around the screen, knocking out the bricks and collecting bonus panels. Dill's verdict on this part: trash. The ball only moves in two directions and you can't destroy the killer fish that sly

## STAR

keep using the word, eh, eh?) You are armed with a grabby arm kind of thing, a little like the club in Rygar. With it you can destroy the aliens as well as opening pods that contain extra points or weapons such as smart bombs. I tell you, you






SPECTRUM [ASS E7 95 AMSTRAD CAS5 AB 95 CGMMODORE CASS EB. 95 SPEC +3 E14. 95 CE4 DISK E12.95 AMS DISK R14. 95
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## 



Screen shot from CBM version.


Screen shot from Spectrum version.


Screen shot from Amstrad version.

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## The Big Sleep

The classic Humphrey Bogart filme noire, presented as a text adventure with a few very small, very badly-drawn pictures. "We are bitterly ashamed of vis one" admits Wayne Gaskin. "We farmed it out to Pixie Adventure Software on the understandin' vey would produce a state-ovve-art inneractive adventure game wiv free-d graffix an' speech synfesis. Wot do we get? A load of tosh wot l'd be ashamed to give away in a box of Frosties."

Humphrey Bogart's role as tough, wisecracking private dick Sam Spade may well be presented with loving care in the adventure, but no-one has yet managed to get further than the first screen which reads "You are asleep". Even so, the split between MegaFloppy and Pixie Adventure Software could have been amicable, were it not for George Pixie sending out a press release accusing Wayne Gaskin of being "the spawn of Satan, lower than offal and a bad smell in the nose of humanity." Legal proceedings are expected to follow.

## The Fly

David Cronenberg's horrific tale of a scientific experiment gone wrong. When researcher Seth Brundle develops a matter transporter, he is eager to try it out on himself. Combined on a molecular level with an un-noticed fly in the transference chamber, Brundle finds himself metamorphosing into an horrific hybrid of man and insect.
Your task is to pick up bits of Brundle as they drop off, and stick them back into place. Stalking around his lab, you get five points for recovering a finger, ten for an ear and twenty for a nose. To get big points, you have to be prepared to lose the odd leg or arm, but it's more difficult to get around and pick things up with limbs missing.
You can never really win, since you'll inevitably go to pieces in the end. The fun is in delaying the inevitable as long as possible, a bit like MegaFloppy Software and the liquidators.

## The Sound of Music

Possibly the surprise hit of next Christmas (or the Christmas after, depending on how long the notoriously slow Shane Gormless takes to finish the coding). In the film, the ever-lovely Julie Andrews plays a tutor employed to educate the charming children of the Von Trapp family. Together they skip over the Swiss mountains, sing happy songs about raindrops and kittens, and learn heart-warming lessons about family life.
Finally, the heart of the stern father melts and he admits his love for the wholesome Julie. Meanwhile, the clouds of war are brewing, and the threat of Fascism cast a dark shadow over the future.


You control a complex of Wermacht machine-gun nests situated in the Alps. As your infra-red scanner detects the approach of the dreaded Von Trapps, you must move ammunition to the nearest emplacement. Then, switching to targeting mode, you gun down the loathsome children as they skip off over the horizon. Miss one, and it sneaks into your emplacement, spreading its ghastly sweetness and wholesomeness and putting the machine-gun out of action. Look out for The Sound of Music Part 2 - The Return of Julie.

## What a Carry On

Whoops! It's the saucy Carry On team in the first of a series of 127 almost identical platforms-andladders games! Cheeky Ted Nobber (Sidney James) is searching for the great Oozalum bird (you know, the one that disappeared up its own . . . erm . . .) but first he has to find ten Rude Things hidden throughout Carry On land, including a lavatory brush, a loofah, a pair of Y-fronts, a bedpan and Barbara Windsor's brassiere (two objects).
Extra points are gained by completing famous phrases, such as "Infamy! Infamy! (They've all got it in for me!)"; "I think we can have it off now, nurse. (But what about this plaster doctor)"; and "Phwooer! Look at that pair' (Yes, and the other girl's not bad either)"
You lose point if you bump into Dr Pott (Jim Dale, Mr Boggis (Peter Butterworth), Sid Groper (Charles Hawtrey), Mrs Hardup (Joan Sims), or Professor Twitte (Kenneth Williams), but gain a bonus if you manage to avoid the wife or bump into a Saucy Bit of Stuff (Carol Hawkins). Plenty of rude noises, non-stop laughs and a complete lack of any intellectual demands make this an ideal family game.

## Star Trek - The Motion Picture

Unconnected with Rainbird's Star Trek title, this is a faithful version of the original film which bored audiences everywhere. The graphics, produced by Bob Scratcher (and his dog Morris) are wonderfully detailed, showing the new-look USS Enterprise and its faithful crew heading towards a vast interstellar space cruiser. As they penetrate the energy cloud surrounding the alien ship, you'll gasp with amazement at the 256 -colour graphics (and that's on the ZX81).
Speech samples of all the major characters "Phasers inoperative!" "Blimey, it's a wormhole!" and "You should have thought of that before we went into hyperspace!" add to the atmosphere. Unfortunately, although the game looks wonderful, there's absolutely no plot at all. Just like the film.


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| :--- | :--- |
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RS232 cable for built-in serial port

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On disc and with all the features of the cassette version described on the left. These features include four totally different lettering styles especially designed at Tasman for TAS-SIGN. Example signs are on the disc to get you started.

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## not available

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Disc $£ 9.95$

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| :--- | ---: |
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It has to be said. Mastertronic is the master of exploitation. It takes a certified popular computer character and turns him into an arcade game by the use of some relatively cheap computer boards. Then, as the arcade game has become reasonably popular, they do a


EAXXBOX
Quite a good attempt at nostalgia, and with a free game on the B side. My advice is, if you see it
buy it ROCKFORD tabel: Mastertronic Author: Fernando Harrera Price: $£ 2,99$ Memory: $48 \mathrm{~K} / 128 \mathrm{~K}$ loystick: various Reviewer:
 Reviewer: (on N...*... No: Nom +
 M/

## 

# O 

 ck FOROcomputer conversion of the arcade game of the computer game. Good thinking, eh? With a large profit too, I suppose But, for those who are new to the Spectrum market, here is a short portfolio on Rockford.

Way back in the mists of ancient time, a software firm by the name of First Star wrote a game. A game so simple, yet fiendishly difficult, it would have computer owners in their thousands playing for eons. Boulderdash was born, and its main character, a stick man with a large head called Rockford became a national hero. Who was he, where did he come from, what was his telephone number? This is what the public wanted to know.

But he wasn't happy. "I wish they had designed me a bit better. I look like the little bit of chewed Lego that no one can find any use for and will never look good on the little house
they've been making for the last two weeks." Little did he know that his dream was soon to come true. One day, Mr Mastertronic and his younger executive, Mr Arcadia, came knocking on his door. "Hello," they said, "we'd like to put you in an arcade game, make you look a lot better, give you 5 disguises, give you 5 different areas to play in and generally make you lots of money. Before long, the contract was signed and Rockford was immortalised on a chip on an Amiga A1000 motherboard.

You can wake up now. The history lesson's over. Rockford has changed. I would just like to point that out so that the millions of Boulderdash fans don't go running down to their latest software dealers brandishing $£ 5$ notes. He may have changed, but not for the worst in all cases (though he has in some). Allow me to explain.


Rockford is not a single person anymore. He is now 5 people, any of whom you can select from the start. Each of his 5 personae has a specified area to explore, each with a certain number of levels. You can choose to be a doctor, an astronaut, a cook or even a cowboy. Each character has different things to collect. For the cowboy it's gold coins, for the cook, it's hearts. The game is played in the same way as Boulderdash, really, which is a good thing. The scrolling has been improved, although some ardent followers might disagree with me on that. The graphics have also been greatly improved. You can now see what he's meant to be, be it a spaceman or a cowboy. To some extent, though, the gameplay has been lost. The
one great thing about the original was the excitement it generated and the pure arcade action it contained. I still play it now, and I can name quite a few others that do too. Now the cuteness has gone from the game. Rockford is a regular computer character, not the sort to be invited on chat shows. Still, you can't win 'em all.

I'd say it was a good effort by Mastertronic. Though I can't see the majority of BD lovers being overly excited by this, it's still a good game in it's own right, and when you consider the price, a very good buy. But wait, I haven't told you all. As the game is out on the new MAD X range, you get a free game on the $\mathbf{B}$ side, which in this case, is Rockman. I think that's one to look out for, don't you?

## MICRONET. THE FIRST TRULY INTERACTIVE MAGAZINE.



- ت30

Bi= 7
务毕 HHHHHHHHTHH


There are four dream zones to play through (each with many screens) and each time you enter a new screen, the clock ticks off an extra six minutes. The screens, consisting of the usual platforms, piltars, ruined buildings and plants, are haunted by all the mythical ghoutles of legend and history: vampires, werewolves, medusas, severed hands, zombies, mummies and swamp things. Of course, hidden throughout the screens are weapons which can be used to kill off various monsters; holy water kills practically anything; watches slow them down; cruclfixes freeze zombies, demons, serpents and various other offspring of evil; and many of the less powerful monsters are vulnerable to ordinary bullets shot from the revolver. If you find another revolver, it doubles your rate of fire.

There's also a single silver revolver, which is the only weapon which will destroy zombies, werewolves, and Satan. Well it would be wouldn't it? You can collect several weapons, and switch between them using the inventory at the bottom of the screen.

As you leap around the
with the amiable anthropoid. As you load it up, one word will spring to mind, and that word will be Exolon. The similarities are too staggering to be unintentional. Like Exolon, Yeti is a horizontaflyscrolling shoot-'em-up featuring carefully designed backgrounds to eliminate colour clash, an armoured figure with a gun and an over-the-shoulder missile launcher, and a series of obstacles Inctuding projectite launchers,
screens, other icons will also help you out; rings give an extra life, wings increase the size of your jumps, a transporter moves you across the screen, and a chalice increases your dream state rating. This rating varies from BAD DREAM to NEFARIOUS FRIGHTMARE (which is the height of scariness). The pairs of nouns and adjectives change as you score more points by shooting monsters, picking up chalices and using weapons.
Now you might have noticed




Colonel Kamikazi insists that this is an offer no SU reader would dare to refuse. All you have to do to get your paws on this mega T-shirt is fill in the coupon below and send a cheque for $£ 4.95+40 p p \& p$.

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Address

## If you don't, we'll just have to send the bears round!

Vertically scrolling arcade games. What call is there for them? We must have had enough of them in the past. We've had Xevious, Terra Cresta, Commando and a host of others. But Xarax is a bit special. For one thing it only costs $£ 2.99$.
Xarax is a vertically scrolling shoot and bomb 'em up in the


$\square$




ARCADD
 RAMPRTiTS


CHAMPIONSHIP

love original ideas, and Ramparts has to have one of the most original gameplay ideas I've ever seen. You get to play a very large being who climbs up buildings, hitting them in order to knock huge holes in them, collecting food and picking up little folk and eating them ... The only problem is - it's an original idea that's been done before. It's Rampage, innit? Yeah it is, though to be honest, it's not as good.

You play one of two knights, either Sir Griswold or Sir Larkin. verily two of the most enormous blokes in computerland. They weren't always giants though. In the beginning they were regular

## $\sqrt{A} \sqrt{A} B+B$

Graphically poor and vastly unplayable Rampage rip off. US Gold has done better

## RAMPARTS

Label: Go!
Author: Future Concepts Price: $£ 8.99$
Memory: $48 \mathrm{~K} / 128 \mathrm{~K}$
Joystick: Kempston


## Dमिम्नः

12

knights, but they were cursed and transformed into the huge Denis Roussofs they are now. In order to restore themselves to their former glory, they have to ravage all the castles in the land, and to ravage them, they have to climb up them and go boom-bang-a-bang (Norway nil points) and knock them buildings down.
Guns, cannons and catapults bar your way, and are fired from windows and floor alike. You can of course just punch these to destroy them, but hits will reduce your energy. You can
replenish said energy by eating the food that can be found in the windows, and believe you me there is a lot of it. In fact, so much that I got amazingly far into the game on my third go (just after you left, Dicky) and really the screens are very easy to do. Talking of screens, they're completely disgusting. The colour scheme used is so terrible you can't tell where separate towers begin and end.
In a nutshell, Ramparts is Rampage with Mediaeval knobs on, but Rampage is so much better


One racing driver like me, it's pretty tricky to find a race sim that offers any sort of challenge these days. Having finished Outrun in ten seconds, annihilated Nigel Mansell's G.P. in a mere moment, and complete every track in Super Sprint with no difficulty whatsoever, I was beginning to think that I'd never find a driving game to challenge me again (Stop making things up, you idiot - Ed).

Anyway, Electric Dreams -

apparently stuck in sequel mode - is bringing out Championship Sprint; the sole difference between this and their earlier Super Sprint is the Course Construction aspect, so you'd have to be completely barmy to buy both.

What you've got to do is hare around a series of eight tracks as fast as possible, beating the "drone" (computer-controlled) cars and avoiding the oil patches. Sliding the little cars around the tracks is strangely satisfying, even though the graphics aren't up to much. All the standard features

# $\mathfrak{G R} \mathbb{N} \mathbb{D}$ PR 

- he Summer days of Wimbledon are long over, but you can recapture all the thrills (except getting soaked) with MAD's Grand Prix Tennis. It's a one or two-player game which very sensibly
 sports $\operatorname{sim}$ delivering a good dose of action for the money

GRAND PRIX TENNIS Label: MAD
Author: Garry Hughes Price: $£ 2.99$ Memory: $48 \mathrm{~K} / 128 \mathrm{~K}$ Joystick: various

includes a full explanation of the rules of tennis, even down to the most obvious ("tennis is played between two players. one on each side of a net


# STRATEGY simulation 3 REVIEW 

appear in the construction option．You can position your track anywhere on the screen and then cycle through all the possible road sections until you find a piece suitable for connection．You can，obviously， make your course as easy or difficult as you wish，before saving it to tape．The＂racing＂ side of the tape can then be played，and your tracks loaded in and played．


## IW Tre $\mathbb{N I S}$

The screen design is fairly realistic，with an isometric view of the court and the umpire sitting on his little tower．The court＇s yellow，the players are

tight package．Well put together and easy to use．It＇s attractive to look at，too，but I wonder if people can really be persuaded to part with $£ 10$ when there are similar budget games around lacking only the course designer aspect．The resulting question is，is the track designer worth about $£ 7$ ？

FAXBOX
Elegant though pricey pack and race game． Would have been better at $£ 4.95$ including editor CHAMPIONSHIP SPRINT
Label：Electric Dreams Author：Catalyst Coders Price：$£ 9.99$
Memory： $48 \mathrm{~K} / 128 \mathrm{~K}$
loystick：various
Reviewt： Reviewer：
大 九木 九

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## PIXIES IN A BOX

Dixie-bashers everywhere will be pleased to see a veritable dungeon-ful of new releases from RPG (Role-Playing Game, dimbo) specialists Games Workshop. Fans of the fantasy scenario Warhammer will want to get their hands on the Character Pack, which includes rules for creating new characters, and fifty specially designed sheets to record all their most intimate details. Also new is Griffin Island, a companion volume to the Runequest scenario. This lavish hardback book features a colour map of the island, plus ten fulllength adventure scenarios and hundreds of details of characters, monsters and places.
For miniature collectors (or even full-sized ones, ha-ha), there's the Warhammer Fantasy Regiments pack from Citadel Miniatures. Orcs. Dwarves. Elves, Skaven. Goblins and

U
controlled gun platform. Five operator figures are also included for your $£ 9.99$

For novice gamesters, the Talisman Timescape expansion set adds more locations, character cards and playing pieces for the popular fantasy board game.

For more details of these and oterh Games Workshop products, send an s.a.e to Games Workshop, Chewton Street, Hilltop, Eastwood, Notts.

CHRIS JENKINS


## VASTLY VIABLE VIDEO VOYEURISM (?)

## 1) STAR WARS

 What do you mean This is the best movie ever made, ever. Even better than Gone With the Wind. 2) TOM \& JERRY£6.99


More vintage ultra-violence from MGM's favourite sociopaths.
3) 48 HOURS
$£ 9.99$
Eddie Murphy was great in his time, and this is right in the middle of his time.
4) CHOSTBUSTERS £9.99 I don't care if you recorded It over the Chrimbo period, buy it.
5) BEVERLY HILLS COP $£ 9.99$ Murphy stars as the supercop who teaches Beverley Hills how to realfy pollce the city.
6) KISS EXPOSED
£14.99
Well, I had to put them in, they're fab and the video has interviews, songs old and new and lots of women (or that's what the blurb says, anyway). What more could you ask for?
7) BROTHERS INARMS $£ 9.99$ Dire Stralts are the second
best Sheffield band around, second only to Def Leppard (Good God - Ed) and the video contalns four tracks from their best album to date.
8) MOONLIGHTING
$£ 9.99$ The feature length pilot episode. A lot better than most of the recent series.
9) MADONNA LIVE £11.99 Don't worry about her recent image, this video is taken from the Detroit concert during the Virgin Tour and, wow, is she hot.
10) THUNDERCATS HOI THE MOVIE

E9.99
I'm not normally a fan of cartoons but the backdrops and the animation of TC far surpasses its rivals.

Chart complied by Tony "Please can you stop inserting ridiculous comments etc" Dillon.


## GOING

What is Labyrinthe?
Who is she? (Quit babbling and get on with it-Ed.) Labyrinthe is real life role play, in the genre of Dungeons and Dragons, set underground in a large area of caves.

During my first session, my party and I had to recover 6 missing headbands for a wealthy merchant, for which he would pay us $\mathbf{1 0 0}$ Grulls (the Labyrinthe currency) apiece. We played the, whole adventure in one of the cave's 8 areas which, though small, took us almost 2 hours to navigate. It wasn't easy, due partly to the almost total lack of


Six soaraway super saucy surprising sensuous

1 April Fools . . . only last until $\mathbf{1 2 . 0 0}$ midday. After that you're supposed to come clean. Famous April Fools have included the BBC programme about spaghetti farmers in central Europe, and the report in SU about the Sinclair Microlight aircraft project. Both
seemed blummin' hilarious at the time, but obviously don't stand the test of time.
2 April showers . . . in the league table of wet months of the year, April actually comes out drier than most. April comes in at number four in the Least Rainy Charts, after February



UNDER
light, and partly to the simple fact that . . . we were not alone. Hideous Ores, Trolls and various forms of undead (ie Zobies) inhabit the caves and you're the prime ingredient of their favourite sandwiches. Played by regular adventurers, they leap from complete darkness, hit you vielently (but painlessly) and then run away with ear-piercing shrieks. You, of course, must battle with them usling the weapons suppliedt. These weapons are fantastic fun to use and perfectly safe. Made from a mixture of foam and tape, they're great for swinging and thrusting, and make combat almost real.

The game is rich with atmosphere and I think that this is what really made it for me. What a game, eh?
LABYRINTHE can be contacted by getting in touch with Garner Adventure Tours Ltd, 11 Greenacres Close, Farnborough, Kent PR6 7 TS , or by ringing 068955851.

Tony "The Dork" Dillon

TOP 10 T-SHIRTS

1) Housemartins £5.99 The gruesome foursome's RIP testimonial T-shirt
2) Batman!
$£ 5.99$
Na-na-na-na, na-na-na-nanaah! Choice of $2-\operatorname{logos}$ and portrait
3) Platoon $£ 5.99$

Olive drab Grunt's portrait from the hit 'Nam film.
4) Virgin

Had to be in there somewhere tasteful logo, choice of colours.
5) Dennis the Menace £6.99

A small price to pay for a portrait of the Menace and Gnasher
6) Brute!
£5. 95
My head EXPLODED when I wore the T-SHIRT of the VIOLENT comic!
7 The Beatles $\quad \mathbf{~} 5.99$ The other Fab Four. They still aren't reforming though.
8) The Mission
£5.99 Gothic doom-rockers suddenly back in fashion.
g) $\mathbb{U 2}$
£5.99
The Joshua Tree - more moaning and lousy haircuts.

10) Michael Jackson £6.99 Bad? He's bloody terrible if you ask me.
All available from the clothing seciton of the Virgin Megastore Chris Jenkins


Demember how the Sega, Nintendo Mand Atari games systems were supposed to change the face of games computing? Well, what a load of codswallop. It appears that in the UK at any rate, people pre-

ferred to buy a real computer.
The Nintendo has done astonishingly well in Japan and the US, selling about 13 million in total, but came nowhere near Spectrum sales in Britain. Its importer Mattel has now handed over to NESI, with the intention of starting afresh with the Ninfendo in the UK, and bringing some of the newer software over here.
Mastertronic has had more success with the Sega, which according to Tronic's Geoff Heath has outsold the Nintendo by about 5 to 1 in the UK. The Sega has the advantage of having Sega software available for it; thus the console version of Outrun has sold around 8,000 units and Afterbumer will be released shortly.

Compared with Spectrum software however, the games cartridges are absurdly expensive, at between £20 and £30, and the range is tiny - there are only about 30 titles available for the Sega. And, of course, you can't Poke a console game.

CHRISTINA ERSKINE

THOROUGHLY RIDICULOUS
HEADWEAR \# 1 (NOT A SERIES)
$1 \mathrm{~V}_{\text {ambition to to be able be your }}^{0}$ ate people you dislike with a single cool malevolent glance. Well now you cant
Glazers, from RTC, are the first in a series of water-based toys which bring a new dimension of hipness to the noble art of water fighting. Glazers are plastic moulded space-visors with adjustable headbands, supplied in pop
colours including shocking pink, evil black and putrid yellow. Mounted between your eyes is a nozzle, from which leads a long tube to the pistol-style water tank. The German-designed trigger pump shoots a powerful jet of water up to 30 feet, so allyou have
to do is look at your target and pump away for instant sploshy fun. Now no-one will dare to offend you, and you can walk the streets safe in the knowledge that anyone who steps out of line will get all wet.
Glazers cost 28.99 from toys stores inoluding Toys'R'Us,

ous stupendous shocking sexy 【UU facts about April
(average rainfall $\mathbf{2 8 m m}$, March (average 35 mm ) and October (39mm). Average April rainfall is $\mathbf{4 2 \mathrm { mm } \text { . Who'd have thought it? }}$
3 April Love. . . is the name of a record by Pat Boone, which got to number seven in December 1957 despite being absolutely sickening.

4 April Ashley . . . used to be a man.
5 April sometimes has Easter in it.
6 April 5 th ... is Tombsweeping Day in Taiwan.


If there's one thing I maintain above anything else, it's that post people have balls. Not

disembodied heads which fly at you and cause damage which naturally lose you a life, or in this case, time. You have a set time to deliver the letter or ol' LD won't show his face.

The key to solving this game is the tasks, of course, and the key to tasks is objects. Thing contains a lot of objects (Thing the game, not the person) which add up to quite a few tasks. What they all are exactly I cannot say (Softspeke translation - I dunno) but they usually involve à couple of objects and a little common sense.

Travelling around the 26 scrolling levels is no problem for a letter-worn postie like Thing aided, as he is, by his trusty telephone directory Using that, in conjunction with the telephone boxes, that lie
just puny little marbles, but massive black ones that jump up and down in full view of everyone. That's why I like Thing, because it shows everything that I believe in. Stop saying "oo-er" this is a seriously excellent game.

The Thing in question is a
 postperson (of indeterminate sex). No ordinary postperson, no, but a postperson with a very important letter to deliver. It's addressed to Lord Dingalinger and delivering it is no easy matter.

The big $D$ has hidden himself away until our beloved hero completes 10 tasks. 10 whole tasks, I seem to hear you gasp incredulously, surely that's too much for one man/woman/ thing? So, the lurvely people who run the Post Office has given he of the cutesy waddle a political advisor to help him who, as it happens, is a ball. Now no laughing, because this balls packs a mean gun. Why a gun for what sounds like basic postal duties?

Weeell, on the planet, 26 levels (one for every letter of the alphgabet, I'll explain later) there are various Dingalingers. which look like huge

## 1. R TELEPHONE BODK.

## 2. B DITGRBURGER. <br> 3. A UIDEO PLPYER. 4. R CREDIT CRRD. 5. nothing.



## 1. EHRNIIE. <br> 2. ISE. <br> 3. EHCHPNEE. <br> 4. SThTis. <br> 5. RBDRT.

UNDERGROURD.
ZONE ED
DRY uEDNESDRY

around, he can teleport simply by typing in a letter. That's why there are 26 levels. Told you I would explain, I always keep my promises, that's why the bear lets me stay.

This game is superior to nearly all budget and full price games currently around. Magic Knight was the king of budget arcade adventure until now, but thanks to the fantastically cute graphics held in this little bundle of cuteness, Thing
reigns supreme. Take Berk, please, add Bub and Bob, give that cute smile and you have Thing. Large, well animated, Monochrome (that can't be helped) and lovable.
Not only do I give this game the Sinclair User Wassock, the Cheapo of the Month, Game of the Month and the Oscar for best supporting role, I also award it, the very first game to get it, The Dill Thrill. Well done to those nice people at Players


Pardon me ignorance, but the name Choice doesn't really ring any bells with me. How about a bit of background?
OK, well, we've done lots of Amstrad stuff, Daley Thompson and things like that. We also did Hardball for Accolade and California and World Games.
Oh, beng goes the 'stumning neweomers shock' intro. What did you reckon on the film?
I thought it was OK, though a bit too anti-war for my liking. It wasn't really what I expected. To be honest, I'm more of a Robocop sort of person.
An action-ereitement freak, eh? Bet you're a pain to be around on April tst. Have you planned any good gags this year?
Not so far. The best one I ever did was on one of our programmers. One of the guys had been working for weeks to try and get this bug out of a program he'd written. So one night we crept into his room and tampered with his code. We changed the interrupt routine so every few seconds the game would just stop. We left him all day trying to sort it out. It was pretty funny.
That's bordering on mental torture, isn't it? Well, let's not dwell. Are you a fan of the movies as a rule? Well, I'm more inclined to get out a video than go to the

## Top Five Films

## Robocop Lethal Weapon Short Circuit <br> Predator <br> Commando

cinema, but yes, I do enioy them.
Software companies are always mouning about the difficulties they have when organising a lieence. Did

What sort of magazines do you read?


COLIN GORDON

0cean may well be basking in the glory of its Platoon licence, but it's the boys from Choice Software who were responsible for all the clever programming. We thought it was time to give credit where credit is due. We flew out an undercover agent to Ireland to quiz Colin Gordon - the Platoon project leader - about what he really thought about world shaking issues like April Fool jokes and Mary Whitehouse ...

you have any difficulties getting staff for Platoon approved? Not really. For the most part they were pretty good. They didn't insist that the characters looked a particular way or anything. We had quite a lot of freedom.
Have you got any partieular culinary tastes?
I like Italian food at the moment. Pizzas and all that. I'm not so keen on fish at all. Drinkwise I like Corrs, which is an American beer. I can't stand Guinness. Horrible, dark stuff. Is there anyone you admire?

That's tricky. I don't think there's anyone that I admire, as such. I quite envy people with stacks of money. No, maybe envy is the wrong word. I don't begrudge them it, but I wish I had it instead!

## Staying with TV. What's your favourite advert?

Not Tatler, I presume?
No. I try to steer clear of computer magazines except for a brief glance, so I tend to read science fiction and wargaming mags.
How did you get started on this programming lark?
Like everyone else; with a ZX81 from Radio Shack, just for curiosity's sake.
There must be a certain degree of prestige to be had from converting sueh a big lieence. How did you come to do the eoding? Well, there wasn't really any competition, as far as I could tell. Ocean were quite impressed with our work on Mutants, and so when Platoon came along, they offered it to us.
How many more films do you think can be milked from the Vietnam thing?
Lots, I hope. I can't see them ever stopping. There are so many possible points of view to put across. I haven't seen the Robin Williams one, Good Morning Vietnam, though. It didn't really appeal that much.
What were you particularly good or bad at at sehool?
I was pretty good at Maths, but hopeless at English. I hated all forms of sport, too.
Are you still as unkeen on physical exertion?
Well I referee American
Football matches now, actually. It can be pretty hairy when you've got ten guys, all much bigger than you trying to persuade you to change your decision.
Who's your least favourite person in the world?
Got to be Mary Whitehouse. She was responsible for taking Miami Vice off the air.

> The Heinz Beans one with Margaret Thatcher. That's great.

Welcome to H.T.H. Welcome to a special "all stars" edition - in which well known megastars pass on their wisdom.
Thanks then to Damien Scattergood who's contributed the


## DO YOU SCROLL THE SCREEN REALLY

This is from John Wildsmith:
It is a common misconcepfion that scrolling a Spectrum screen horizontally in a game actually involves scrolling the screen memory. While you can do it this way, what actually happens is that you get so many ripples down the screen it's like looking at a picture reflected in a duck pond. This is because the up-date is too slow.

A faster and much more efficient way is to store all of your graphics pre-rotated into all the necessary positions and bang 'em on the screen as quickly as possible. For example, if you wanted your background to appear to move 2 pixels at a time you would store 4 versions of each graphic block where each is offset by 2 pixels from the last
ie, 0, 2, 4 and 6 pixels. While this is a good deal more wasteful of memory than a simple screen scroll routine it does have the advantage of being damn quick.
Obviously a $16^{\circ} 16$ pixel graphic block needs to be scrolled into a $24^{\circ} 16$ pixel block for it all to fit. If you have a background made up of these blocks, in order for them to combine they must be "OR"ed together at the edges, and it usually helps to have a strip of black ink and black paper altributes down the edge of the screen so you don't see the ragged edges. However, if you can spare the space and time it's quite easy to clip the blocks to form a neat edge.
The fastest way to do the whole job is to store all the
screen data addresses in a huge table, so that you can get at them easily, wait for frame flyback (by doing a HALT), and put everything on as quickly as possible. This is known as 'chasing the raster'. Probably the fastest way to do the actual writing to the screen is to move the stack pointer to the start of
your table and "POP" the values off it, having disabled interrupts first, although this does mean intermingling your screen addresses and data addresses.

Have a look at figure 4 to get an idea of the code required. Two screen addresses are used, one for the top 3

Figure 4. A sample routine to scroll the Spectrum screen DW graphic, screen address1, screen address?

## START

> DI we don't want interrupts upsetting the stack
LD (SPMOD + 1), SP ; store the stack pointer for later LD SP, TABLE 1 ; point it ot our table POP HL ; get the address of the graphic POP DE ; get the screen address to dump it ot
LD B, E
LD A, (DE)
OR (HL)
LD (DE), A
INC L
do this 8 times
INC E
LDI

A question from John Oliver of Melbourne.
Over to Damien Scattergood:

There are in fact quite a few ways to read the keyboard. The simplest way is to use the Rom reutines to read the keyboard but the routines are inevitably slow in execution and, of course, you cannot adapt them to your own purposes. The quickest and most efficient way of creating a keyboard reading routine is to scan the keyboard directly.

The Spectrum keyboard is made up of 40 basic keys. The map of these 40 keys is 8 blocks of 5 keys each. Each

## DO YOU

block signifies a section of the keyboard such as 'Qwert'. To test a section of the keyboard we must send out the address of the scan block on the address bus and then read in the returned value on the data bus. If a key was pressed then the relurned value will have changed.

To test exactly which key in that scan block was pressed you must test for the specific bit in the returned byte. The value to test against is the keycode. The full list of scan block and keycodes is listed in figure 1.

## Figure 1. The Spectrum keyboard map. For example key

 " $R$ " is in scan block 251 with keycode 8.
$\square$

| Keyboard map |  |  |  | Scan block code |  |  |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- |
|  | V | C | X | Z | SHIFT | 254 |
|  | G | F | D | S. | A | 253 |
|  | T | R | E | W | Q | 251 |
|  | 5 | 4 | 3 | 2 | 1 | 247 |
|  | 6 | 7 | 8 | 9 | 0 | 239 |
|  | Y | U | 1 | 0 | P | 223 |
|  | H | J | K | L | ENTER | 191 |
|  | B | N | M | SS | SPACE | 127 |
|  | 16 | 8 | 4 | 2 | 1 |  |

Load A with the scan block value and do an In instruction from port 254. This puts the block vlue in A. Now And with the keycode, and if the result is zero the key was pressed.
For example to test the " X " key our code fragment would be

ID A, 254
IN A, (254)
AND 4

## JP $2,{ }^{\prime}$ X'PRESSED

To generate a routine to read a specific number of keys for a game we would need a table of values to store all the keys we want to test. To simplify things it would be better if we could store the address of the function we wanted to execute on the keypress as well. This simplifies our program table as it would look like SCAN CODE, KEY CODE, FUNCTION for all the keys we wanted to execute/read.
Next we need a program to skip through this table to test all
the keys. It is probably best if you use HL as a pointer to the table. To read the first key we then only need to do a LD A, ( HL ) followed by an $\mathbb{N} \mathrm{A}$, (254). We then increment the HL register to point to the keycode and use AND (HL). Thus our first key has been tested.

If the key was not pressed we simply move on to the next key. If it was however we have to pick up the program address to execute. The address we place into HL and then we do a JP (HL) to do a direct jump to the function. When the called routine returns it will return to the function which called the key reading function. An example of this sort of program is shown in figure 2.
To scan the keys for our game all that is needed is to call the key read function when required. The major advantage of using this technique is that it is easy to add more keys or to change the keys we require to


## VFAST?

characters and one for the bottom 3 characters to speed things up. If you make you table large enough to handle the area you want to work on and expand the routine in figure 4 you can bung $2 / 3$ of the screen on in 1/50 of a second. In the successive program cycles use the next stage

of rotated graphic blocks until you have stepped through a whole byte. Then just go back to your un-rotated blocks and dump them on the screen a byte further along. Thus you can continually step through your map of graphics in either direction.

Using this method the background effectively becomes a big sprite that animates. Any part of your background that need to animate can be taken

El
care of simply by altering the respective block in your map (eg, doors, exploding blocks). No need to grab backgrounds for any sprites that overlap this section on the screen either because you are constantly rewriting it over anything that was there beforehand.
There are a lot of variations on this method depending on the size of the playing area to be scrolled and how long the rest of the program takes to execute but this is probably the fastest way.
Vertical scrolling on the Spectrum with its three sections of screen memory can be a real pain. This is mainly due to the fact that the sections of screen don't follow on neatly from each other for scrolling purposes. You could scroll the data on screen but it's messy and consequently slow. However, if you use a second screen (a back screen), create the initial picture and copy it to
the front screen, then to create the scrolling image you just take data from further up/ down the back screen and wrap round to the other extreme of this screen. Update the back screen just above where you're taking the picture from and the new data will be added to the top/bottom of the display. Downloading the back screen to the front screen can be achieved very quickly and only a small section of the back screen data needs up-dating.

A similar method can be used for horizontal scrolling but it's not as fast as the first method described.

A lot of people moan about the way the Spectrum screen is laid out, but when you've got to move around it fast it turns out to be a damn good layout, so get writing those megasmooth and fast 4 way scrolling shoot 'em ups!

## JOHN WILDSMITH

## ()) READING THE KEYBOARD IN YOUR GAMES?

Figure 2. A keyboard scanning routine which reads any one of 5 keys. The scan block code, keycode and function identifier for each are held in "TABLE" only part of which is shown here

## KEY READ: <br> LD B, 5

KEY LOOP:
INCHL

NO PRESS
LD HL, TABLE
LD A (h)
IN A (254)
; 5 keys to read
; scan code ; test key

## AND (HL)

; key code
INC HL
JR NZ, NO PRESS
LD E, (HL)

INCHL
LD D, (HL)
EX DE, HL
JP (HL)
INCHL
INCHL
DJNZ KEYLOOP
RET
DEFB 253, 1
DEFW GOUP
DEFB 251, 1
DEFW GÓ DOWN

REST OF KEYS ;GOUP FUNCTION
; address ; place in HL
i. iump to the function ; place in HL
; jump to the function
$\qquad$

; 'A'
: ' $\mathbf{Q}$ '

be tested.
There is one value left out of the scan code table in figure 1. This is 0 . If A is loaded with 0 then the whole keyboard is read. However, if a key is pressed we cannot distinguish which part of the keyboard was pressed. Although this might seem useless it can be put to good effect in a "pause $0^{\prime \prime}$ or "wait for a key press" routine.

## Figure 3 <br> Demo

## 10 CLEAR 29999

20 FOR $F=0$ TO 73: READ A
30 POKE $30000+$ F, A: NEXT F 40 RANDOMSE USR 3000
50 DATA $62,2,205,1,22$ 205, 59
60 DATA $117,195,53,117,65,33$
70 DATA $82,117,126,219,254,35$ 80 DATA $166,35,32,5,94,36,86$ 90 DATA $235,233,35,35,16,239$ 100 DATA $201,251,1,102,117,253$
110 DATA $1,106,117,223,2,114$
120 DATA $117,223,1,110,117,127$
130 DATA $1,118,117,62,85,215$
140 DATA 201, $62,215,201$
150 DATA $62,82,215,201,62,76$
160 DATA $215,201,62,88,215,201$

The code for a complete routine to wait for a key press would be
LD A, 0
; all

## keyboard

PAUSE: IN A, (254)
CPL
AND 31 ; test bits JP NZ, OK ; exit if key pressed JP PAUSE
OK:

## REST OF CODE

Finally, figure 3 contains on example program written in Basic for reading the keyboard based on the method listed in figure 2. The keys it uses O-P, Q-A, and SPACE. It will print the letters L, R, U, D and X when the keys are pressed.
DAMIEN SCATTERGOOD
Next month I'm pulling in a couple more ace programmers with their fips. In the meantime - keep sending those letters. Bye!!!

## I'VEGOTTHISPROBLEM <br> En Brother HR5 printer (RS232 version) is

## WHEN

 Bud Interstate 31 joystick to the back of my Rotronics Wafadrive it won't work until I initialise it. Why is this? Also do all games work with a Multiface 1? I'd like to buy one, but only if it works.
## Andrew Kidger

Bassingfield Nottingham

- The Wafadrive's internal workings (getting technical here) use the same addressing as the interstate, and so it's by no means sure which of the two add-ons will respond to an IN 31 command, the command games use to read a joystick. Once you've initialised the unit the circuitry is set up to allow another add-on (like the Bud) to work properly.

The batfle between games writers and Mulfiface One is, as they say in the US of A, an ongoing confrontational sifuation. Every so often, somebody writes a game which tries to spot any Multiface connected and then not run; then Romantic Robot modifies the software so that the countermeasure doesn't work.

MYBrother HR5 printer (RS232 version) is
connected to my Spectrum 128 via the RS232 socket using an RS232 lead. Are they compatible? If they are, how do I get them to work? Should I have the Brother set to 7 or 8 bits? And, what does that mean, anyway?
Mike de Wenk
Amsterdam
Holland

- Yes, they are all compatible. You will have to set your Brother to the following magic numbers by the Dip switches inside your printer. The speed at which the Spectrum operates is 9600 baud (that's bits of information per second). It uses 8 bits, as opposed to 7. RS232 sends information one bit at a time. As the computer holds characters in sets of eight bits, it has to send them out in a group, so that the printer knows when a new character starts and when it's finished. You'll also have to set the printer to one stop bit, and no parity - more stuff to make sure that the Spectrum and the printer agree on when a character has been sent correctly.

MYrecently ased +2 is The only thing wrong is is that it doesn't have a tape recorder volume control. Can one be fitted DIY? Jamie Hughes Clywd N Wales - No, and you shouldn't need one. The cassefte circuitry of the +2 is basically digital, in that it amplifies the signal from the tape to such an extent that it is either high or low, with no levels in between. With an ordinary tape recorder, you need a volume control to set this up properly; with the +2 it's automatic. Any fapes which they don't load are probably recorded badly.

HOWcan I use my Spectrum 128K+2 with an RS232 to Centronics converter and Seikosha GP100A printer? If I buy a parallel interface (or a Disciple), will the GP100A work properly?

## D C Fearns

## Tickhill

## Doncaster

- You might think that one Centronics interface is the same as another, after all it is supposed to be a standard. But, alas, the specification allows for a little leeway in things like voltages and signal timings. The Seikosha expects the signals to be as slow as the specification says they can be, and your parallel converter probably provides them as fast as the specification permits. Result - the GP100A doesn't work, despite all the gear working fine separately.
However, I have seen that printer work with a Disciple, so I'm confident that you won't have the same problem there.


## CAN ${ }^{\text {ifpoim }}$

blower available for the : Spectrum? If there is, can it . do the following: blow Basic into EPROM, leave 48K free for programs, be accessible from Basic, make independent Rom cartridges, be compatible with Microdrives?
Pefe Johnson Dunfermline

## Fife

- Your best bet would be to get a blower which uses RS232. Most of them do, and most of them cost significant money. The cheapest I can find is well over £300. It's much cheaper to build one yourself, unless anyone out there knows beffer?

When you do produce an EPROM, you can use it as an ordinary ROM providing you make sure that the Profram line on the chip is connected according to specification. On the Spectrum 48K circuit board it isn't, but on the 128 and all following Spectra you can plug in an EPROM without worry. But any EPROMs you plug in have to be totally selfcontained - they can't call any routines from the Basic Rom. As for blowing Basic on to a chip, with an RS232 blower it would be a simple mafter of Peeking the existing Rom into Ram, making any mods you wanted to and blowing it out your RS232. But any EpRoms you cook up like this can't be given to anybody else because of copyright.

Finally, if you want to mess around with driving hardware with homegrown Roms, I recommend the book The Spectrum Hardware Manual, from Melbourne House. If you've got a tricky hardware problem, no matter how personal, write to: Dr Rupe, Sinclair User, Priory Ct, 30-32 Farringdon Lane, London EC1R 3AM.


Suit up, grab your turbo laser, sling on your jet-pack and get ready for the ride of your life. It's here, the eagerly awaited sequel to that arcade classic Sidewize


##  <br> or, if you are playing with a

 friend, Sergeant Chanders, you fly to save the Earth from the dreaded force of Bozon.Unadulterated violence is all well and good, but one puny little laser isn't going to have much offect in the long run. So, just to make the game a little more enjoyable, various upgrades are offered when you shoot special nasties. Things like fan lasers, and extra wonderful mega-bazookalaunchers. Simple things like speed up and speed down exist also, just for those Nemesis traditionalists.
The aliens come thick and fast and some of them are real nasty beggars. The graphics on this game are breathtaking in places. You are wonderfully depicted, but the nasties are the best part of the game. Side Arms is good technically. Graphics, sound and playability are all there, though it is a little hard in places. Probably OK for when you've got a little time to kill, but I don't think I'Il go looking for it

## Lock-On

Adrift in the ocean of 3-D coin-ops came the hugely underrated Lock On. While most of the machines - After Burner, Thunder Blade etc placed you in the bizarre position of viewing your aircraft at the front of the play-area, Tatsumis game boosts far more realism.
The screen is simply the view out of your cockpit, which scrolls around to follow the movements you make with the semi-circular ioystick affair. In the centre of the screen is your targetting system.
The bad guys come at you from start to finish. In the first place i's not too bad, but just as soon as you've got the hang of hauling the aircraft around, all hell breaks loose.

Fighters scream out of the sun at you, firing huge red missiles straight at your head. You can dodge or shoot these down, but whalever you do,
never let them out
of your sight.
The graphics
throughout are


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S8149 RIGESREVEN
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## JOYSTICKS AND PERIPHERALS AT SILLY PRICES



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## PERSON

MBMORANDUM Kamikaze P. Bear 25634377
FROM: Colonel Kra at all battle zones
FROM: Coloner keaders at all battle zones
TO: SU Real
DATE: APRII 88 No slouching in the ranks. Attention all troops. No slounikaze P. Bear has a plece of Your beloved Colonel, Kassibly extremely lucrative, new highly important, and allies, the boys at Ocean soment in to impart to you. Our roviding us with enterlale game have recently beon order to boost moraie, in order to ensure that spacey (DSO, Ford platoon. And now, inallion, Sergeant Garee to partake in a high within the batamering us the chance thoodies. The Anglia and Bar ) is various platoon bloon 'Standee' (large competition to win will receive a platoon the soundtrack first prize winners wopy of the game and the away a copy of cardboard man), a coplize winners will take Ten third prize album. Five second soundtrack from the T -Shirt. the game and the souncive an Ocean T-Shirk. winners will aise wishing to paricnal - wait for it... Right. All When I give the signal - name and address orderly queue. Wuestions below, fill in COMPO' SU Competition answer the question to 'PLATOON COMP Road, Holkham, Orton, Mega Control, 14 Holkham
Peterborough, PE62 OUF.

## THE QUESTIONS:

1. During which war does the action of Platoon take place?
2. Name Charlie Sheen's famous actor brother (who doesn't sound like his brother at all).
3. What is the name of the film that Oliver Stone directed immediately before Platoon?
THE COUPON
Name
ADDRESS $\qquad$
$\qquad$
$\qquad$
4. 
5. 

Closing date: 30 April 1988.
No employees of EMAP or OCEAN may enter, otherwise we'll send Sgt Barnes round to sort you out!



ARCADE
've heard of being conceited, but this guy really goes too far. I mean, just get a load of this plot. You're trying to quench the reign of terror laid on by an evil ruler whose name is Teladon. Hence the name of the game, you may think, but read on. The moon he rules is also called Teladon. (I bet anything you like the big head named the moon after himself. I
TEL wouldn't be surprised, you know what these megalomaniac leaders are like). It's a wonder we don't live in Thatcherland, oh yes, a little bit of politics, a little bit of politics, very funny, I, don't, think (quick Ben Elton impersonation there)!
You set about destroying the evil ruler simply by building a bomb. How do you build a bomb? Well, first you've got to find the pieces to make it. These pieces are hidden deep in the bowels of the game, which represents the most impressive technical breakthrough seen on the Spectrum for several years. Why do I say this? It's because the game is set on 2 entirely different environments, giving the game a unique variety in gameplay. This is what the blurb tells us.
Now let me tell you what the game really has. Yes, it does have two sections, both entirely different but neither are really wonderful. The first section has you flying down a long canyon avoiding walls and nasties, looking for the lift down to the second section. Lift? More like a hole if you ask me!

Take a look at the screen shots on this page. Look very nice, don't they? But to be honest, it's not very nice to play. The bike is very hard to steer and the cross hairs which control your laser are very, very difficult to use. You find after a while they move to the top of the screen, and as the control to make them come down is the same control to stop the bike, you find yourself stopping and starting a lot. Also, when you are travelling at high speeds,


The second level is also 3D but we're talking 'isometric here. Your hoverbike has turned into a plate with a bit of lego on the front and you are even more uncontrollable than you were before. For some reason, the

you can be easily knocked into walls in such a way that you lose at least 3 lives before you've even moved. Very frustrating.

 receive high menough to
TELADON merit Label Destiny Softwa
 Memony $48 \mathrm{k} / 128 \mathrm{~K}$
Ont
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,one.....ious
computer can't make up its mind which way the joystick controls are meant to move. And, in this part, you don't get a gun either, you can only duck and punch. Booorrrriiiinng!
One thing that springs to my mind is that Teladon, despite all the blurb, doesn't really give Spectrum owners anything new. In fact, I found it to be very much like 2 average budget games stuck into one full price game

## Sillculiti <br>  <br> Fife. Steven Westwood, Blshop Auck-

## STAR WARS

Abig thanks this month to all those wonderfully kind readers who pointed out to us that we made a mistake in the Star Wars Compo in January. Yes, question three was a tad misleading, we wanted the name of the big robot, not the small one, and well done to all who spotted the error. Not that any of you won a prize for it, but there you are.
The answers in full then were, (A) The first planet destroyed by the Death Star was A/deraan; (B) The actor who played Darth Vader was none other than the Green Cross Code Man, Dave Prowse; and (C) The name
of the Robot (small or large) was C3PO.

Ten lucky readers get a video of Star Wars, and they are:
Chris Millar, Dumfries. A 」 Sproston, Cheshire. Roger Enes, London. Adam Wilde, Leicester. Nigel White, West Midlands. Mark Payne, West Midlands. Simon Lennox, $\mathbf{N}$ Ireland. Andrew Heals, w/itshire. Christopher Longley, Wiltshire. William Shaw, Dumfriesshire.
And the following one hundred people who also got the questions right zoom off into outer space on a Star Wars poster:

Gary Bright, Northants. Owen Mot-
ley, N Yorks. Mark Saint, Merseyside. Stuart Stephen, Scotland. Dean Ballard, Warwickshire. William Rowe, Nairn. Robert Robertson, Rosshire. Nicholas Meforan, South Humberside. Xavier Bristow, Barnstaple. Wayne Reeves, Wilts. Daniel Pearce, Somerset. Simon Slater, Co Durham. G O Kermeen, Isle of Man. George Aslanis, Kent. David Haffner, Redditch. Tash Schrader, Great Yarmouth. Michae! Clark, Glasgow. Benjamin Tan, Cheshire. Christopher Mead, Kent. Mark Emra, Cambridge. Clive Jenner, Great Yarmouth. Neli Granshaw, Berkshlre. Dave Bunce, Middlesex. Richard Cooper, Essex. Glacomo Shimmings, East Sussex. Jamie Wilson, Bristol. A Van de Burgh, Stoke Gifford. Phil March Surrey, Robert Dabell, W/arwickshire. Richard Walters, Kent. C Stone. Avon. Jonathan Lock, Kent. J K Marston, Dorset. Anthony de Soyza, Fife. Ian Downey, Kent. Karl Fudge. land. David Coverley, Cleveland. Derek Cross, Cheshire. Paul Morgan, Dyfed. A Dealsall, London. Charles Allen, Derby. W/ A White, Oakham. Darren Green, Norfolk. Paul Miller, Lancs. Lee Reveley, Coventry. Roger Buckley, Sheffield. Henry Rowe, Cheshire. Paul Day, Cheltenham. Francisco Assis Rosa, Portugal. Colin Griffiths, London. Matthew Greenep. Nr Lancaster. D Mitchell, Kent. Paul Bayford, Norfolk. Lloyd Wood, Peterborough. Richard Davenport. Macclesfleld. Kenny Allsop, Wakefield. Paul Dean, Suffolk. David M Ackriyd, W Yorks. Andrew Green, Staffs. Michael Davies, Lancs. C Knight, Derby. J Austin, Kent. Alan Holmes, Yorkshire. S Hilder, Essex. D Ravenhill, Wolverhampton. 5 W/estlake, Surrey. Gary Bond, Co Antrim. Douglas Patterson, Glasgow. R Clarke, Leicester. D Worth, Cheshire. Robert Stolk, RA Heemskerk. James Wating, West Sussex. Jullian Nelberg, Wiltshire. Gordon Eaddie, Glasgow. Dave Bassom, Kent. Tim Peers, Staffs. Martin Dean, Oxford. Richard Stratton, Wilts. Jon Simcoe, Northants. Pete Farrow, Manchester. Mark Fossey, London. Graham Horn, Bristol. Craig Marr, Sheffield. Phillp Rankin, Lancs. Robin Yates, Dewsbury. Stephen Pell, Bolton. Jonathan Barr, Belfast. Arjen Otto, Holland. $\$$ Bennett, Kent. Edward Evans, BirmIngham. David Crozier, Tyne and Wear. Peter Stacey, Derby. Mark Wheeler, Cambridge. Spencer Allen, Herts. P A Lavender, Merseyside. Michael Stanley. Cheshire. Allart Etienne, Belgium. Brian Akerne, Ireland. Robert Horton, N Yorks.

## EYE OF THE STORM

J
anuary saw the Incredible Eye of the Storm Competition,
which was all down to the luverly boys at Incentive. We gave away one spooky Eye of the Storm machine which hurtles weird gases around in a glass dome and impresses people no end. We also offered the chance to win twelve copies of Driller, with posters and stickers, and a
further fifty people got stickers and posters. The answers to the Arrange the Logos in Chronological Order Compo were C, D, A, B.

## First prize winner was:

 Stuar Munro, Kent.Second prize winners (all twelve of them) were: C. W Monk, Kent. Robert Hambleton. Cheshire. Robert Horsell, Wiltshire. Charles Allen, Derby. David Wilson. N Yorks. Richard Walker, Norfolk. Ian Croft, Lancashire. Barry Renwick Glenocail. Richard Swann, Surrey Mark Jones, Bournemouth. Paul

Morgan, Dyfed, Matthew Hunt, Warkwickshire.
And the following fifty people get the stickers and the posters:
David Purkess, Hants. Johan Gustavsson, Sweden. W Cordingley Kent. Thomas Ledner, Oxford. Andrew Tayior, Cambridgeshire. Ken Barlow, Clwyd. S G Ogleshy, RAF Gayton. D worth, Cheshire lonathan Spaul, Suffolk. Stephen Parks, Kent. I L Thompson, N Yorkshire. lan Mazey, West Midlands. D A Lee-Keow, Coventry. Miha Stoute, Suffolk. Darrel Manuel Mid Glam. S Phillips, Ramstein Air Base. Stephen Jones, Anglesey.


Andrew Rawless, Somerset, C Bean. East Sussex. L. Smith, Hull. Neil Comerford, Coventry, Philip Stanton, Middlesex. Sebastian Sampson, Surrey. Stuart Weston, Peterborough. Matthew Hildred, Halifax. I A Moore, Shanklin. Andrew Nairn, Scotland. M Lashley, Norfolk. Simon Lemnox. N Ireland. M Wright, Wilts. Gary Bright, Northants. Gregory Easton. Nr Sheffield. A H Jones, Lancs. Jeremy Gregg. Hull. Fraser Gartshore, Inverness. C Calverley, Hants. Stuart Shrimpton, Leicester Adam Wilde, Leicester. Graham Parker, Tyne \& Wear, Craig Mcintosh, Scotland. Philip Wyn, Bedfordshire. R I Smith. Preston. Philip March, Surrey. Andrew Hubbard, Tayside. Darren Hendley, Skegness. B Crisp, Skegness. P H Parker, Leeds. Stephen Morris, Merseyside. T Small, Surrey. Marcello Bortolino, London.


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## TIR NA NOG


 back, they're cheap, and they're still brilliant.
The Gargoyle animated arcade adventure trilogy - Tir Na Nog, Dun Darach and Marsport - first appeared in 1984/5. Two things left the reviewers dumbfounded; first, the unpronounceable Gaelic titles, second, the wonderful animation and depth of gameplay, which were so impressive that all three games won high praise and several awards.
Now the trilogy is re-released at budget price on the Rebound label, Hewson's new showcase of blasts from the past. Dash out and buy all three at once, or you must need a new brain.
Based loosely on the Gaelic myths of the hero Cuchulainn (that's pronounced Cahullan, folks), all three adventures, two of the past and one of the future, share a revolutionary use of giant sprite animation which has not been bettered to this day.

## Programmers Greg Follis and

Roy Carter based the frames of animation on sequential pictures of authentic walking; hence the realism of the animation. The
main characters, Cuchulainn and Commander John Marsh, share a loping stride which is so
watchable that just running the demo is more enjoyable than playing many of the latest games. Like the other games, Tir Na Nog has a scrolling grapics section in the middle third of the screen. The hero stays in the centre of the screen while the background scrolls past him.
Cuchulainn's aim is to reunite the fragments of the shattered Seal of Calum. Tir Na Nog - the Land of Youth - is inhabited by many hostile forces, principally the Sidhe. But since Cuchulainn is already dead, he cannot be killed, just dissipated by repeated attacks, at which point he returns to the gate of Tir Na Nog, loses all the objects he was carrying and has to start again. Likewise, none of Cuchalainn's enemies can be killed, only dissipated for a short time - so don't hang around after a fight!

Above the main display
appears a compass and the clues which you will need to locate the fragments of the Seal. Below, inventories of the objects and weapons Cuchulainn has found. He can carry up to four objects, and can thrust with any one to use it as a weapon.

The world can be viewed from any of four directions by changing the, "camera angle" You can also move in any of these directions, following the paths, so mapping is essential. There are also many doorways to caves and tunnels, so you will need to find keys to use these shortcuts. As always, though, the hardest bit is not finding objects, but persuading their owners to give them up ... HINTS

- To successfully attack a Sidhe you need two weapons or one object of power
- You can defend yourself against Cavewights using special objects, the clue to which is given by the colour of the cave - The letters on locked doors are all clues to the location of the key - The library contains the final clues which will solve the game once you have collected the four parts of the Seal. Examine the scrolls, one of which you will need in the final screen


## 

## IC GAMES



## E

bren
up over and over again. Each is accompanied by a symbol and an identifying name in the text window HINTS

- Scores of secondary quests have to be solved in your efforts to rescue Loeg; but there is no set order in which you have to accomplish them
- Every door bears a number, and every street a name, so mapping is straightforward - Behind every door is a room or set of rooms, which may be occupied or empty
- Banking your money is a good way to earn more; getting robbed is a good way to lose some!


ADVENTURE


REVIEW

## MARSPORT

 is very much in the same vein Tir Na Nog and Dun Darach.
While the Earth and Moon are surrounded by a force field, Mars has fallen to the Sept invaders. You must retrieve the plans for improved field generators from the Marsport Central Computer Unfortunately, the computer is very keen to defend itself, and can't tell the difference between you and the Sept

As usual, you have a four-way view, detailed scrolling backgrounds and the opportunity to find and utilise various weapons and tools. You have three main objectives; locate the computer, find the plans and escape. Along the way you'll have to fight the aliens, who are invariably hostile, and robots, some of which are aggressive guardians while others are helpful information gatherers.
Supply units are your main source of useful objects, so look out for them. Lockers can be used to store objects once you have found them. Charge units wil replenish your power, while Factory units assemble two or more objects to manufacture a more useful tool.
Finally, key units and vidtex units allow you to access locked areas and to gain useful information


HINTS

- Approach wall units with care - some are robot storage niches - Map the game carefully - it's even more complex than Tir Na Nog and Dun Darach
- Get a weapon, silly; you won't have much chance against the aliens without one
- Save the game regularly. Like the other titles, it's unlikely that you'll complete it in one sitting



## en

## GRAND PRIX,

$N=$ Fabulous SU Prizes this has lovely people at fabbiest. Thanks to thosesome Nigel Mansell Martech we've got a totally away to some lucky reader. Grand Prix game to giveed racing car set complete It's an all action high spes, ADRENALIN PUMPING with FIENDISH CURVES, TRACK CROSS OVERS and DIGITAL CHICANES, TRACK
LAP COUNTER, CARS and everything you need to get racing!


For the runners up we've got:
15 Totally authentic Matchbox
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- signed by the man himself! GRAND PRIX posters Pretty good eh?

WHAT YOU HAVE TO DO , winning these All you need to do to stand a questions below. Send fabulous prizes is answer form to, "Brum Brum rol 14 the completed answer form, SU Mega Control, 14 Racing Car" Compen, Peterborough PE2 OUF. Clos Holkham Road, ompetition is March 15th. ing date for the competi

## THE QUESTIONS

1 What is Nigel Mansell's highest position in the
Drivers' Championship?
2 Who was the last Englishman to win the World
Championship?
3 Which of these is NOT a famous racing driver?
(a) Jackie Stewart
(b) Jackie Wilson


## COUPON <br> ANSWERS

$\qquad$


## 3.

People who wark for either EMAP or Martech don't get to enter. This includes Tony Dillon. Ha ha


Aspoof on Lords of Midnight sounds like a brilliant idea for an adventure，so where does this one go wrong？
It comes in three parts and was written using the Quill， \＃llustrator and Patch．Your quest is to seek out your companions and go to Cigarash to destroy the frozen crown．
The graphics are simple，very repetitive and take quite a while


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to draw．The text descriptions are brief，consisting mainly of available exits．Spelling mistakes start to appear with increasing regularity and the messages are disjointed and badly constructed．
The author is obviously an admirer of Fergus McNeil and has used a similar style in writing this adventure but， where this worked for Fergus，it doesn＇t work for Keith Hughes of Penna Productions．
The playing area is quite large but there is hardly anything to do．You can＇t examine much and the parser is very limited．In one location you find a bench．If you input＂sit on bench＂，the response comes up，＂Rudely ignoring the location description，Ludo decided to be seated on the bench．＂Input

＂Stand＂，response Ludo， however did not understand a word of that．＂Try again，input


Labo was stamoling at the qucess Gate to the forest．a moantain path lea zis to the monthwest cypa some micins led montheast．Soyth． soztheast can sozithwest led inta the forest．

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Looking cmarizo，Lubo obsemped： Monbio
Ronthona
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＂Stand＂，response，＂Ludo， however did not understand a word of that．＂Try again，input， ＂Stand up＂，response，＂In this direction Ludo could not travel．＂

Surely if you＇re going to allow the player to sit you should also allow him to stand？

Your travelling companions may as well be cardboard cutouts for the companionship they offer；you can＇t even examine them．

As far as gameplay goes， there isn＇t any．The puzzles are totally contrived and the humour is very unfunny．
You seem to spend the whole game travelling from one side of your map to the other to perform one action then it＇s about turn and trudge back to the other side of the map
The one thing I thought was OK in this adventure was the use of sound．Used in a very simple way，but very effectively indeed．

I didn＇t enjoy playing this adventure at all and can＇t find anything in its favour that would make me recommend it to anyone


Get pebble, throw pebble hard up shaft, Switch (to Torch), Examine watch, Enter cave, Enter shaft, Down, Down, Flame on Nova, Look OK everybody?

TThanks to David Thomas for the following hints on Inspector Flukeit. As you and Blunders are limited to how much you can carry, use the car as a collection point.
Blunders is a driver who is a bit accident prone, but is useful for breaking things, ie the vase and the trunk.
Ask the policeman for the whistle in Scunsdale Road. This copper's a bit corrupt. Get the feather duster from the maid and use it to tickle the gardener to make him drop the shears. The gardener also knows about local people and events so get him to examine the tapestry. Take the rotten meat from the fridge and remember to close it or you'll be dead meat. The flies will swarm to the rotten meat. When you find the slab strike the skull, enter the lab and get the acid. Return through Professor Mundle's bedroom.

Igot a letter from Ingrid Bottomlow, she apologised for not coming to see me this month - Phew!! That was a close one! - so she sent some help for part two of Gnome
Ranger and promised to call
in with help for part three in a day or two. (She'll have to find me first)!
You begin part two in a garden where you must Pick the tea leaf, thereby killing the poor Tea Bush, but providing you with your quest, which is to find a way to revive the bush and make a cup of tea.
Go to the library and read the books for some clues as to what to do, and the way to do it. Go to the kitchen and take the seed and the bulb. Plant the seed in the garden. The seed grows into Greenslave which needs to be brought to life. To make the Animate Potion you need the Elder Berry, Thistle Flower, Rowan Berry and Mint Leaf. Take the ingredients to the kitchen and put them in the pot in the precise order given above. The potion will automatically be added to your inventory.

Put the potion onto the Greenslave and plant the bulb in the garden. The Blue Telelily and the White Telelily will appear. To get to the Treehouse you must climb the trees. In order to enable the treehouse to move you must take the compost heap and drop it on rocky ground at times. Send the Greenslave and the Treehouse to the cave then get the Telelilies and trundle off to the cave itself.

When you're all outside the cave then give the Blue Telelily to the Greenslave, send the Treehouse into the
cave and tell it to wait 5 . Ask the Greenslave to find the Stinkwort Shoot and put it in Blue Telelily. Then wait until Greenslave returns with the Stinkwort Shoot.

Some points worthy of note are that anything put into the Blue Telelily will reappear from the White One.

Right, you're on your own now. If you get stuck at the other side of the hedge and you can't work out how to get back. You might find the answer when you're at your Witts End some time.

Better get my 'move' to the Academy organised. I wonder how many applications for apprenticeships I'll get? Academy Contact: SAE clo 78 Merton Road, Highfield,

Here are some tips on Guild of Thieves. If you waste too much time in the boat at the start of the game, then the Master Thief will pick you up and throw you on to the jetty. But you miss 5 points if this is allowed to happen. What you should do is Examine boat, Examine rope, Pull rope and the boat glides to the jetty, simply Enter jetty and the boat moves back out into the river.
Inventory at this point and you will find that you have a swag bag. Open swag bag, Look inside swag bag and you've found your lamp.
Help the old man with the trunk to gain entry to the castle. Keep 'treasures' in swag bag so the Gatekeeper doesn't see them.

Wigan WN3 6AT.


STOP tearing your hair out, you'll be bald before your time! Consult
our quick fire selection of hints, if you don't find what you want hen our quick fire selection of hints, if you don't find what you want then all I can suggest is that you order a toupee!
GUILD OF THIEVES - The rat race takes place in the courtyard approximately fifty moves from the start of the game. If you miss it then you will only find the bird cage. You must bet on this race! DOUBLE AGENT - The first few moves for Agent Number 1 are West, West, South, West, West, then the game opens up and you're on your way to the $£ 50$ prize, so no more hints on this one until the prize is claimed!
KAYLETH - To get through the solid door INSERT DEXTA and become a Destroyer droid then FIRE PLASMA AT DOOR. Wear the lenses, they are so dark that you cannot see so FLIP KNOT, YES. To get back from the rock gullet's stomach RIDE HOOP from the store room location.
LABOUR OF HERCULES - The only way to kill the lion is with your bare hands so STRANGLE LION, the skin it with the knife. The boar is too quick for you to catch so CHASE BOAR and follow it until it gets trapped in the snow. THROW NET over boar and GET BOAR. LIFETERM - Lock the pilot in the storeroom. The wax is to put in your ears. Use the wire to pick a lock, and the money to bribe the officer.
MORON - To stop the wolves getting you drop the meat which you found in the fridge. In the silent room SHOUT. Insert the fuel cell into the droid. To escape from the hole you are told that the exit is not obvious therefore it must be OBSCURE - and so is the puzzle if you ask me!
SHADOWS OF MORDOR - Sam must be carrying the crystal when he goes into the tunnels because he doesn't like spiders. Whenever you, as Sam, encounter the bloated spider, input: GALADRIEL and the spider will retreat.
THE ODYSSEY OF HOPE - Give the wine to the Centaur to get him drunk and he will give you his lyre. When the harpies swoop down to steal the food input: SCARE HARPIES, BANG SHIELD. Burn the hydra to get its teeth. Play the lyre to the King of Hades.



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It's unfortunate that, in the wake of Outrun, it's impossible to see a screenshot of a 3-D race game without thinking that it will probably be a bit disappointing.
Take Crazy Cars from Titus (through Spectrum newcomers Entertainment International). The screen shots make it look fantastic. And its reputation on other


## VENOM STRIKES BACK

$N^{\prime}$ot one, not two, but an incredible three Mask games have now come out of Gremlin. All featuring the hunky, chunky, firm-jawed, dimple-chinned, blond and wholesome Matt Trakker.
Well tell me this, suckers. If the dude is quite so wholesome, how come he's got a son, huh? Where's Mrs Trakker, may I ask?
And there's no use saying, "Oh no, Matt hasn't got a son, you must be thinking of Back Trakker, the famous contortionist," because I know he's got a son, because he's just been kidnapped. So there.
And that leads me, rather neatly I thought, into the storyline of Venom Strikes Back,

Trakker (son of Matt - good thing the guy's surname isn't Black, wh?) has been kidnapped by Venom and has been carted off to the moon. Matt is the only one who can get him back. And no one is helping because it's a Bank Holiday or something.
Each one of the Mask games has been different from the last, and it's nice to see that a licence doesn't necessarily mean half a dozen games that all look alike in separate packaging. Of course Mask III may well look big and hunky now, but it still remains to be seen whether or not the bear likes it.

Streetdate: March. Price: $£ 7.99$


## CARS

machines is impressive, but everyone at ISU still has a strong feeling of "Well, you know what the last one turned out like .
Anyway, there are fewer objects at the side of the road to slow things down, although that does make things look a bit tarren, and there's a bit more depth to the game.

You can work your way up through the ranks from a lowly Mercedes, through a BMW, then on to a Porsche and finally on to the ultimate ego-boost, a Ferrari, driving at increasingly illenal speeds across six stretches of American roadway; Florida, Mew York, Malibu, Arizona etc.
If you manage to get round the track quick eneugh, and den't get eaten by the other boys in the race - forever road-racing, these Americans, aren't they? - you qualify for the next level/car/track.
We'll tell you more next issue. Streetdate: April.
Price: £8.95




THE BARD'S TALE

0kay, so you've already been playing the demo on our tape for hours, but we thought that we'd tell you a bit about The Bard's Tale.
As you can tell from the pic, it's a bit Dungeons and Dragons in essence, what with halls and guilds and orcs and pixies and spells and lots of locations and characters and combat and dungeons and so on.
The game takes place in Skara Brae and its affiliated areas, and the place is so trouser-fillingly full of unpleasant monsters you won't be able to blink for fear of being snuck up upon from behind (ooer).
Streetdate: May

## Price: $£ 8.95$

ALIEN SYNDROME

C
Pan't these coin-op people ever Ustrike a happy medium? Why are the names of the characters always so completely ridiculous?
Take Alien Syndrome, currently being converted for ACE. There you are, battling through thousands of alien fiends, trying to rescue your friends from a space station about to explode. And what names are the two characters you control inflicted with? Mary and Ricky. Mary and

Ricky? How can you expect to grit your teeth and take on slobbery alien monsters when your credibility has been crippled by being christened Mary? Pah.
Anyway, like the arcade game, you've got stacks of alien nasties to defeat and a huge scrolling maze to wander around.
Mo more info as yet, but it doesn't look too shoddy so far. Streetdate: May.
Price: $£ 8.95$
which may well stop all those nasty problems to do with colours being too close together. Never before seen on a Spectrum, this. What happens is Gak! (Windows shatter and CS gas fills the room. Five - or maybe six - masked figures swing in on ropes, butt-stroke the writer to the ground, place a hood over his head and the lights suddenly go out Streetdate: May.

## RINGWARS

For years and years, nay, eons and eons, the Ring Worlds have been grubbing around in a galaxy far from our own, munching their way through uninhablted planets.

They're now trotting fowards our Solar System, hell bent on a spot of annexing and we're in trouble. Mitier just isn't in it!

In order to stop this Intergalactic banquet, it's up to you to get out your squadron and go and fight off the Ring Worids.

Cascade, which seems to be acting as agent for the hungry planets, promise us that Ring Wars the game, will

be a 3-D sort of affair with wondertully detailed vectors. Take a look at the screen shot and see what you think. Streetdate: March. Price: $\mathbf{8 9 . 9 5}$
Mary and Ricky. Mary and Price: £8.95

## SOLDIER OF LIGHT <br> Yain. Your mission is threefold. Firstly, to

wear one of those natty little orange spacesuits that hug your crevices and make you all hot and sweaty. Secondly, to blast the hell out of anything that is not the scenery, is not nice, and is not yourself. Thirdly, to, um, ah, thirdly, to ah, oh gosh, did I say there were three things? I must have gone mad, there are only fwo. Oh gosh.

In other words, buddy-boy, the brief is to play Soldier of light, a new licence from those yummy people at Softek. Here we have the first screenshots, and boy don't they look scrumptious?

For those of you who are pushing up your specs and scratching your heads and saying, "Er, that's not Soldier of Light, and if we're going to be correct, let's say it in the original Japanese, Xain'd Sleena, because there's no colour, and we all know that Soldier of Light (Xain'd Sleena), is absolutely chock full of colour, so let's get straight on the phone and ring up those silly SU people and tell them they've got it wrong again," yes, this is Soldier of Light, yes, it is monochrome, and it is also

'There'll be outraged vicars and 1 concerned parents writing in over Target Renegade.

Anyone who remembers Ocean's first game will start to palpitate at the thought of another, even more violent sequel.

In this game, we're promised no fewer than seven different types of bad-guys, ranging from bikers spaced out on carbon monoxide, through seriously domineering women of the night to The Big Boss himself.

The action takes place in a wider variety of locations, too. There are car parks, streets, bars
absolutely fab.
No, you couldn't really hope to recreate all those horrendous colour clashes on the Spectrum, could you (well, not on purpose anyway), and so Softek has gone, very sensibly I feel, for the ol' black ' $n$ ' white magic, and produced a game that looks, from the demo, to be pretty spunky stuff.
Yet another alien clearance program it may be, with several planets to chose from, (picka planet, any planet, I haven't met you before have I sir?) and several different aliens to knock 7 bells out of. But ir's going to be absolutely fab, or you can call me a mongoose.

Streetdate: March.
Price: To be confirmed

and shopping malls, all of which provide atmospheric backgrounds for what promises to be one of the most violent hand-tohand combat games in ages.

The plot, while being largely superfluous, has you, as Matt's brother, hell-bent on avenging the horrible fate which befell him at the hands of Mr Big.

Just in case you missed Renegade the first time around, it's a kind of computerised cross between the Boys Next Door, Rumble Fisb and The Water Margin; martial arts and streetfighting and gangs and bravado.

Streetdate: May.


## Price: $\mathbf{5 7 . 9 5}$ <br> DESOLATOR



US Gold has to be the most absurdly prolific software house in the whole universe all its products are clamouring for as many column inches as we can spare.
So it should be very thankful that we found space to mention Desolator a game which has got absolutely nothing in common of all with Shackled, also from USG, reviewed last issue. Even though they do look exactly the same.
In Desolator, you have to rescue lots and lots of tiny babies which have been trapped behind mirrors by a molevolent force.
There's a lot of punching in this game. You wander around the
five levels, punching mirrors and bad guys and barrels which give you special powers.
Once you've released 9 babies, you turn into an incredible Macho-Man (Da-dacal) and then you can go around punching things into oblivion instead of merely the middle of next week
There are the standard-fare money bags, bonuses and teleports as well, although the big nasties at the end of each level have - we are told - to be seen to be believed.
Right. That's quite enough space devoted to that one.

## Streetdate: May.

Price: £7.99

5

## THE DARK SIDE

Jimmy's campaign for More Normal Names In Games seems sadly to have absolutely no effect at all on the people in The Biz. Which is a shame (Too bloody rightl - Roy the Typesetter), Incentive Software sets a particularly bad example.
The Dark Side, its follow up to Driller, includes no less than FIVE ridiculous titles in the first two paragraphs of the
storyline. Kelars, Evath, Triscuspid, etc, etc.
It's quite a tribute to my immense dedication and patience that I'm previewing it at all (Get on with it, you whining imbecile - G.T.)
Anyway, what with spending so much time and effort on its Freescape 3-D system, Incentive simply had to bring out another game in the same vein as Driller. The Dark Side
takes place just as the Ketars (the bad guys from Driller) are about to take revenge on mankind by blowing the Earth into tiny bits with a big jumbo whopper laser which they've sneakily hidden behind the moon.
You've got to get to the laser before they can put in the final 13 amp fuse and wipe out the whole of the human race.
You're free to move around on foot, assisted by a jetpropelled backpack which means you can put yourself in virtually any position and at any orientation on the planet.
The graphics make Dark Side look superior (though still similar to) Driller, and if Incentive have managed to speed up the gameplay, we could very well be looking at a Classic.

Streetdate: May,
Price: $\mathbf{E 8 . 9 5}$


Bionic Commandos will be one of the first games to emerge from the USGCapcom deal (apart from Side Arms, of course). We haven't got any information at all, but we've got these pics. Thought you might be interested
Streetdate: May.
Price: $£ 8.99$


Wossalthisthen?" In the Works?" Wossat? Well, there's the Prevtew logo at the top, and these all look like pretty exciting games they're talking about, so I s'ppose this must be another incredible Prevtew pade. Well look again, tomato brain. We've already told you about most of these games in Previews already, but owning to their extra fabness, thay're taking a little longer than your average prog to complete. Not wanting you to miss out on any developments well be giving you up to date info on games in progress as woll as nows on the neweys. Good 1deap Yes. We thought you'd agree.

## Mosin' around (nosin' around, nosin' around -For any Young Ones

 fans out there) in Players' highly seoret bits, we came across some marvellously tasty new screen shots of Denizen, and thought, "Gosh, what can we do with these?" The answer was, naturally, to print them, so here they are, in full Technicolour glory, oozing 'ooer'-ness and excitement.You may well be thinidng, if you've got a brain that is, that we've previewed Denizen before,


Software Projeote, eurrently none too unahuffed with itself following the almost rapturous reception reoelved by Btar Paws, is working on a wonderful projeet, which as: the moment is called Anaconcia. It's a mult-atace apacey shoot out which plays at about every orlentation you could imagine. You can fy a space shtp rertically up the serveen. ahooting and bombing, you oan fy a space ship sideways across the soreen, and you can go sideways and diagonally and every other way in a plan-view section, wacking out bad guys a la Commando. And all this in a single load folks.
The boys from the 'Pool say we're looking at a July relense.

Hands up everyone who remembers September? Yes. That's the one, bit windy and wet, nothing very special. Well, it's much the same story with Activision's game of the same name. Apparently it' been shelved, and it'll probably be next September before we see the blasted thing.

## Where Time Stood stili

 seems to have slmost become s victim of fite own titl- Biver since we previewed it wak back last summer, it seems to have beeri caught in a mysterious vortex with no Visible progress. Well, the good news is that we're now looking for a release date around June, so far as we can tell. In case you'd forgotten, it's a 3-D grephicel seroller in the same vein as The Oreat Macape, and it looked darned near complete when we saw it ages ago.As you may recall, everybody expected Ikari Warriors a while back -


ARCADE


## IKARI WARRIORS



despite feeling pretty unimpressed with the overall look of the game.
A quick word on the sound. Whilst on the 48 K it's merely average, on the 128 K it's excellent, in fact it may be the closest to a real 'coin-op' sounding soundtrack l've ever heard and adds significantly to the game.
thari Warriors is very tate, looks fairly out of date and won't be anybody's all-time favourite game, but the gameptay is strong and the action is fast, and that counts for quite a lot in my book. Worth the wait? Just abouti
quite a long time to wait. Is IW worth it? The first thing is the game comes in one of these new giant cardboard boxes filled mostly with air - I think the size of packaging is becoming an kind of software house one-upmanship, but (chortle chortle) it isn't the size that counts
Enough of that. flaril Warriors was a coin-op beloved by many in the oldenish days and It's in the Commando mode of lone-soldier-running-along-firing-all-the-time-blowing-things-to-bits-top-to-bottom-scroll. The only significant feature really is the fact that you can toggte between two players and from time to time grab a tank to do some serious damage.
Do you need a plot? Well, this generai has been heid captive by a band of revolutionaries and desperately needs rescuing. Instead of sending in serious numbers of nuclear forces to blow them away, the forces of truth, justice and the American way have decided to send just you instead, and a friend if you're doing the two player option. Maybe they don't really want this guy back From moment one, streaming hordes of revolutionaries leap on you, filling the screen with the large and small black blobs that stand for grenades and bulfets in this game. You blast



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Gremlin's Quide to Bad Beginnings in Phone Calls if You Are a Computer

## Jounclist

Phone persen says
"I don't suppose you can
help me, but
"Im not very well up on the technical side
"I took it back to the shop. but they weren't very helpful
"I bought Johnny a
Spectrum for educational
purposes.
"I bought a copy of your 'Spectrum Weekly'
"How do I get out of the Goblin's Dungeon
"Im new to computers
"Can you give me just a few tips for Megablaster of the Thirteenth Dimension ...? ?
"Why don't you cover educational programs and spreadsheets any more . . ?' "Ive noticed a mistake in your magazine .

Phone person means
You don't sound very
knowledgeable
Actually, I'm not sure we've wired up the plug properly I hadn't kept the receipt, and the dog had chewed up the the dog had inlay cord
l've been had

I bought a copy of Sinclair User, but I didn't look at it very and closely lass who doesn't know and class who doesn't know and is the Spectrum not will tell me burrise business, then? I can't get off the first screen

I am completely beyond help and nobody will speak

Send me a free game. 1 am a smart ass and will blab to
the Star

GREMLIN'S GUIDE TO HOW TO AVOII EDUCATIONAL SOFTWARE

1 Things to say if your parents ask you about educationa software:
"There isn't any"
"The Spectrum can't run them"
Well, Mirrorsoft used to do some, but it got better"
"Arcade games are very educational, in fact"
2 How to spot an educational program by its title,
a) Mr Wombat Adds Things Up
b) Spelling from Outer Space
c) Manic Maths
d) Screaming Diz Busters from Hell

NB item (d) is either a brilliant arcade game or a heavy metal
LP; all the rest are dodgy in the extreme
3 What to do with any educational programs you might find: a) Erase them
b) That's about it really

4 When is it a good idea to mention educational software? When you are first trying to get your parents to cough up for a new Spectrum, eg. "I'm sure if we got a +3 there would be a lot more educational software for it."

## IMPORTANT TIP

Don't let parents loose in Microfairs, as educational software sometimes lurks in bargain bins.

WEIGHED DOWN BYTHE DAVS ILL-GOTTEN GAINS, KAMIKAZE BEAR TREADS WARILY TO ONE OF HIS MANY HIDE-OUTS


IN A DINGY ILL-LIT ALLEYWAY, A SOLTARY FIGURE PLODS ALMOST UNOBSERVED TO A SECRET LOCATION. OUTLAW \& ADVENTURGR WANTED BY EVERY GOVERNMENT AND ORGANISATION IN THE WORLD FOR CRIMES BEYOND BELEF.....-

FOR AT NIGHT, IT IS A JUNGLE WHERE DANGER LURKS IN EVER DARK CORNER, WHERE THE ONLY LAW IS SURYVAL.... TNE STOMPING GROUND FOR EVERY KIND OF SOCLAL OUTCAST.


## ast' Morthis comefition

Hmmmm . Not too bad really. Gremlin had faith that SU
readers would be able to readers would be able to come up with something moderately entertaining based on wellknown political figures. Moderately is the word, but still Of the myriad entries, "Ying Tong, Ying Tong, Ying Tong, Ting" from 'The Mercenary' was fairly bizarre, as was "This guy hogs the camera even more than Jonathon Woss" from Paul Smith. The winner for all-round right on-ness was "Does your Star Wars program have a unilateral disarmament facility?" Whoal bitta politics, bitta politics there, from Phil Bennett of Bracknall, Berks, who gets this month's big bucks.


## Gation Condetition number 17 ust look at this thing Gremlin has dug up from the very depths of the back of Gareth's filing cabinet. Gremlin finds the picture completely bizarre and full of captioning opportunities. Why the bear? Who are these people? Why does that woman have that funny expression? WHAT AN EARTH IS GOING ON? You decide. Closing date 31st March.

 K Coupon

Name.
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Caption

## 2 in



BACK AT THE HIOE OUT THE BEAR SEES SOMETHING THAT AWAKENS HIM FROM HIS, INNER MOST TNOUGHIS....


AWAKENED HIM TO THE POSSIBILTTY THAT HE HAD BEEN DISCOVERED-BY HIS ENEMIES!


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[^0]:    Ring Wars - A computer game for the Commodore 64. Spectrum, Schneider/Amstrad, IBM PC and Compatibles and soon on AtariST and Amiga. Cassette 59.95 Disk E14.95 IST. Amiga and IBM E19.95).

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