


## The frat

 BAP DUDES ARE TOP HATS: Your Opponents in your Assassins whose skills vil Hinja star-throwing Women Warriors and vicious Guard Dogs. At the end o each level you must overcome the Minja Master in order to progress - some examples of these superhuman villains are: A fire-breathing frat Man, an Armour Clad Giant Minja - who has a disconcerting habit of suddenly multiplying into an army!
 Explostht


Take on the role of avenging angelas you mete out rough justice to the perpetrators of evil and lawlessness. Some of the most exciting scenes ever to fill a
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PART and now when you take up this challenge - PART MAM - PART MACHIME - ALL COP . . ROBOCOP.
$\rightarrow \mathrm{MAN}^{\mathbf{A}}$ GCCCCCCCCCCCCCC DAEM MACHINE



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## DUDES




SPECTRUM AMSTRAD COMMODORE FADK so - WITH and and (



## Meet the SUlings GRAHAM "nasty weazley type"

## SUling

The story so far: After being tropped by Alison SUling for a younger lurver Graham decides to wreak his revenge by being generally dastardly to his whole family. He sets traps for them but unfortunat

they ALL backfire and he is sizzled in the back yard drowned in the indoor pool, so the office and strangled by barbeque, shot on his way oft. 'Amazingly' he survives the lot chicken wire in thgry? Who will he direct his beastly and boy is he angry? Who

## ALISON "pouting foxtress" SU Jing

The story so far: Alison has at least escaped the evil clutches of Graham. The divorce is settled and she has hall his fortune and so with wild abandon she gets stuck int every male in the house, cousins, uncles, great grandfathers, no man is safe from
 this wanton hussy. But Alison has a sordid secret past of ilegnaise. Will she be found and baths

JIM "hopeless boozer The story so far: Jim wakes up in a puddle of gin on the carpet of a motel room somewhere in Detroit. He cannot remember how he got there and decides that 13 bottles of vodka should bring back his memory. He wanders back to the SUling ranch to find the place deserte has his 'loving' family moved
 away without telling him, or are they just down the local liquor store stocking up ready for Jim's return??7??

TIM "flash back" SUing
The story so far: Tim is picture here in black and white as appeared when the series started many moons ago. He is Graham's step-brother from his mother's fourth marriage and disappeared in a dreamsequence in the indoor hot tub last Christmas. Has he really
 gone for good or is he maybe to make his comeback hiding in the septic tank waiti ?????
ress ZAPCHAT Jon Riglar TECHNIADVENTURE The Sorceress Goopert Goodwins CONTRIBUCAL Andrew Hewson, Ruperi 'alien gonk' Jenkins TORS Tony 'chubs' Dillon, Chris 'aline Lee ADVERTISING ADVERTISEMENT MANAGER Karierine AD PRODUCTION EXECUTIVE Martha Moloughistant Debbie Pearson Emma Ward PUBLISHERS ASack' Pratt MARKETING Clive emma Wardrry 'Mr Laid-back' Prait MARKETING Clive PUBLISHER Terry 'Mr' Pembridge
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## Sा IS BACK 44 BACK BACK <br> |ust lurve our readers $\$ 00000$

 Gosh we just lurve our offering Cup Final much! In this ish weys, CD players and the tickets, puffed upanza. You'd think that would Electro extravaganza. Yo things for one be enough jolly ireebie thong. On top of that lot month, but you dold of 20 back issues you can now get hoirst Megatape, just going back love you, we love you all! because we love you, we love you ail!
## THIS MONTH'S POSTER

It's amazing! In previous months we've given you an amazing free poster . . . this month we give you another one! Lordy! It's Renegade III and it's great. This one comes courtesy of US Gold's top in-house artist Bob "I used to do lots of martial arts but my hands got all screwed up so I had to jack it in"
Wakelin! Heavens! So for goodness sake turn to the middle page and tear it out and pin it on the wall and not only will you be able to cover up the horrid cracks you'll be able to practice your high kicks as well.

COMPO
MANIA Win a ruddy marvellous CD player
If you thought ISU couldn't possibly improve on the quality of last month's compo prizes then look at this . . . Not only are US Gold giving you a chance to win a jolly nice Sony portable CD player they're chucking in 10 (yes 10!) Forgotten Worlds compe bargain with the

| SOFTVNARE |  |
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FRONT COVER GAME
Phwooar! Not arf! The indubitable honour of being awarded prime position on this month's cover goes to the lovely lads and lasses at US Gold for the completely blinding Forgotten Worlds. Artwork, as ever, was designed and assembled by the Paris Marsh Design Partnership. We reckon it's one of their best.


FOO'TBALL KERAZEE SPECIAL
SUl's very own Maradonna, Tim Noonan, has put us all into footy training this month. He's taught us how to punch a ref, throw a chair and eat oranges at half time. So to celebrate FA Cup Final day this month we're giving you squillions of footbally things to keep you busy.
There's the Emlyn Hughes International Soccer compo where you can win a ticket to the big day at Wembley. Then you've got three britlo football sims in the shape of Treble Chance, Premier II Superleague and Championship Soccer - we've reviewed all of them (gosh we're good to you - GT).

And just when you thought it was safe to go back on the terraces we hit you with our bumper fax extravaganza -20 Boring things you didn't know about the FA Cup (which are exciting really). You'll have to dribble off to page 69 for that one, so don't delay.


## PREMIER SOCCER

Check the review pages this month, and you'll notice that we've had a bit of an explasion of football games this issu Now, if you don't have a football game of your own, then look no further than the cover of your favourite Spectrum magazine to find none other than E\&J Software's Premier Soccert Cool
So, you've loaded it up and are staring at it in stupefication. What do you do?
The aim of each season is to come lop of your current league and win the FA Cup. Fail on either, and you've got the next season to try.
To win matches, you need the best players available. Each of the players in the game is rated on two points, each marked out of ten. The first is the player's ability in his oreo (Defence, Midfield or Attack) and the second is his fitness. The way that teams are compared before a match, thus more or less stating who is the best team, is by adding up the ability points for each section ( $\mathrm{D}, \mathrm{M}$ or A ) and comparing and then adding the total team's

## 



10

Bit of a weird title, this. I
was expecting caverrien and dinosaurs and Doug Malure iryu alieady mentioned the dinoceurs - yeht. But no, there isn't a fossil in sight. All shiny surfaces and mysterious high-tech aliens. Yes, indeed,

हि०
this is more like the US Gold we know and love them heml No messing about waiting to


JR药 get started here. No thankyou.
armed with the biggest laser Ifle available in Halfords and a pair of sunglasses and haircut to put even the most trendy space-marine to shame. There's a backneek too, to keep you in
the sky - the ground is no safe place any more and the alien will corner you if
pessible, so it's of paramount
importance that you keep nowing first wave of bad guys isn
too bad Streightforward attack waves coming

the
screen.
line up and keep rting. As soon
as you decide to shitt position, though, you'll have to ge to grips with the slightly wack Control options. While the
direction keys carry out thei normal function, moving while depressing the fire button (oh, I'm so depressed) will swing the gun, clockwise or anti - around


## RGOTTEN

As well as the usual hazards of flying aliens and other generally predictable confrontations, you'll have to watch the scenery all the time Huge Gigeresque pillars lurch out of the cavern walis at you, and horrid mechanical cog things grind away at you. Very Metropolis
Attribute caution has been thrown to the wind and there's no problems distinguishing who the bad guys are. Everybody is a bad guy, and they all deserve to die ha HAAAAI
Pretty soon you'll have had about as much fun as there is to
at iny

your wouy, ine screensnots Until you remember to let go of the fire button, which is a bit rough in a white knuckle
everyone-must-die situation, or you become precise enough with the gun-sweep to judge
exactly when to stop moving while still leaving the gun pointing in sensible direction, you'll find the aliens continually crashing into you While your equipment is facing the other way. Fyurk.


be had shooting aliens with
single-shot
TOOL UPI
As if by magic, a shop slowil
rises out of the ground, luring you in with its glowing "Shop sign. Quickly you've got to dive down and go in You'll be presented with icons offering different weapon configs. You

## WORI.DS

know, four-way fire/lasers etc. You can't just get the weapons for nothing, of course, 50 it's a good job whentever you blew away a bad guy on the way you collected the glowing blue globule that he left behind Tokens. The more you collect the fabber the weapon you're entitied to
I like Forgatten Worids. I like it stacks. There's lots to kill, lots of colour and even big end-oflevel baddies to combat. There are also really weird bits when aliens that look tike pleces from geometry sets - copspasses, protractors and the like, perform a nighmarish dance

## Pip mannot



about the screen. They're all a deadly as hell ând need about five shots each to defeat. Once you've taken out the end-oflevel bad guy; each being a minor set-piece, you progress to the next, tougher stage. Graphically it's super, and there's no danger of things slowing down even when
there's loads going on. A corkerili

HINTS AND TIPS:

- Collect the tokens! The more you get, the better weapon you can afford. Always go to the shop whenever it appears. Not only can you get more saucy equipment, but you can take a break from the action.
- Pick the muiti-direction laser whenever you're coming up to the geometry-set aliens, since they fly in circular formation, you can get in the middle and

8는
shoot them all at once.
Always stay away from the
walls. When the pillars and cogs start moving, they'll suck you in and smash you up if




Fill in the coupon, send it to the competition address and Cup Final glory could be yours! Remember - you haven't got any time to waste! ANSWERS: A)
B)
C)

NAME
ADDRESS

Send your entry to: EEEEEH David I'm Over the Moon! Contest, Sinclair User, Priory Court, 30-32 Farringdon Lane, London ECIR 3AU . Closing date is May 31st. David Coleman and all employees of EMAP, Audiogenic/Supersoft and Bouncy Footballs Ltd are completely sent off on this one Brian.


पमतק
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LEVEL 7 - JUNKYARD


| KEY: |  |
| :--- | :--- |
| B | SINGLE SHOT BULLETS |
| MB | MISSILE/BULLETS |
| SG | SCATTER (3 SHOT) BULLETS |
|  | ANTI-TANK CANNON |
| BF | BABY FOOD |
| R | ROGUE (LEVELS 1 \& 3 ONLY) |

[^0]

LEVEL 3 -



## W hen you've been tlving In bear

 country for so long, you become wary of strange caves' someone once sald in a mysterlous and slightly sloshy voice Well, last month, 'as the so-called story goes', ISU hack and well known patron of the arts Jon 'Hello it's Jon' Riglar had the dublous pleasure of hot-footing it straight from his melting typewriter, after completing last month's momentous Zapchat and other socalled 'enterprises' (l.e. doing a bot of shopping at the Co-Op and picking up the latest issue of 'Performance and Ruddy Fast Car') to his local waterhole only to find himself witnessing a beauty contest. Not one to rest on his laurels (because he can't find 'em) Jon, whose ability to bore entire saloon bars to death is legendary. shouted 'Ooooh atmosphere, I lurrvve ah party with atmospheeere and was promptly nominated as a guest Judge. After sitting through a whole ten minutes of rumpold on legs 'performing' like a troup of belly dancers, a suitable warped Riglar did us proud and registered his vote by shouting 'No 21 No 21 ' loudly from the bar in a volce so velvety and caressing that he could announce bingo numbers and make grown men cry. No 2, a local lass (splutteri) called Claire Goulden won of course, so Jon would like to say 'Congrats and good luck in the next round and see you outside the chippy at eight' but as is the 'style' of this cove he will probably say something like Now back to topless darts at Rohampton.' (I'm not printing this sexist garbage Riglar . . . Is that her then? . . . Um . Okay then why not? . . . GTI
## $\pm$

GIVE ME MY RUDDY WVAD JON UPDATE

## Man in charge of writing titles in, bold capitals: Jon 'I'm Brian and so's my wife' Riglar

Bang up to date with this month's map. Mark 'Ere no 'ere missus' Padgham from good old Plymouth (well, it's certainly old, Im not too sure about the good business mind) has mapped out levels 1 to 5 of Technocop. So grab your coples and cast your peepers over the saucy details. for his 'efforts' Mark wins himself (which is a pretty horrible thing to win. Gettit? No? Fair enough) 50 earth pounds and a penny chew. The whole lot should arrive around Christmas time if staff wage cheques are anything to go by. (I shall look into this with our accountant down the cycle shop - GT).


## YES I RUDDY WELL DID JON

 Man who fancies Claire Goulden: Jon Without an h if you please RiglarN That could be more lovely, more saucy, more sexy, more ooodlyscruptious, more anything else you care to mention than opening up the latest copy of ISU (whether It's dellvered by your own local Postman Plod or some breezy little tweating of a schoolgirl) and turning to Zapchat to find your wondrous name and high score has been llterally scratched into the paper which, when stapled together and individually coloured in by Tony 'Tm not goling to bother phoning you up anymore' Dillon goes to make up this wonderful 'tome'? Well, quite frankly, who cares if you can find something else. No, who cares? Yes, who-does? (Don't labour the point - GT) Here at ISU we don't really want to hear about it. Instead we want your high scores, and we want them by the shedfur If you'd be so kind. Everybody who sends their score in will recelve a nice pat on the back and you can then walk around all day feeling very chipper Indeed!

| ROBOCOP | 85,100 | David Aitken |
| :--- | :--- | :--- |
| OP WOLF | 290,300 | David Aitken |
| OUTRUN | $1,377,710$ | Mark Evans |
| $720^{\circ}$ | 122,290 | Mark Evans |
| OUTRUN | $2,502,700$ | Geoff Allen |
| OUTRUN | $1,209,340$ | Peter Vosper |
| ROADBLASTERS | 69,840 | Mark Evans |
| ROADBLASTERS | 89,540 | Bob Goldsmith |
| BATMAN (2) | Completed David Ricks |  |
| BATMAN (2) | Completed Jim Cocks |  |
| BATMAN (2) | Completed Tango 8 (??!) |  |

## Avilable on:

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catd
AMSTRAD $-c \& d$ ATARIST. AMIGA

IBM P.C.


## Hixes milis Nixanizst SON OF A SNALTE 7OU Y EVIFR SIMFNY

GARVE OUT A PATH OF SAVAGE DESTRUCTION AS YOU BATTLE TO STAMP YOUR SUPREMACY OVER A MULTTTUDE OF OPPONENTS. Face Igor the Fearless and his rabld dog amongst the sacred Temples of Moscow. Don't be fooled by ladies of the night, Maria and Belga, streetwise and tonghened in the seedy underworld of Amsterdam. Match the cunning guile of Miguel, master ballifighter and the unvanquished fighting bull Brutus in the splendid surroundings of the Barcelona bull ring. Trade blows with the awesome titan Hans and his drunicen compatriot outside a German oeerhonse. Finally confront the merciless terrorists of the Middle East amongst the battle torn ruins of Beirut.
Tough and mean .... you're the Fuman Killing Machine!


Cor, this has been a while coming, hasn't it. I remember a while back when it appeared on the $C^{*} \mathrm{~mm}^{*} \mathrm{~d}^{*} \mathrm{r}^{*}$ 64. What a game it was. Fast, smoothly animated sprites and stacks and stacks of playability. Now, after many promises, Sanxion - The Spectrum Remix has arrived, and by remix, there are a few remixes. A few changes have been made.
The objective: Fly through the eight levels from left to right blasting all the aliens that appear. You have a time limit, but this only affects the size of the bonus, if any, that you get at


shoot out two. See what I mean.
Another thing that's missing is the adjustable speed. On the 64 version, the further right you moved your man on screen, the faster the screen scrolled. It's

## SANX1ON

the end of the level.
The screen is split into three windows. The bottom one, measuring up to just under half the screen. This is the first of many problems. The middle window is the status window that shows the score, bonus, etc. The top window contains the scanner which is a top view of the game and allows you to see aliens before they appear in the main playing area.
Now, I mentioned there was a problem, and I wasn't lying. The graphics are quite large, and so movement is restricted. This is already affecting the gameplay Now, let's mention the collision detection. I feat that the masking on the sprites may be a little over generous. Bullets have about a six-pixel leaway on either side of the ship, which means that steering your way through anything more than one bullet becomes impossible. Another problem caused by the
collision detection comes to light right from wave one. The first wave consist of a string of five aliens that altogether span the entire height of the screen. Obviously one of them has to be shot out so that you can get past, being as they are the same size as you. But no, I was lying. and you all fell for it hook line and sinker. You actually have to

## 87400




# EMS <br> <br> Ran 

 <br> <br> Ran}

| $\text { Brigas }=$ | $\begin{array}{r} 100 \\ 5 \end{array}$ |
| :---: | :---: |

 ho ya gonna call? Well. not the Ghostbusters. The Real Ghostbusters in fact. It has to be said that I don't really understand the link or difference between
Ghostbusters and The Real Ghostbusters. The most important difference between the games is that the first one which Activision brought out about three years ago was released was deemed to be - pretty good though over-hyped, whereas TRGB has hardly had any exposure so far and isn't as good.

The ghosts are playing up

to the next level.
All pretty straightforward on two fronts. While some of the ghosts are in "ghosty" form and just waiting to be sucked up, most of them are half way between ghostdom and monster-state. They'Il attack you, slime you and otherwise resist capture. The other problem is that there are simply too many ghosts to handle at once. While you're holding down the fire button for a second or so in order to activate the Proton Beam, enabling you

black mask-lines and suffer from attribute clash. I also feel that the nature of the screen layout, half plan-view with a side on presentation of the characters, could well have been improved. Even isometric 3D would have been better than this.

The animation is shaky to say the least. From time to time the guy you control simply appears in anothe! position. I think there's a lag in the motion control and the machine registers your moves without updating the position of the character.

The further into the game you get, the tougher life becomes. You become even more heavily outnumbered and you'll have to start working out where the ghosts will and won't go, and try to herd them into trap areas.
Amongst the oit barrels and wheel-barrows scattered
again. It's
up to the Busters to give them a good seeing to. Well, a good sucking to be precise (Fyak frurk etc). Once you've got them in your sights you whack then with your plasma beam and suck them into your back pack. Once you've got enough ghosts in your pack, you've got to despatch them before moving


to capture incapacitated ghouls, you can't shoot the other monsters which will be attacking you. Some pretty shrewd strategy needed here.
Real Ghostbusters wins and loses on the presentation front. The graphics for the monstert ghosts are fab. They're colourful, and really look like the characters in the cartoon. Unfortunately, they all carry
throughout the play area are these vital objects which make your life just that little bit more bearable (Scoth, fags, etc. AS) like a super-shot rifle and even a friendly ghost which acts as a slimey guardian, fending off some of the bad guys whife you do your work.
So what's the verdict? There are nice touches, but for every plus there seems to be a flaw



GRYZOR Featuring all the game-play of the arcade original, Gyyoor takes you into a thrilling alien world of force fields. fanutict guerilas and strange enemy defence system: - but you have the fire-power and maybe, with a little skill, sit and split second timing you cin infiltrate the aliens' headquarters. Ply Cryror once and you'll be hooked! 5197 Kogarg

## 


KARNOV Join Karnov, the fire-breathing Russian stongmia, on his harardous quest to deleat the evil
 Karnov is a vast 4 -way serolling game that combines both strategy and fast action in nine challenging: leveli of gameplay. it is recognised by arcade addicts fwerywhere as one of the best games of its kind. Karnov also has something special in the way of chancters - five you ever been killed by a skeleton on an Ostrich?
Bticctra Dreann 5stiware Ltd
SPECRTUM
AMSTRAD
COMMODORE


BARBARIAN THE STORY SO FAR..The evill sorceret Drax has agreed that if a champion can be found who is able to defeat his demonic guardians. the Princess Mariana will be released. From the wastelands comes an unknown barbarian, a mighty warrior, wielding his oroadsword with deadly skill. Can he vanquish the forces of Darkness? ONLY YOU CAN SAY..
e) Pallite Soltware Ltd.
 your nome micro and already a No. 1 hit. Seven gruelling events toaturing the Assault Course. Firing Range. Arm Wrestling and Combat with the instructor himselfi Combat school throws down the challenge to the toughest of thoroughtred
samesters:

- 2987 Konmem


CRAZY CARS You are racing in the world's craziest ace: The American Cross Country Prestige Cars Race": "t you are able to complete the race betore the time runs out, you will get a faster car. You start with a Mercedes 560 SEC, and only the world's best drivers may drive a Ferfari GTO. PREPARE TO START, READY? GOIII
cTitus Soltware Ldd


TARGET RENEGADE Every move you make, every step you take, they re watching you. Fight your way through the precinct - the back alleys. the car parks. Night your way through the viltainous community, the skin-heads, the Beastie Boys, the bouncers. This pust the tip of the iceberg on you chilling quest to contront MR. BIG



PREDATOR Youve heard about Predator, the schwarnenegger movie - now you can play the leading role. Take a crack commando unit into the South American jungle to retcue a bunch of trapped diplomats. Should be easy enough...and so it would be. if it weren't for the mysterious allen who keeps on tahing out your men.
ci 1987 Twenteth Century Fow Fim Corp Alinghts

PL ATOON Lead your Platoon deep into enemy erritory, you can almest teel the humidity, sense the threatening dangers as you encounter the enemy and his many booby thaps. Having found the underground maze of tunnels, enter at your peril Enemy solders unge at you from the mukky watens within, but this: the only way you can find vita intormation. if you. come out of this alive. you' il be just one of the few: © 1986 Hemdale Film Coppration, All Fidhts Reverved



amikaze Bear, we're afraid is still under intensive "supervision" at the Golden Dreams Home for the Seriously Unhinged. In his absence we've managed to get someone to fill in. He needs no introduction other than; we're sorry but it was at short notice.

H
i you crazy, er, dudes! Yes sir! I'm the baddest bear in

I'm complaining about those awful games on Megatape 13 First of all, Phantom Club. I read the instructions and thought "Well rocket play is mega pooh". I've asked all my mates and they all agree. We've programmed better ourselves. But the worst game l've ever seen is Escape.

Straight away, no picture. That put me off for a start. Then I found a trap door. I tried everything, then I turned it off because you've either got to be square or mad to play this. Daniel "Rocket" Duke Kent

## WELL RAD, DADDY-0!

THANKS STAX, MAN. GLAD YOU DUG IT.
'm a grat fan computer and I have Sinclair ZX Spectrum. Now and then I may scan foreign magazines where I encounter by address your Sinclair User. Unfortunately there are but very informations and wanting to get more informations. I ask you, please, for detailed informations. I believe that I can expect your understanding that in a short time I shall be given possibility to enjoy your delivery. I thank you in advance and remain with many regards.
M Kristofavic Bratislave

## ALAS WE INFORMATION LACK NO UNDERSTANDY. WE'RE HAVING MUCH REGRETFUL.

Tell me why that in the top 20 games chart in February the game Double Dragon got awarded a classic but in the March edition it had no classic sign next to it? Anyway stay cool and print this letter and I'll buy next month's magazine. Cool Rye Lancashire

## - AAAOOOOWER! THE

CLASSIC WAS COOLING DOWN BY THE POOL WHEN IT WAS ZOOMED BY SOME DRAGON MEN, MAN. IT HAD TO SPIIT ON, ER, OUT.
these parts, if that's alright with youl Whoop! Well, okay, I'm not really the Bear. Fooled you eh? What with Kami having all that electric shock therapy and all he can't make his paws grip. so he's asked me to take over for a while. I think I can get the hang of this pretty quickly, man. See what I mean. Oh, my name? Bear. Lionel Bear.

Thanks for the adventure on Megatape 13 (at last!). I also enjoyed Phantom Club. Just one complaint - Escape was too easy. Can we have a more difficult one please? Here's the solution. If you don't want your game spoiled, don't read this: Go West, go north, play piano go east, go east, cast Police Spell, unlock safe, go south, go south, cast Buby Spell, go west, go west, examine bed, go east, lift calendar, shake calendar, eat dates, go west, sleep on bed, go east, go north, lift candle, cast Swan Spell, go east, go east, lift lamp, rub lamp, take can of oil, cast Dallas Spell, go west, go west, move table, oil hinges, open trapdoor, go west, cast Heinz Spell, go west.
Looking forward to more good megatapes. Thanks for a great mag.
Susan Class
Yorkshire

- AW, SHUCKS, SUE. I'VE COME OVER ALI RED AND EVERYTHNG. OOPS. SORRY, I MEAN CHILL OUT, GIRL!
ENOUGH OF THIS PRAISE. A GUY CAN ONLY TAKE SO MUCH, ALREADY. GLAD YOU
LIKED THE ADV ON THE SPOOL, CHICK. WE'LL BE PUTTING ANOTHER ADVENTURE ON A TAPE PRETTY SOON, YOU'LL BE JOLIY PLEASED TO KNOW, MAN.

OKamikaze I was looking at our mag (borrowed off a friend, cos I've got an Atari ST) when I noticed that most of your games reviews weren't in colour. Come on, this is crap! Robert Campion of Essex also complained about this so for my friends sake, here's my threat: XXX Multiple orafice widening expletive suggestions deleted XXX
Samir Al-Amar
Hampshire

## - MY LORD. THIS IS A BIT STRONG, ISN'T IT? I MEAN, All OF THEM? ANYWAY, WE'VE BEEN LAYING THE CRAZY COLOUR PAINTS ON EVEN



HEAVIER THIS MONTH, BRO. TWO MORE CRAZY PAGES OF COOL CRAYOLA. ALRIGHT? WE'RE TRYING TO BLAG THE DOUGH FOR MORE AND WHEN WE GET IT, WE'LL GIVE IT TO YA.

There's just one thing that seems abnormal with your Escape adventure on the last Megatape. Do we assume the author a) had a sudden nervous twitch, b) got carried away with the word Spectrum, or c) was he half Japanese, Welsh and German and knew only one English word?

While excitingly playing on this weird and wonderful game, you might even encounter the word PLAY. Perhaps this turns the author on, or something. Please tell me what's going on other than suggesting to hang loose like you did last year. Anthony Templeman Surrey

- UM, HANG LOOSE, HOMEBOY AND I'LL CHECK WITH YOU LATER. OR SOMETHING.

Dear Bear, In you mag there's something wrong; all the Italian mages are $27 \times 12$ cm and so my magazine-shelf is 28.5 cm high (about $111 / 4$ inches). ISU is approximately $113 / 4$ inches high . . . PLEASE make your mag $1 / 2$ an inch shorter.
Niccolo Rigacci
Firenze
Italy


AAAIIIEEEI Leap into your 26th century star battle tank, race through the terrifying battle-stations of the Tangent Empire and blast your way through endless hordes of fanatical enemy tanks blasting a swathe of death and destruction!
Sounds exciting, doesn't it? Well, that's just the trouble - it isn't. It's all rather slow and stately.
Vindicators is the first Spectrum game to appear on Domark's Tengen label, which is dedicated to converting Atari coin-op titles. It could have


You have to pick up fuel stars to keep going, and collect weapon bonuses to upgrade your tank with extra shields, increased firing range, smart bombs and so on, in the inter-level swap shop. The mono backgrounds aren't particularly inspiring, even on the later levels when they feature rotating gun

been a great start - maybe on other machines it is - but it just doesn't make it on the
Spectrum.
Most of the features of the original coin-op are, of course, there. One or two players steer their futuristic battle tanks across a vertically-scrolling landscape of parallax lines. The aim is to get to the end of the level before the timer runs out.
towers, electrical poles and starry chasms around which you have to steer.
Slightly better are the enemy tanks, which come in more assortments than there are Smarties in a tube. Some of them you can outrun, others you just have to gun down, as they follow you around firing at you. If you find the key to the next level, which is usually
hidden somewhere near the door, you progress to the armament stage then the next of the fourteen levels.
So the basic plot is fine and some of the graphics are OK. Unfortunately the gameplay lets things down. It's just too

butter it would be crunchy rather than smooth.
Not a bad attempt, then, but a pity that such a promising format should turn into an unremarkable game

困

REVIEW


## FAX BOX

VIDICATORS Label: Tengen Author: Consult Computer Systems Price: £8.95 Memory: 48K/128K Joystick: Various

PLAYABILITY

Average tank fighting game based on the Atari coin-op

Reviewer:

IT IS THE YEAR 2019
"The Running Man" is a dead) secent no-one had ever survived. But . . . . Schwarzenesset has,yet to play.
The Running Man is an action packed, sidewas, parallax scrolling game in 5 sections with some spectaourat backdrops and impressive sound.
Look outffr The Running Man Video by Braveworia, Availablẹ in all leading Video Libraries from March 21st.


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CHAMPIO
SOCCER

Championship Soccer unfortunately falls into the same trap as all the other footbally type games this month. It's very good, but doesn't offer anything new or outstanding.
What it does have, and I'm beginning to think that this is becoming more and more standard each day, is a huge database containing all the teams, players and ground names of National and International football. This size is possible because of its handicap. It's multi-load.

Now to be honest, I can't really see the point in describing the game idea in any sort of depth, because if l've written it once, l've written it a thousand times, but here goes (again). You are the manager of

a football team (of your choice) and you start in the fourth

division. You have to win as many matches as possible so that you (a) Get promoted (provided that you aren't in the first division), (b) win the Littlewoods Cup, (c) win the FA Cup and (d) win the EUFA Cup. Nice and easy.

Winning is just a matter of buying better players and
crowds into your matches. This is a bit hard when you're a struggling fourth division team What you can do is lower the price of the tickets and advertise the matches, or just start winning more matches.

Sadly, the game is slow, and it's slow for the same reason that all the others are slow. It written in BASIC. Why? Why why why? I? Have these people seen Tracksuit Manager? Have they not seen what can be done with some clever machine code programming?

All that said, it is still a very good football game. It's fairly detailed, there's a lot of variation in it and it's big. It's also mail-order only at the moment. You can get Championship Soccer by sending a cheque or p/o to: STD Software, 8 Glenbrook Walk.

|  | NAME <br> E:UAN <br> M. PAT <br> T.KIE <br> J. LAB <br> J. EL <br> Y. MAL <br> s.IAN <br> C. MCG <br> T.DIL <br> ㄴ. Ulㄴㄴ <br> R. SCH <br> G.SIM | GETE AINE HRLEN ERSON ER RTT STEEN ANE ON CH NKER ONS |  | $\begin{aligned} & 3 \mathrm{Cl} \\ & 5 K \\ & \frac{1}{2} \\ & 2 \\ & 2 \\ & 2 \\ & \frac{1}{2} \\ & \frac{1}{2} \\ & 2 \\ & 2 \\ & \frac{1}{1} \\ & \frac{1}{1} \end{aligned}$ | $\begin{aligned} & S T \\ & P \\ & P \\ & P \\ & P \\ & P \\ & P \\ & P \\ & P \\ & P \\ & P \\ & P \\ & P \\ & P \\ & P \\ & \text { PUBG } \\ & \text { SUB } \\ & \text { SU } \end{aligned}$ |
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| $14$ | $\begin{aligned} & M . S M I \\ & G . \\ & \hline H C \end{aligned}$ | $\text { - } 5 \text { SON }$ | $E$ | $\frac{1}{1}$ |  |
| 5 | SWAP | PLAYE |  |  | FIN |

adding them to your team. Buying good players is a costly process, and sometimes you have to pay a little extra before the nice opposing manager will sell that player that you so vitally need
To supplement your falling income, you can borrow some money from the bank. This, of course, puts you in debt. To pay off the debt, you have to pull the

Fareham, Hampshire PO14
3AH.
To finish in a footbally sort of way, here's a closing comment from my bestest friend, Bobby Charlton. 'Well, I went there to win, but he was just faster than me, Harry. That Abbey curve was a bit of a struggle, but we managed to pull through and all in all, the boy did good. Over to you, David.



A Fith the massive success of Ocean's Renegade and Target Renegade it was inevitable that the company would release a sequel, to satisfy the demand for games where the basic aim is to clobber anything that moves before they do the same to you.
So Renegade III "The Final Chapter" was born, but it would not have been enough to repeat the original Renegade format so, as well as the familiar single horizontal fighting area an upper level has been added from which opponents attack Renegade from above with rocks and other assorted objects.
Ocean chose Ivan Horn and Andrew Deakin (the team who produced last Christmas' biggie. Operation Wolf) to bring Renegade $\boldsymbol{\theta}$ from ideas on paper to tapes on high street shelves in only $2^{1 / 2}$ months.
Development of the game was done entirely on ST's with the code being written using Ocean's own development system and the graphics were all done on a graphics software package written by Ocean's 16 bit king John Brandwood.


# The major problem facing programmer Andrew Deakin was that <br> RENEGADEDTME 


the design for Renegade III called for a wide variety of opponents each with their own animations for walking attacking and being struck themselves. This meant that the system used by Mike Lamb and Dawn Drake on Target Renegade of piecing together the attackers and the main character by using such things as the same legs, to save memory. could not be done on the top half of a caveman with the lower half of a dinosaur - it would have looked a bit strange!


To solve this all the sprites were mirrored in software when printed so rather than the graphics for all the characters facing both ways being stored, only the right facing ones were need with the program reversing them where appropriate. Another problem was bleeding the sprites on and off the screen. That's when only part of a sprite appears on screen. Both this and the mirroring of sprites use valuable processing time, but have been done without noticeably slowing the game down.

Anybody who buys the game will be able to hear the music which no matter what's happening on screen, remains at a constant speed. Although this may seem simple, to pull it off on the Spectrum is quite a problem.

## GRAPHICS

The task of producing the wide range of characters and backdrops fell to Ivan Horn. As you can see Renegade III features such weird opponents as hairy cavemen, knights on hobby horses, Egyptian gods and crawling aliens. Such variety has its price, the most important being the memory it consumes. Each level needs approximately 10 K for the sprites alone, and that's facing only one way. Without some clever coding they would have used double that.
For those with a thirst for figures here are some to keep you satisfied:

ANIMATION - Renegade is a 39 byte high by 3 byte wide sprite with 8 frames for walking - a grand total of 1,872 bytes in all. On top of this there are another 18 frames of animation for punching and climbing etc.


出
BACKGROUNDS - Each level is built up from 64 graphic blocks ( 16 $\times 2$ bytes) which uses 2,048 bytes and the map is comprised of 10 screens, each $10 \times 16$ blocks in size, a total of 16 bytes for the map data.


## MUSIC

The task of creating the music and sound FX to suit the prehistoric, Egyptian, mediaeval and future periods of Renegade III fell to Johnathan Dunn. Ocean's sole musician.
In only two weeks he created 8 tunes and multiple effects for both the 48 K and 128 K versions a total of 6 K being used on the
128 K version. Jonathan's development system consists of an
Ensoniqm EPS keyboard, ST with Steinberg Pro 24 software and the various target machines (Spectrum, Commodore 64, etc).
"The game's nearly complete now, only loading and testing to do, and then it's on to the Amstrad and MSX versions, we think we've done a pretty good sequel, it's a bit tongue in cheek but a bit of humour doesn't hurt does it?" says Jonathan
But what about that title "The Final Chapter", gasp no more shaven headed beshaded vigilantes by the name of Renegade. "Well you never know there could always be a New Beginning.

## THE <br> PRODUCERS

Andrew Deakin (code) and Ivan Horn (graphics) have been with Ocean about 22 months. This is their fifth game for the Spectrum, their previous ones being: Athena (Spectrum), Combat School (Spectrum), Operation Wolf (Sepctrum, Amstrad) and Rambo III (Spectrum, Amstrad, MSX) As for the future, well their next scheduled product is an arcade licence (hush, husht)


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DOUBLE DRAGON
T m writing to congratulate Chris IJenkins on the best review I've read for a long time. The only reason I bought this crud game was that I loved the arcade game. Imagine my disappointment at being confronted by naff graphics and appalling sound. The backgrounds and the thugs are particularly bad, and there's a lot of colour clash around. the game is also extremely easy, and I completed it on my third go! If you were a fan of the arcade, don't make the mistake of buying Double Dragon like I did. Michael Bostock Colchester
Putting his fiver towards: R-Type - So the lesson of this sad tale is, Sinclair User generally (and C Jenkins in particular) is the fount of all wisdom, and you should always consult it before making any serious decision such as whether to get up, which radio station to listen to, which end to open your egg and so on.

## TOTAL ECLIPSE

Mega! Cooll Brill! Fantastic! Wicked! No, I am definitely NOT talking about Chris Jenkins, but about the amazing game Total Eclipse.

Chris needs a brain transplant! Ive been playing this trendy game for the last two hours, and have been stunned by the detailed and atmospheric graphics, amazed by the complexity of the game and flabbergasted as I discovered yet another maze of rooms. Each room provides a new and challenging puzzle, that will keep you coming back for more.
88\%? More like $99.999 \%$ if you ask me. Honestly, is this man a moron?
Stephen Folwell
Monmouth
Putting his fiver towards: Batman

- But I SAID it had great graphics, I SAID it was complex, I SAID it would keep you coming back for more. I just didn't say it $99 \%$-worth. Honestly, some people are never satisfied.


## DOUBLE DRAGON

Chris Jenkins should be locked up! This idiot gave Double Dragon 51\%. How weirdo can you get? What colour clash, I can't see any? Perspective off, rubbish! This game is ultra mega crucially cool (good even).
Squashed potatoes, what shape do you want a head to be, and what's all this codswallop about sausages and carrots? This game is worth $1000,000,000 \%$, not a measly $51 \%$. OK, so it's easy, I have completed it, but it's good enough to have just one more go. Don't listen to Jenkins, buy it now! PS Bring back capital punishment. James Turner
Worthing
Putting his fiver towards:
Dragon Ninja
What shape do I want a head to be? Head shaped, of course. No colour clash? Sure you aren't colour blind? OK, so it's easy? Yes, but it's dreadful as well. Think again, or you will never be a brain surgeon/astronaut/pop singer. You will be a shop assistant af $K$ Shoes.


## TYPHOON

Yoou blabbering, jibbering lump of whale blubber. Isn't it possible for Tony Dillon McScrooge to give a brilliant game more than $72 \%$ ? I am of course talking about Typhoon. It's the best bit of blasting since 1943. It deserved at least $90 \%$ and a Classic.
The first time I played it I was glued to the trustworthy Speccy
for 8 hours $921 / 2$ minutes and 31 seconds. The lastability should be boosted to $90 \%$ as well, and the sound effects are ace. So next time an absolutely ace game comes out, please please (I repeat) PLEASE get your pea of a brain into action and give it some good marks! Iain Jackson
Heckmondwicke
Putting his fiver towards: R-Type
I'd HAVE to be glued to the Spectrum to play Typhoon for that long, too. And do you mean it's the best bit of blasting since the year 1943 or the game 1943?

## PACMANIA

79$9 \%$ ? $79 \%$ for a hardly original I game, the only difference between this and all the other Pac games is that it's viewed from an angle, and that makes it worse. Pacman looks like an "acid" badge.

Tony Dillon must be mentally ill, I would rather listen to a Des O'Connor record and play Zolyx. The only way to describe Pacmania is BORING. Steer well clear of it or you will turn insane. Ian Cartright Leicester
Putting his fiver towards: By Fair Means or Foul
I don't think you can actually prove in a court of law that playing Pacmania turns you insane, but you've obviously been exposed to something unhealthy. Anway, what's wrong with Zolyx (I agree about Des $0^{\prime}$ 'Connor, never fear).

## LIGHTNING SIM

You should be either hanged or shot in the head!!! That's all you deserve for giving Lightning Sim 68\% overall. You should have given it $88 \%$ ! And $35 \%$ for playability, you're sick! It's so simple, it' unbelievably simple, what's wrong with you? It's Fantastic! If you want a realistic plane sim, get it. Sure the graphics and sound aren't $100 \%$ each, but they're still great! I recommend this game strongly!

I don't know how you got a job at this fantastic, brill and utterly superb mag. Please tell us, did you bribe the Editor? Now I know why you're called Tony, 'cos you act like one (WHAAA ...??!!?? - TD).

I hope you get better soon and give decert reviews!
Kevin Stabler
Patrington
Putting his fiver towards:
Opertion Wolf

- Ackchooly, I gof the job 'cos my dad's in the Freemasons and he did the old wiggly handshake on the publisher. Now I know why you're called Kevin


## VINDICATOR

7 ZZZZ yawn. Oh God, I left _dVindicator on from last night. Seriously though, it doesn't exactly inspire you. Playability rates at zero, and although the graphics are good, it doesn't hold your interest for 24 hours, the approximate time it must take to get past the first level. Tony Dillon must be an absolutely brilliant gameplayer if he can rate this $c^{* *}$ p at 62\%, because I wouldn't give it $10 \%$. Please, please could you give me the end of level passwords?
Andrew Brown
Halstead
Putting his fiver towards: R-Type

- What is "c**p" exactly? Crop? Carp? Chip? Whatever it is, I'm sure it doesn't apply to Vindicator (except Chip). Just to be kind, we'll give you the end of level passwords: VALSALVA MANOEUVRE and EUSTACHIAN TUBES. Gof it? Right, sfop whining.


## TRACKSUIT MANAGER

This has to be said, Tony Dillon needs psychiatric help. How can anyone in their right frame of mind give this rubbish a Classic? It deserves about $30 \%$.
After reading this fab magazine I bought Tracksuit Manager as quickly as I could, and was disappointed about spending a tenner on this boring trash. By the time you complete two games your power supply is red hot, and there are still 20 matches left. My advice to anyone who doesn't like managerial games is, don't buy it!

## Simon Kaufman

Ilford
Putting his fiver towards: WEC Le Mans

## - My advice to anyone who

 doesn't like managerial games is, don't buy it too! But if you DO like managerial games, I still think it's Brian Clough's nostril hair (IE dead hard). PS aren't we kind correcting your spelling of "psychiatric"?
## ROBOCOP

Hw could such a good reviewer as Tony Dillon (creep, creep) give such a megacrap game like Robocop $96 \%$. I would say more like $66 \%$. 1 finished it on my third go. The playability should be minus 91 , not 91.

What's even more annoying, when you have finished it the computer prints up "Nice shooting Murphy" and all that crap, then it
sends you back to the beginning again. I found myself going through it six or seven times with one set of men. Tony Dillon is obviously rubbish at this game, no even being able to get past the steel mill is disgraceful. I must admit the sound is amaaaaazing, and the graphics are neat, but the gameplay is just so easy.
Andrew Knaggs
Doncaster
Putting his fiver towards: The In Crowd

## - What do you expect it to do

 when you finish the game? Shake your hand and give you a fenner? Crash? Explode? I don't know, some people will find something to complain about in the fabbest game. Mind you, if you're so fab that you can finish it that quickly, maybe you're right..

## JIM

## TIGER ROAD

$T_{\text {hat Douglas looney has gone }}$ I and done it this time. What am I on about? Tiger "What a waste of dosh" Road He gives this poo 69\% and has the cheek to say it's worth a look. My Speccy vomited all over me when I first loaded this cack. The animation is hopeless, the scrolling is jerky and the response is so sluggish 1 thought my joystick had slipped a disc (or

And where are the "awesome dragons" and "flying ninja"? Weather a bit too much for them was it? Look! I hope Im the only sap that bought this tripe because I wouldn't even wish it on Tony Dillon.
Chris O'Sullivan
Shannon
Putting his fiver towards: WEC
Le Mans

- When I said it was worth a look, I meant it was worth a LOOK. First you LOOK, then you decide whether you want to buy it. Do you expect us to make all your decisions for you?


## R-TYPE

Well Jim, everything you said about $\mathbf{R}$-Type was right, excpet it's not really good like you said, it's absolutely BRILL, MEGA FAB (just like your mag, cringe, cringe, crawl, crawl)!
This superbly well put together game catches your imagination just right. The graphics are brill, the sound deserves much more than 70\% and you can just keep playng this game again and again
Bob Pape is a flippin' hip person for putting together and I would pay quite a bit more than $£ 9.99$ for it. After all that Jim you gotta admit it deserves $100 \%$.
Paul Johnson
Wakefield
Putting his fiver towards:
Operation Wolf

## Orright orright, it's very

 good, but would you SERIOUSIY pay more than $£ 9.99$ for it? If so, the next issue of SUI will cosi you $£ 45$. If R-Type is fab, we're a zillion times fabber.
## OPERATION WOLF

Here we go again with Jim Douglas. Giving Operation Wolf a Classic was a big mistake. I mean, what fun do you get out of shooting people and the odd vehicle? Ive had more fun watching News at Ten.
First Jim made a mess-up giving Renegade a Classic, and now he's made the same mistake with Operation Wolf.
30 p in the arcades for one game? I wouldn't pay that for the flippin' machine. I think Jimmy ought to be sacked from SUI Christopher Page
Chard
Putting his fiver towards: Double Dragon

Strange child. If you exelude all the games which are about
"shooting people and the odd vehicle", what do you have left? Bubble Bobble and Breakout. Are you saying that all games should feature fluffy animals collecting fruit?

## LED STORM

Please could you make sure Jim is in a suitable mood to review some mega games like LED Storm. If this alien-brained human doesn't review a game right soon (about the next issue) I will storm the SU office and knock his head on a TV screen $1,000,000,000,000$ times, which is quite a few. GET IT DONE or you might suffer an underground crash or something like that. PS 1 think the other reviewers are OK. PPS SUU is brillo. PPPS Im only 9 years old, but please print this letter. Matthew Williams

## Cheltenham

Putting his fiver towards: R-Type - You may only be nine, but you have a really nasty turn of phrase. I think you may well be a Sun journalisf when (if) you grow up. Anyway, HOW exaetly do you think I don't review things properly? And how do you think having my head knocked against a TV screen would help?

## R-TYPE

Whilst reviewing any megafab games, try not to get drunk, as it screws up your judgement of them and forces you to give crappy marks. The game I am of course referring to is $\mathbf{R}$-Type. 80 $70,90,80$ ? Chris may be naff but you're worse (III take that as a compliment, shall I? - CJ).
The graphics deserved 99 at least, and what do you mean, Sound 70? The explosions may sound like someone farting, but they're still worthy of 90 .
Playability needed 98 at least, this is THE slickest game Ive ever played. Lastability 80 ? ? \& (cu $* / 4$ The Man's a funny farm patient, this is by far the most addictive game there's ever been. This game deserves 99.9 overall, not 90 . For the last time, someone keep him off the drink and in his straitjacket.
Grant Hughes
Putting his fiver towards: Foxx Fights Back

- In fact I've been off the sauce or a couple of months, and 1 can't say I feel any befter, so 1 think I'll go baek on It. And as for the strait-jacket, how am I supposed to drink with my arms strapped to my sides?

Every so often - well very often actually - you write to tell us that we know nothing about anything and insist that some program we saying something is the the best game ever. Conversely you blast us for Enough is is
Enough is enough. We can't take any more, if you think you're as clever you write the damn magazine. We mean it!
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I'm going to put my fiver towards.

[^1]





Football and a great ISU review brings instant sales! This may be the one to knock the mighty Robocop from the top of the charts. Other than that things get interesting again about position six with Dragon Ninja a goodish kicky game and Wec Le Mans in at seven just about the best racing car game we ve seen. Now as for Fun School II we're stunned, educational software hasn't done this well on the Spectrum since about 1905. What's going on?


## CrATRTS

W
e said it'd do well and Dizzy certainly has, but we still don't think it's that great. Players are hitting the charts with almost every new release and Street Gang is in at four in one fell swoop. Same seems to be true for the ubiquitous Codemasters who have two new entries in both Big Foot and SAS Combat. Finally check out The Double an ancient football game we rated at six stars (remember them?) ages ago, now its back again on budget. Football games you can't beat them..
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## CHICAGO 30's

These are tough times. Leans times. You can't get hold of software as readily as you could. What with the depression, the
government are putting kerbs on the production and availability of quality games. At least that's how it feels sometimes. Still, we'll
"the ref's a poof". You'll be practising all these delicate sayings ready for Cup Final Day, no doubt. While you're at it why not play Emlyn Hughes International Soccer to get yourself in a footy mood.

Not only did we review EHIS in the April ish, we did a Smash Coupon for it too, but it was so popular we're running it again, for those of you who missed it last time, heeeeeere's Emelyn (ee ello - Emlyn).

EHIS would usually cost the rather reasonable price of $£ 9.95$, but that nice man at Audiogenic is being completely loony and letting all ISU readers have a massive $£ 2.00$ off AGAIN (what a boy!. So pump up your yellow banana (phwoor) and send your wibbly coupon off immediately!

see you right. Just cut out this coupon and send it off to the boys at US Gold and we'll mail you back - in a plain brown wrapper, of course - a copy of Chicago 30's, the game about prohibition and hooch smugglin'.
And not only will you be able to enjoy the games, you'll be saving a whole stack of filthy lucre for your next illicit purchase. Know what I mean?






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Win a million inflatable things! (Well, twenty or so)
eeek! My God! It's horrible! It's scary! It's inflatable! It's Dominator! System 3 software, in order to celebrate their return to the wonderful world of Spectrum Software have got a super smashing and downright lovely competition organised with Sinclair User.
The game (which is megapreviewed elsewhere this month) is a horrific slimy affair with ghastly shocking aliens all slavering and gruesome and waiting to suck the very lifeblood out of anyone foollish enough to get involved with them. Just like real life kyak fnar. You have to blast your way through the biomechanical body of the huge alien mothership and kill kill kill!
And what better way to announce the impending arrival of the game than by giving away some inflatable things. Well, it's not as mad as you may think, since there are big skeletons and the like in the game and these things are really rather similar to the prizes that we're giving away.
TWENTY lucky winners will all receive a super inflatable of some sort or another. There are skeletons and frogs and bees and loads more besides. Hours of fun. You can blow them up, let them down, blow them up again, burst them, you'll even probably end up blowing them up rather too often and making yourself go all dizzy through lack of oxygen.
And all you have to do in order to collect one of these super prizes is answer the questions below and send your answers along to: An Inflatable Skeleton! - Just what l've always wanted Competition, Sinclair User, 14 Holkham Road, Orton, Peterborough PE2 OUF. The closing date for the competition is May 31st.
The Questions:

1) Inflatable balloons used to be full of what gas?
2) But what always used to happen?
3) So now they are full of what?

Name $\qquad$
Address $\qquad$
1). $\qquad$
2). $\qquad$
3). $\qquad$
I completely understand that the Editor has final say in the competition and I mustn't do anything really dangerous with my inflatable toy once l've won it like attacking Granny and saying "Ooh look, it's Grandpa come back from the grave to get you!" or giving it a job in the cabinet.

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## TURBO ESPRIT

Label: Elite Author: Durrell Price: $£ 2.99$ Memory: $\mathbf{4 8 K} / 128 \mathrm{~K}$ loystick: Various Reviewer: Tony Dillon
One of the fabbiest ever Spectrum car racing, drug busting, crime fighting games, and it doesn't even scroll round corners!
can remember when this was released. What a product it was! And for its time! A masterpiece! What? What do you mean, some of you only got a Spectrum recently and have no idea what it's about? You want me to tell you as well, oh the cheek of it! Still, I like you face, so here goes.
You are an undercover cop, and you have been informed of a drug delivery that's going to take place in your town (one of four, you get to choose at the start!). The story is, an armoured car is going to pop in. make four deliveries to four drug cars, and then scarper. You have to intercept the drug cars AFTER they have collected the deliveries, and then get the armoured car. The trick is, don't be seen, because once you do, all the cars will do a runner and you'll be left with egg on your face.
The graphics are fast and smooth. All the cars are well drawn, and the little people that walk around the streets are sweet and cute. Sound is limited to a beep and a squeak, though the title tune is great.
One of the best games ever released, in my opinion, and if you don't buy it, then you're one hell of a mug.

## $93 \%$

## AZIMUTH HEAD ALIGNMENT KIT

UTILITY Label: Interceptor Author: In-house Price: $\mathbf{£ 8 . 9 9}$ Reviewer: Chris Jenkins
An invaluable utility for anyone with bald patches due to embarrassing hair-pulling no-load software situations

Now this is just what you need if you spend half your time failing to load games, and the other half taking them back to the shop. It's not new, but the packaging is. The Azimuth Head Alignment Kit is a simple software utility designed to help you adjust the angle of the tape head on your Plus 2 cassette deck. Mis-aligned tape heads, which aren't exactly perependicular to the tape, are the major cause of loading problems - and with more and more multi-load games on the market, it's more likely that you'tl experience problems.
Supplied with a special screwdriver for adjusting the head angle, the package consists of a software cassette which squirts a 2000 baud signal into your Plus 2. By determining the angles between which the signal is strongest, and watching a counter reading off the signal, you can adjust the tape head to th correct angle.
Then you should have no trouble loading Joe Blade, the free bonus game on the reverse of the tape. Jolly good it is too, as you may know, and the final incentive you may need to invest in this invaluable utility.

## $80 \%$

## SPY HUNTER

Label: Kixx Author: US Gold Price: $£ 2.99$ Memory: $\mathbf{4 8 K} / 128 \mathrm{~K}$ Joystick: Various Reviewer: Chris Jenkins
Classic car-racing shoot-em-up which still plays well despite primitive look

Hard to remember that the coin-op original of this game came out in 1983. Some of us weren't even born then . . . er, quite. Anyway. this one's long overdue for a budget re-release, because although it's appeared on some compilations, it's still streets ahead of many flashier coin-op convs on sheer playability.
The format is dead simple; steer your heavily-armed spy car up the scrolling screen, barging and blasting the equally be-weaponed opposition and avoiding steering straght into the roadside or into the water. Exciting enough, but halfway through you get a boat instead, and all the excitement becomes waterborne.
Dead simple, looks and sounds pretty grotty, but in fact as good a blast-up as you could wish for.

## TRANTOR

Label: Kixx Author: US Gold Price: $£ 2.99$ Memory: $48 \mathrm{~K} / 128 \mathrm{~K}$ Joystick: Various Reviewer: Chris Jenkins
Big sprites, lots of action but some gameplay faults.

Another re-release, this time of a reasonably deserving multi-level in which a heroic star trooper takes on hordes of evil aliens. The gimmick here is that instead of being armed with your common or garden proton megablaster, Trantor has a thumping big flamethrower to see off the flying, hopping and crawling beasties, and he uses it to very good effect. You can almost smell the roasting aliens.
The problem with this game is that the action is non-stop, and the backgrounds of underground installations are quite fetching, there's little variation. All you do is run along the corridors, toasting everything that moves, looking for oxygen and fuel stations to help you get on to the next elevator. The eventual aim is to activate eight security terminals, then rearrange the code letters obtained into a phrase which will help you to escape from the planet.
Apart from the opening sequence which is very tedious to sit through after the first time, Trantor is as good a way as any as wasting a wet Wednesday afternoon.

## 68\%

$\pi r^{2}$
Label: Bugbyte Author: In-house Price: $£ 1.99$ Memory: $\mathbf{4 8 K} / \mathbf{1 2 8 K}$ Joystick: Various Reviewer: Chris Jenkins

## Strange but fairly enjoyable test of skill and strategy

0K, first things first, it's called "Pi-R-Squared", not "Mister Two" Secondly, it's not a conventional arcade adventure, but a unique and maddeningly addictive challenge of skill and forward planning.

Well received on its full-price release, $\pi r^{2}$ (the name's based on an equation for calculating the area of a circle, in case you didn't know) takes place in a strange universe of spinning cogged wheels. You control a robotic sphere which travels around the spinning wheels, changing direction and jumping from one wheel to another in search of sections of geometric formulae.
Stray thoughts interfere with your progress, draining your IO, which can be restored by freeing books from the centre of wheels. There's also a calculator which improves your speed, and other bonuses and hazards.
Graphically smooth, cleverly designed and very unusual, $\pi r^{2}$ is worth a look if you're bored with the run-of-the-mill shoot-em-ups.

## $74 \%$

## ANTIRIAD

Label: Mastertronic Author: Palace Price: $£ 2.99$ Memory: $48 \mathrm{~K} /$ 128K Joystick: various Reviewer: Tony Dillon

Big graphics, lots of detail, great gameplay.

For those of you with shorter memories than mine, Sacred Armour of Antiriad was the first ever game to feature interactive-comic-ovision. What that means is that you get a free 16 -page comic book with the game, telling the story of the sacred armour. It tells you that you have to clean the earth of the evil mutant scum by destroying a huge radioactive plant. To do this, you have to find the armour itself, along with a power pack, some jet boots to get it off the ground, a laser for defence and the super bomb to wipe out the tower.
This is a big adventure with more of the emphasis on arcade. The graphics are latge and very detailed, the animation is ultra smooth and the game itself is very, very playable. You probably have got this already. but if by some strange quirk of fate, you don't, then get it. As Major Tom in CU would say, It's brill kids


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## 

fair amount of programming expertise and fairly complex gameplay of the find-one-object-and-stick-it-in-anotherobject variety. The graphics, though, aren't too hot; despite a choice fo display modes (full colour, half colour and mono), the backgrounds are fust too bland to raise much excitement. Bigfoot himself is reasonably
well drawn and animated, but tends to get lost among the backgrounds if you're in colour mode.
For some reason, many of the clues you need to solve the puzzles are given away in the instructions. As you swing through caverns and villages, your aim is to blow open Mrs Bigfoot's cage using TNT. But to


cakes and spinach to pep up your energy. Yes, I know, it's all a bit jackanory isn't it
One stightly irritating aspect of the game is the object handling menu; it's activated by using DOWN/FIRE, and gives you the options of picking up, putting down, or selecting an object for use: For some reason I found it difficult to get out of the menu once I wanted to return to the game; the joystick movement you feel OUGHT to do the job, doesn't. Still, it works, though it's a bit fiddly. Sound is unremarkable: perhaps a more skilled soundtrack programmer could have given the game a bit more gloss, but it wouldn't have added to the overall playability Bigfoot is a pretty minor game, and seems to be very easy to solve. But it's not hideously bad and has a few amusing moments, so check it out if you're starved fo
entertainment



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# Is TANK ATHACK: 

the main game screen. The players then get to feed in all the relevant info on the encounter (type of vehicle(s), distance etc) and then get to
view the action on screen in glorious technicolour. The computer then prints up the result and reports any action that needs to be followed, i.e. the removal of destroyed pieces.
Tank Attack is presented very professionally. The packaging and pieces are high quality, though due to their small size I can see little tanks getting lost


## 13ATHIJS SITMENGHH

 know what, it ain't bad at all.You, and one to three other people, are commanders of a country's armoured forces. The aforementioned countries, who by some ingenious stroke of luck all beckon on each other's borders, just happen to be at war, so like good soldiers, you have to beat the crap out of the enemy
Each player starts the game with an equal amount of units.

13A171.13


SAREAPAN DAY OIRDIER


Eight tanks of varying strengths and four armoured cars ditto. These they place within their own provinces around the

checks the computer to see how many action points they have for the round, and allots them accordingly. One action point will move one vehicle two squares across flat ground. On hilly ground, they can only move one, and mountains and rivers are out of bounds.
If any kind of conflict occurs, e.g. one of the current player's units encounters an opposing unit, or a player's unit comes across an enemy factory or even the HO, then the respective icon is selected on

40 cm by 40 cm board that comes with the game. Then the game begins

It is played like a standard wargame, but the pieces and board add a 'real' feel and make it easier to understand battle situations. Each player in turn


MOWENDENT TOTA 6


## (0) Slans FREzI

Cor lumme lawks! Here's nother one of those board games with a bit of computer interaction that CDS bringing o Karate School it was, and I remember not thinking much of it when I saw it. Mind you, not long after that, a friend of mine got hold of a copy, and we didn't stop playing it for weeks.


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UNIT MOVIZMISNI
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## ArMEIVITY

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## 




personal experience, if you get into a good hand moderated game, it can be like living the central character of a fantasy novel and that's quite a buzz! We'll be looking at quite a few hand-moderated games in the next few months, but the first is an unusual science fiction based world, which has come out of the mind of
colonies were set up in the Solar System.
A faster-than-light drive has been invented - but not faster-than-light mail. It is a time of high-tech and rapid expansion of the economies. Thus, a new governing body has been formed (the Independent Company Corporation) to encourage young entrepreneurs to move off crowded colony worlds into new unexplored areas to set up new businesses. A kind of 23 rd century

Mark Tingley of Tingols
Games
Called Ether, this is a refreshing change from the hack and slay Traveller clones or computer moderated Star Web variants. Ether is set in a universe a few hundred years in the future, where Earth has killed itself, but not before self-supporting
world or planet with factory and housing tailored to your specific needs - and told to get on with it.
You start off by choosing which industry/sector your business will trade in from list of over thirty then it's over to you.
Enterprise Allowance Scheme, if you like.
New businesses are given a 90 year free lease on a new

Your company, governed by the company directors, will employ various specialists, such as Security Guards, Accountants, Foremen, etc, and the basic rulebook details how to keep the business ticking over/ improving; but like many hand moderated rulebooks, it is only a framework within which you have to use your imagination to create a personality, motivation and a goal for your Corporation.
Perhaps you are a budding Alan Sugar and want to pile mega-computers high and sell them cheap sending off a few assassins to bump off the competition? Or a warped mind that wants to manufacture high spec
speedsters for colony yuppies - that self-destruct if the pilot tries using a cellular phone while flying the ship? Or why not be a straightforward megalomaniac that wants to brain-wash the population? Start to get it?

Ether certainly looks to be of interest and has been play tested for a year now, so most of the major bugs should be out. Mark tells me that the end product should be available by the summer, with a start-up cost of $£ 5.00$ (including two free turns) with turns being another $£ 1.50$ after that. Also produced every four weeks is a scandal sheet called Ether Link that is 75 p per copy

Write to Tingols Games at Heath Farm, Deans Lane, Tadworth KT20 7UD. Until next time


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Aaaargh! I can't take it Not more lovely little Apixie type elfin fairy folk! You know what the bad thing is? You don't get to kill them, you have to rescue the little mites. You don't get to harm a single one! Life just isn't fair sometimes.

You see, there's this evil Queen, right. An' what she's done, right, is kidnap all the little fairies and imprison them in these funny, hard to reach places. To save them, you have to work your winding way through an arcade adventure with more than a slight emphasis on the arcade element.
Each of the levels is set on a horizontally scrolling landscape full of all sorts of funny things. There are springboards that catapult you to areas
unreachable by any other means. There are lots of different sorts of animated nasties, like the eggs that transform into flies when they hit the ground and the homing worms. Then there are the bubble spouting
?

frustratingly unplayable glitch There are just too many positions where you die through no fault of your own and there is nothing you can do about it. For example, at one point on the first level, you have to go through a Dragon's cave to get to
thingeys. They
are annoying. They fire little bubbles into the air that you have to walk under. Time it wrong and you lose one of your eight lives. Eight might seem a little excessive, but believe me, you need them all.

## one of the fairies.

 Dragons swoop past, killing you on contact. They swoop from above and they swoop from below. You can only fire forward. This means that if you are in mid jump and one swoops from below, then you get hit. There is just nothing you

Finally, there are the puzzles These are made up of two parts. The first is an impassable object, the other is the means to get around it. For example, the first problem you find is a locked door. Close at hand is a key. You get my meaning?
It won't be long before you are linking puzzles like nobody's business, and it's then that you notice the glitch. The
can do. It's this kind of bad planning that lessens the mark of what could have been a very highly rated game.

The graphics are great. There is no other way to describe them. Tons of colour. Large, well animateđ sprites, great explosions, smooth scrolling and no colour clash. I smell the hand of Cecco here, and I'm not wrong. One thing that did make
me laugh was the slightly dubious use of naked female statues. Did he really have to put them in, and did they have to be so big? I can see the letters flooding in now.

As an arcade adventure

less than average. The puzzles are simple, and not in the slightest bit taxing, so the game has to fall back on its arcade elements, and as I've already said, as an arcade game, it's not all that hot.


So, what are we left with. A less than average arcade adventure, and a frustrating arcade game. It's by no means crap, it's just not as good as it's hyped up to be.

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If this all sounds like Streetfighter, Renegade, Target Renegade, Renegade 3, Dragon Ninja, Tiger Road and Human Killing Machine - that's because it is. While there's nothing at all wrong with Vigilante, it's
coming out much too late, and doesn't really add much to the existing games.
As you move along across the scrolling backgrounds, you are attacked from both sides. To start off, it's easy to despatch your opponents with a high kick or a series of punches. Life gets more difficult when they attack you from both sides at once; it's very difficult to kill one off without receiving huge


## VI <br> streets of New York 1994.

Now you won't get much of a thrill or excitement when you hear the plot. Your bit of stuff, Madonna, has been kidnapped by the skins. I don't think this could be THE Madonna - she'd only have to break into a chorus of "Material Girl" and they'd be jumping out of the windows with their fingers in their ears. Anyhow, you want to rescue the girlie, and the only way to do it is to kick and punch you
way through skins against way through skins against
some pretty average backgrounds I


some reason they don't seem to do you a great deal of good; to be honest, it took me so long to get through to level two that I was too exhausted to carry on plaving it. Am I getting old, or is Vigilante just much much too

## hard?

There's an interesting option to switch off the colour, which eliminates the annoying
background colour clashes, and apart from some pointless bleepings the sound's OK. I could live without the tedious introduction screen telling me what I already know, that Madonna is in the hands of the skinheads and only I can rescue her, etc

Overall, then, this one's a jump at the bandwagon which ends up smeared all over the tarmacle
a good deal of bashing and beating to dispose of. Then it's back to the tape recorder to load up the next stage, which takes place in a junkyard. The backgrounds here are a littie more interesting than the street scenes of level one, but the opponents are largely the same except for a star-chucking ninja.
There are extra weapons such

pick up along the way, but for

amounts fo damage from the other. Only very precise alternate hits will see you through this problem.
Even more horrifying are the Men Who Put Their Fingers In Your Ear. Though these tubby terrors are easy to kill with a single blow, if they get too close they appear to put their fingers in your ear, and you die
horribly. Very strange.
If you can get to the end of a level, you come across a huge


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WE GOT THIS IDEA FROM THE SUN (WE WON'T DO IT AGAIN)

1) It's not called the F.A. Cup.
2) Honestly.
3) It's actually called the Football Association Challenge Cup.
4) The F.A. Cup was first held on March 16th 1872 at the Kennington Oval.
5) The Patron of the Football Association is Her Majesty The Queen, OBE.
6) The club that have won the F.A. Cup most times is Aston Vila.
7) They've won it more than six times.
8) But less than eight.
9) So have Tottenham Hotspurs.
10) Amazing isn't it.
11) How about this one then . . .
12) The present trophy is the third F.A. Cup to have been made.
13) The first one was made by a company called Martin Hall \& Co and it cost $£ 20$. . . it was also stolen in 1895.
14) The second one was given to Lord Kinnaird (check this Eric) in 1911.
15) The present trophy was first won by Bradford, when they beat Newcastle United . . . something every other league club has been doing ever since.
16) Places other than Wembley where the F.A. Cup has been held: Kennington Oval, Lillie Bridge, Fallowfield, Everton, Crystal Palace, Bolton, Old Trafford, Bramall Lane, Stamford Bridge.
17) Most appearances in a Semi-final - Everton with 21 appearances - but they've only won it four times.
18) Numbered shirts weren't used in the F.A. Cup Final until 1932/33 game.
19) The only player ever to get sent off in an F.A. Cup Final was Kevin Moran of Manchester United in the 1985 match. (PS MU went on to win 1-0 vs Everton which was one of the six times Everton has lost in the Final - more than any other club).
20) Apart from Arsenal.
21) The Final has been televised live since the $37 / 8$ match - when it was watched by an estimated $\mathbf{1 0 , 0 0 0}$ people.
22) Except 1952 that is.
23) The total number of goals score in Wembley Cup Finals has been 301.
24) But only 208 this century.
25) Crystal Palace scored none of these.
26) The player with the longest name ever to play in a Cup Final was F. B. Chappell-Maddison.


## HE SORCERESS

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like a friendly football fan (rare), building site workers working (rarer) and reporters helping you out (unheard of). Some of the puzzles are pretty devious, but with a 500 word vocabulary you should be able to solve most of them. Pretty pictures at the end and a teletext TV in the middle which really works round off an excellent cut-price adventure. Robert's trying to get a major company to market it, if they do the price will probably go up, so it's worth taking a look now while the price is right.

Another game that you might be interested in, for the strange price of $£ 2.56$, comes from Kevin Rooney. He lives at 110 Witherford Way, Selly Oak, Birmingham, and the "company" that he keeps goes under the name of Bugbear Software while the game goes under the name of Wergild. Not as good as Immortality Rules OK, it has to be said, no 128 K version, but there are some interesting aspects to the game

## nevertheless.

Strange creatures abound, and any game that uses the Cowrie Shell as the unit of currency has to be admired. As we've mentioned before, small software outlets ought to be cultivated so that they keep on producing games. The big boys (or girls, sorry Anita Sinclair) can't have it all their own way. Besides, would you rather pay $£ 3.99$ for a decent game without
any frilly advertising, or well over a tenner? Let your wallet decide.

And still on the subject of the little companies fighting the big companies, one little company that hopes to become a big one is Leisuretec, who have the shortest address of any company that I've ever encountered. 5 Stockton Road, Sunderland - that's it! Telephone (091) 5678058 or (091) 5658473 if you want to talk to David Nicholson and ask him about the three adventures that they're releasing. They're called The Lost Legacy of Xim, A Simple Case of Espionage (both featuring the curiously is named character Rick Shaw, detective extraordinaire), and $\AA$ Dusk Over Elfindon, the latter being a romp into the lands of magic and mystery. Somewhat like playing pool at the Academy, I should imagine. All three games are available for Spectrum 48/ 128 K and the last one is also supplied on disk for the Plus 3 if you're interested.

G D Kennington wants to know what happened to Gordo. So do I! The strands of time weave their magical spells and manage to confuse us still. Deep and meaningless I know, but it reads well.

Nick Hayden, Neil Ashmore, many others, all managed to solve ESCAPE, the game that was featured on the cover of this illustrious
magazine. For the benefit of those who may still be struggling away somewhere, I'll more or less round off this month with the rather short and succinct (but no shorter than some commercially available games) solution:

GET CANDLE, MOVE TABLE, S, GET CALENDAR, SHAKE CALENDAR, EAT DATES, W, EXAMINE BED, SLEEP, N, N, PLAY TUNE, E, E, CAST POLICE SPELL, UNLOCK SAFE, S, S, CAST BUZBY SPELL, N, CAST SWAN SPELL, E, GET LAMP, GET OIL, RUB LAMP, W, W, CAST DALLAS SPELL, OIL HINGES, OPEN TRAPDOOR, W, CAST HEINZ SPELL, W.

And that's it! To save
typing you could just USE SPELL instead of casting the various different spells, or CAST SPELL without naming it if you prefer, and I'm sure there are many other different ways of completing the adventure without following the above solution to the letter. Many people, including Mark Roberts, even included a map with their solutions, but I don't think we really need to publish it. Thanks all the same.
I'm really going to have to offer a complete solution to Snowball, I can feel it in my bones. Trouble is, my photocopying spell isn't working too well these days. Next month will reveal all. Until then, dear mortals, farewell!
wizard will tell you your first task and give you the password
to get past the sentry. To raise money, sell the silver nuggets,
the gold nuggets, the sapphires and the diamond to the the gold nuggets, the sapphires and the diamond to the
assayer. Gordo will provide help if you say to him "How do I...'", and the Oracle will provide help if you say to him "Where is...", but you must put a coin in his box first. You must buy and eat food at the inn to restore your strength. Take the empty bottle from the bar and fill it with water from the fountain. Always carry a supply of water when crossing the desert. The rope bridge collapses under too much weight, so to cross it you must only be wearing your jeans and carrying the torch. Bring back the rubies and drop them, then go back for the sapphires. The dagger and the emerald are too heavy to bring back.

## THE BEAST ${ }^{-1}$ Shlew Miss Myples

Take the electricity bill with you. Examine the chair and wear your anorąk when you leave to catch the bus. When you reach Puddlecombe, read all the signs and notices. Call on Miss Myrtle and ask her about the letter, the church, the flowers, the vicar, the ranger, the farmer, the doctor and the vet. Call on the vicar and get the books from the scout hut for him. He will reward you with a pair of sturdy shoes. Get the pan when in the hut. Get the carrier bag from the cemetery to carry things in. Later you can put everything in the rucksack, which thas unlimited capacity (wonder if I could buy one of those?!)

23CURPUIER REPFIITS S SPRRE SINCLAIR qualtiv authorised repair centre HOW TO GET YOUR 48K SPECTRUM REPAIRED FOR ONLY £19.95

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included in the price. We check sound. loading. memory colour and ear/mike

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Sx top games worth c39.00 free with every soectrum repair, Now includes FREF memory/kevboard test. We aisorepair Commodore 64 's. vic 20. Commodore 1 +4 , spectrum +2 and +3
The most up to date test equipment developed by us to locate faults within your computer
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##  anems. Out hecard Controles, Counsic Sheck Masuber, Dend.    Operation Thender flesh, Spin Dirry, Terpesi, Toud Alines. Top <br>  <br>  





UCAS LUCAS LUCAS LUCAS！Get those signs out of my way！Bigger， smaller，bigger，smaller（fruk）．I can＇t tell whether they＇re at the side of the track or half way across it，coming towards me or going away．Worst of all I can＇t tell how much room l＇ve got to get between the hoardings and the lorry on the edge of the track．Kersmassh！Well，there we are．
Supertrux is based on，in my view，the exceedingly dull and



same is the same．
I guess this is where Elite have started to make life tricky for themselves．There hasn＇t exactly been a shortage of 3D driving games on the market recently，all with all manner of
got very limited control of the truck．You can＇t steer too sharply and braking is a waste of time．By the time you＇ve hit the anchors，the momentum of the truck will have smashed you into the object you were trying

## to avoid．

In other areas，though，it does fall down．The update rate and position of the signs along the sides of the road are such that the＂coming towards you＂ effect is not only unconvincing， but positvely distracting and detrimental．You can＇t tell whether you can just squeeze past an obstacle，since it moves so jerkily the edge of the road looks more like something out of the lights sequence in Dark Star than a fair representaiton of oncoming objects．Since．
there＇s so much confusing activitiy on the side of the road， your attention wanders from what＇s actually going on． Thankfully the other trucks seem a lot less malicious than in other games．They＇ll stay out of your way after a crash for a few seconds at least．

The graphics are perfectly fine．The truck rocks from side to side and there are puffs of dust and squealy rubber from the tyres．You graduate to different stages and different sorts of roads．
Most of the elements are fine， but the hateful 3D and the fact that it is definitely too difficult at the start put it below games like Wec Le Mans and Enduro Racer．




# Nobody Does it Better... 



# PREMER 

Dremier II Superieague is a tactical management game where you fight（not in the Brian Clough sense）to build a successful
championship side in a footballing world where there＇s only room for winners， otherwise you＇re in for a stroll down the job centre if results don＇t meet with the board＇s approval．

You arrive at Mega Buck United to inspect your squad of ultra talented footballers，about to embark on a thirty match marathon to glory and the league title．
Now installed in the hot seat you have the option of either delving into the transfer market in search of the vital player whose talents will provide that match day winner；or sell off that donkey in the squad．

Before each game you are shown your squad list to make a team selection．This shows form of players and whether they are suffering from knocks or injuries．You then choose a team plus substitutes for the big match．Next you are given your opponents name and their

| LEAGUE |  |  |  | TABLE |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1 | TEAM | P | $\begin{aligned} & \mathrm{W} \\ & 0 \end{aligned}$ | D | $\stackrel{\square}{\square}$ | $\begin{aligned} & F \\ & D \end{aligned}$ | $\begin{aligned} & \text { A } \\ & 0 \end{aligned}$ | PTS |
| 2 | TOTTENHA | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3 | A．UILLA | C | 0 | 0 | 0 | 0 | 0 | 0 |
| 4 | LUTON | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5 | Q．P．R | 0 | $\square$ | 0 | 0 | 0 | 0 | 0 |
| 5 | MILLWALL | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7 | SHEFF WE | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8 | SOUTH＇TO | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | DEREY | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10 | NORWICH | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11 | LIUERPOO | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 12 | RRSENAL | $\square$ | 0 | 0 | 0 | 0 | 0 | 0 |
| 13 | WEST HAM | $\square$ | 0 | 0 | 0 | 0 | 0 | 0 |
| 14 | EUERTON | 0 | 0 | （0） | 0 | 0 | 0 | 0 |
| 15 | COUENTRY | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 16 | MAN．UTD | 0 | 0 | 0 | 0 | 0 | 0 | （2） |

PRESS ENTER TO CONTINUE
called Trevor Aylott！
Premier II Superleague is an enjoyable foray into league management（I didn＇t get sacked）．Perhaps better match graphics for the footy game would have helped．For the outlay of $£ 1.99$ though，it＇s blinding value
HELPFUL HINTS
Watch out for the graveyard near Anfield（Liverpool＇s ground），they＇Il nick everything
footballing strengths and skills compared with your side．

The actual match consists of a pitch graphic which will flash up the word＇shoot＇when either of the teams attack and＇goal＇ when the ball hits the back of the net．Each half on screen lasts 45 seconds．At half and full－time，scores from the other league matches appear so you can see how your rivals for the title are playing．During half－

|  |  |
| :--- | :--- |
| 1 | SHILTON |
| 2 | ANDERSON |
| 3 | PERRCE |
| 4 | MABBUTT |
| 5 | BUTCHER |
| 6 | ADRMS |
| 7 | STEUENS |
| 8 | ROBSON |
| 9 | HODDLE |
| 10 | HODGE |
| 11 | WADDE |
| 12 | BRRNES |
| 13 | LINEKER |
| 14 | BEARDSLEY |
| 15 | COTTEE |
| 16 |  |

PRESS（M）TO RETURN TO MENU SELECT OPTION AND PRESS ENTER


## WEEK ${ }_{\text {SKI }}{ }^{1}$

## MORALE Manager REISON

＜1＞CHANGE PLAYER／TEAM NAME
〈己 PRINT LEAGUE／FIXTURES
3〉PRINT SQUAD DETAILS
4）PLAY NEXT FIXTURE
（5）TRANSFER MARKET
（E）FINANCIAL／SAUE GAME

> SALARY - £20000

ENTER OPTION
REQUIRED
time and in the second half you get the chance to bring on one of your substitutes for that extra little flourish required to bring home the points．

At the end of each match you are shown the game attendance，game receipts and how much is paid in club wages．

Now，depending on your bank balance you can explore the transfer－market and make bids for players（Terry Venables is particularly bad at this！1！）．If you don＇t have the wedge available you can sell off one of your players to raise the capital． Alternatively you can see your friendly bank manager for a
loan or blag a post office van！！
A useful tip－don＇t buy anyone

TRANSFER MARKET－BUY A PLAYER Enter Team \＆Player number

TOTTENHAM PLAYER NO． 5
D $\begin{array}{lll}\mathrm{A}-5 & F-7 \quad G-0\end{array}$
Estimated value $41850 \theta$
Enter your offer－offer 1

Neville Young of Falkirk is writing a Basic program which uses a number of GOSUB sub routines. He writes "I have a routine which is called from all over the program, and I passed the parameters for the routine in an array that is set up before the GOSUB call. This works fine, but a problem arises if the sub routine discovers an error in one of the parameters, because I then stop the program with the printout telling me that one or more of the parameters is invalid. Can you tell me of any way of finding the line and statement number of the GOSUB that called this sub routine, as it is here that the error has occurred, not within the sub routine itself." Neville has put his finger on one of the several weak features in Spectrum Basic, namely that it is not possible to pass parameters to a sub routine in the sub routine core. As readers will know, the standard call to a Spectrum sub routine is: GOSUB line number
where line number is the number of the first line of the sub routine.

It would be much more useful if you were able to
use something like the following:
GOSUB FRED ( $a, b, c, X \$, Y \$$ )
Where FRED is the name of a sub routine being called and the letters $a, b$ and c represent numerical parameters being passed to the sub routine and $X \$$ and $Y \$$ are characters being passed to the sub routine. Obviously it would be useful to be able to pass as many parameters as you required to the sub routine in question.

In order for this system to work the sub routine would have to be identified with a matching line number such as 1000 SUB FRED ( $a, b, c, X \$, Y \$$ ). Where 1000 is the line number, the sub routine and SUB identifies it as a sub routine with the name FRED and with the five parameters. This is the sort of facility which exists in other versions of Basic and other high-level programming languages. The Spectrum doesn't have this kind of facility and so Neville is working around the problem by passing his parameters in an array, the values of the array being set immediately before the sub routine call. Once the sub routine has been called, there would
appear to be no way of identifying which GOSUB in the program actually called the sub routine.

I can think of two ways of making such an identification possible. The more transparent way, which is therefore probably the better one, is to set a parameter in the array which indicates which GOSUB call is doing the calling. For example, if the sub routine is called from ten different locations within the program at lines say $100,500,1200,1900$ etc, then one of the parameters passed in the array would be the line number at which the call is made, i.e. 100 , $500,1200,1900$ etc. The sub routine could then look at that particular parameter to determine where its call had come from.

The other way of doing the job is to look up the value of the line number from which the program has been called in the GOSUB stack at the top of the Spectrum memory. The program in table 1 demonstrates how the GOSUB line number is stored. If you think about it, it is obvious that the line number to which the return is to be made must be
stored somewhere in memory, because otherwise the computer would lose track of where it was supposed to be in the Basic program. What happens is that when the basic interpreter comes across a GOSUB instruction, it stores the line number of that GOSUB instruction right at the top of memory. When it encounters a return instruction subsequently, it looks up the value of the line number stored previously, deletes the stored information from memory and jumps back to one beyond that line number and continues executing the Basic program.

The program in table 1 demonstrates how a couple of PEEK instructions can be used to look-up a line number where it is stored away.

## A further

complication which is not demonstrated in table 1 is that if GOSUB's are nested, i.e. sub routines are put one inside another so that a sub routine calls another sub routine, then you have to be careful to look up the correct line number when determining the line number of the GOSUB call.

## ... DOES THE

Matthew Webster of Sussex, has been having trouble obtaining information about the Spectrum's Rom routines.

The Spectrum has a single 16 K ROM, that provides all the system software for the

Basic 48K model. This software occupies memory locations 0 to 16383, due to the fact that this Rom cannot be moved or destroyed and is thus always available to the user. It is well worth

## ROM WORK?

studying the software in the Rom as the subroutines can shorten the users code by calling them, instead of writing new routines. Secondly and more importantly the Rom routines show how Sinclair

Research tackled certain problems, and through a little studying those techniques can easily be incorporated into your own software. The Rom routines are split up into a variety of sections, covering such


#  

## Gizmo gone bonkers? Can't get your thingy

 connected? Don't be afraid to tell us
## PRINTING AND PROCESSING

Dear ISU, I have a Citizen 120D printer, it all works. But, before I can use it, I have to do this
LOAD "EPSON" CODE 64600
then play the tape with the interface software on it, then CLEAR 645999
RANDOMIZE USE 64600
I'd like to save this onto tape, but can't see how.
Is Tasword a good program?
RA Batchelor
Stevenage
Herts

- S'simple. Get a new tape - the one you want to put the program onto. Write this program

10 CLEAR 64599
20 LOAD "EPSON" CODE 64600
30 SAVE "DRIVER" LINE 100

40 SAVE "EPSON" CODE 64600,935
50 STOP
100 CLEAR 64599
110 LOAD "EPSON" CODE 64600
120 RANDOMIZE USR 64600
130 NEW
Put the tape with the Ramprint software on into the tape deck, and RUN the program. It'll load in the Epson printer driver. Then put the new tape into the tape deck, and start recording. Press any key on the Spectrum when the program asks you to, and it will record an automatically running program that loads the Epson driver and clears memory, ready for your own programs. You can then use the tape just by LOAD

Tasword? Yup. A fine program.

## WITH AN ANTIQUE MICRO

Dear Doctor, I've got a Spectrum 128 K with Multiface 1, Interface 1 plus Microdrive, Kempston mouse interface and a Citizen 120D. When I turn the computer on, after a few minutes I have to retune the TV, and again after a few more minutes and so on. I've looked inside the computer, and can't see anything loose or otherwise out of place

I think it must be the modulator at fault - am I right, and if so, what can I do about it?
Steven Bromwich
High Wycombe
Bucks

- That sounds about right, but a few obvious points - check the TV on a proper broadcast station, to make sure it's not the set
that's drifting. Does your computer get excessively hot during operation? Heat can make the modulator tuning drift; tryrunning the computer with nothing plugged into the expansion socket for a while to see if the power supply's being overloaded. If this is the problem, then it could be a hardware fault in one of your peripherals that's overheating the machine.
None of this is likely, though. It's more common to find a bad connection inside the modulator, or a fault in one of the components that's designed to stabilise the frequency. It's quite simple to extract the whole modulator unit, and most people just fit a new one since the technology required to generate a TV signal is fiddly to faultfind and fix.


## GETTING JOY FROM MY STICKS

Dear Dr Rupe, I'vē got a Spectrum +3 , which is a year old. I have two identical joysticks (Cheetah 125+), but when I go to play 2-player games like Match Day 2 the ball keeps flying off my feet for no reason, movements are sometimes not possible and it's the same on the other player's joystick. Help?
Warren Miller
Bishop's Stortford
Herts

- Hold on a second while I dig out my Sherlock Holmes deerstalker . . ah, that's better. Now then, a simple process of elimination should reveal the culprit. First, since your joysticks work perfectly well in one player games, they can be eliminated. If all two-player games behave badly, then they can't all have the same bug so it's not going to be that. And if the games
and the joysticks are OK, the computer it must be that's wrong. There's a self-test mode in the +3 ; Amstrad did try and keep it quiet but news leaked out. If you reset the computer while holding down the BREAK key, some colour test bars appear. While in this screen, pressing the keys QAZPLM down at the same time makes it switch into the test program. If you follow the instructions onscreen, making sure there's no disk in the drive, you'll eventually get to the joystick test. You can try this, but if the problem only happens occasionally then it might not appear when you're testing, so the only solution (since all the Spectrum's +3 joystick circuitry is integrated onto a single chip with rest of the computer's logic) is a repair shop. Unless it's a bug in the Spectrum design - does anyone else have this problem?


## LOSING MY MEMORY

Dear Sir/Madam (??! - Dr R), I've got a 6 -year old 48 K Spectrum. For the past two months the 9VDC plug is loose, and has a strange habit of moving about 2 mm out of its socket. This clears the computer's memory, which is annoying.

Is the computer at fault, and how can I get it repaired?
George Tang
Lee
London

- After six years of heavy use, there are various parts of a Spectrum that are well past their designed lifetime, and I expect that the power plug/socket is going to cause more problems in the future. The socket relies on an internal leaf
spring to hold the plug in place, and this will eventually wear out.
There are a number of things you can try. If you switch the Spectrum on and off from the wall (which is perfectly safe), you can tape the plug at the back of the computer permanently. A bit of a bodge, but cheap and quick. Otherwise, get a replacement socket fitted - this shouldn't cost more than a tenner since it's an easy job and the parts are inexpensive. If you're handy with a soldering iron, it's quite simple to get a replacement socket from Tandy and solder it onto the main circuit board via a couple of short leads. There's no need to remove the old socket like this, but if you're not confident


TC is the latest and greatest，biggest and best， love－＇em and leave－＇em－ est．＇Hellow pop pickers＇，but not＇alf＇est football
management game E\＆．J have done yet，and they＇ve done a few in their time．Check this month＇s cover tapes for one of their earlier efforts．

Before I start shouting about how good this one is，I had better tell you the bad point．It＇s very，very slow．Why？Because it＇s written in BASIC．You＇d think that this far on in the Spectrum＇s biorhythmic cycle everybody would be completely fluent in machine code，but tis not to be．

| 2 | GOKEERER | 4 |
| :--- | :--- | :--- |
| 10 | OEFENCE | 13 |
| 5 | MIDFIELD | 14 |
| 5 | FORWARD | 8 |
| 31 | FIT／FORM | 43 |
| 2 | POSSESSION | 14 |
| 0 | SHOTS | 4 |
| 0 | GORLS | 1 |

BATH
BATH
32


If there＇s one direction football managerial games are moving toward，it＇s size．Not only does TC contain five divisions（four league，one non－ league），each with twenty teams，it also stores fairly detailed records on over 1,500 players．（That＇s 15 on each team）．But that＇s only the tip of the iceberg．

## TONY $\begin{aligned} & \text { FRRRINGDON }\end{aligned}$

## SEASON

 DIUISION SKILL LEUEL DIFFICULTY L．M．PLAYEDFA CAMBRIDG 4 A
（R）TO RETURN

All the usual options are offered．You know the routine by now．Save，load，display squad／table／fixtures，extra training，view／play next match， transfer market．
A team member＇s record is built up thus．Name，ability rating（out of five），fitness and in for current club，goals scored． When it comes down to the nitty gritty of a match the balance is worked out as a comparison of total scores．In your team，all the defenders
have their ability ratings added to make a defence score．The same goes for midfield and attack．The entire team＇s form and fitness score is added to make an overall score．
The match is played as in Football Director．The computer counts the minutes and should anything happen，like a goal being scored the computer flashes up the relevant info as it happens．

Now the bit I＇ve been dying to tell you about．The Transfer Market．In every other football management game l＇ve seen that has a transfer player option，the computer gives you a choice of two or three players and should you want any，you can put in a bid for them．This often results in you waiting for ages for that ideal player．Wait no longer！In TC，if you spot a player you want in any of the other 99 teams，put in a bid for him and depending on the price you offer，the opposing manager will say yay or nay on the spot．

TC describes itself as being the Ultimate Football game， and it＇s not all that far off．
 form rating（out of five），age， number of games participated

Qかんontoumum
（1）クリエコエコロロロロの
 LLEFS H


## COLENET <br> ANDERSON LOCKWOOD GILES CRAWFORD COMPTON STAPLETON BECKETT <br> HILL

는
ERHMMD


We've been down the arcades again, scooping everyone else to the big ones. Metal Hawk Namco's latest blockbuster that is due to set the gaming world alight! Off Road, where you can get your own back on all those Super Sprint smoothies. And when did you last play a game which featured a Dusty Bin look-alike? Read on...

# Metal Hawk 

f Namco isn't careful, ir'll almost start making more money than Sega - as Metal Hawk is the latest in a series of cracking games from that stable. These boys are eurrently on one hell of a roll. Hawk is brilliant. Simply described, it's
Thunderblade meets Assault, with the theme of the former and the innovative effects and techniques (not to mention the playability) of thëlatter.


You fly a meaty helicopter with a five minute mission to create mayhem at the expense of an unspecified enemy. The controls? A left hand lever to control the alfitude of the helicopter (going up/down zooms in and out of the landscape) and a central joystick to control movement.
Movement left/right works in a very similar way to the method used in Assault. Instead of your central sprite rotating, the sprite remains stationary relative to you... and the whole of the screen rotates. That's right. The whole of the multi coloured background and all the enemy sprites rotate - rotate mind, not scroll - in
realtime. If you don't realise how mouth openingly astonishing that is, ask your local computer whizz kid to write you a routine to do it. No chance.
Once you get past the opening screen, which shows you the area the campaign is going to be fought and the eight different battle zones, the action starts. And how! Strap yourself firmly in, buddy, it's going to be a rough ride... literally as it happens, as the energetic sit-in version does a great impression of severe clear air turbulence.
These sit-ins are certainly getting entertaining - and this is part of the reason Metal Hawk is so much better than Thunderblade. Remember the sit-in unit for that? No servo motors, just a few levers that linked your joystick to a set of mechanical gizmos that moved the seat around a bit.
Not only boring beyond belief, but (engage brain cells boys) it connected the whole of your mass to the joystick, giving the helicopter a momentum directly proportional to your weight. Bad news if you

wanted to make the tricky moves needed to stay alive in that game.

Meanwhile back at Metal Hawk, by now your onboard computer is displaying an arrow pointing you towards the first target and if's towards that you must go. Zooming down towards the sea in response to complex visual







## TITAN

his looks like a strange game if ever there was one. Although it looks like Gauntlet, it's based on Breakout and it scrolls. Coo-ee! As a result, each "sheet" i.e. the play area, is huge, and there's more scope for extra items - bonus power-ups objects and deadly skulls litter the play area. As well as all the usual breakout madness and addictive qualities, you can expect to find lots of mapping fun too. And that's all we know. Oh, its name? Titan, from Ent. Int.
Streetdate: July.
Price: £8.95




I seems that games programmers have a THING about V8 engines. Some time ago we were treated
to Mastertronic's The Last V8-er, a race-against-time driving game. But hush you cynics! This is

something totally different! It's more in your Outrun vein than anything else, featuring a nice big chunky sperts car, twisting roadways with a moving horizon, and loadsa opponents including a particularly attractive Porsche. Mow we're all familiar with Codemasters' high opinion of their own product, so we'll take it with a pinch of salt when they say it's "The most realistic road game ever on a

Spectrum . . . just like real performance car driving!" I bet it doesn't pull the women like a Ferrari does. still, for $£ 2.99$ it might be worth finding out
Coding's by lan Dunlop, graphix by Mark Christie, and we'll give it a quick run over the hot tarmac next ish, petrol price rises permitting. Streetdate: April.
Price: $£ 2.99$




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I's a sad lonely life being the editor of one of the most profitable and highly regarded magazines in publishing. It's no picnic working on Sinclair User either. It's been the ruin of many a good man, and lord knows Graham's one. As Our Editor moves on to pastures new, we take a lingering look at his sad demise. Goodbye, Grim, we'll miss
you...

1) The beginning. A popular figure with his shaggy dog stories. "It was this big, I said to the Archbishop!"
2) The pressure starts to show. While all around people thought he was fine, our Memorabiliascope shows the tell tale bottle of cheap champagne. Is the good life turning sour?
3) On the slippery slope. Luigi's Brasserie and "Family" Restaurant. 1987: "Regrets, I've had a few. But then again, hic, too few to menshon. ..
4) The bitter end. Waterloo Station. 3 am April 1989. He'd talk to anyone who'd give him a sip of their meths. "I could have been a contender, dad. Too much, burp too young. I burned out, and THIS is all l've go to show for it, barf."


# Loony Instant Joke Corner Instant Replies! 

## Had?" Corner

What with all the exciting staff shufflings going on at [SU Towers at the moment, we thought you'd like to know somethigh positions. careers which have led the team to Flanges Bulletin. Head Tea Boy, Floor JIM: Assistand Shellfish Keeper. Managing Tea Boy, Ling Breeder and Coverings Gazette. ALISON: Head Magazine. Assistamerer, Gnatt-Pisse Brewing Lid.
TIM: Managing Director, Alcohol Abuse Centre. Drum Major, Saivation Managing Dir CHRIS: Match Seller, Victoria Stan.
Match Seller, Waterloo Station. TOMY: 200 performances as Blackie Lawnes, four minutes.
years. Editor, Computer and Video Games, Ior, Sinclair User. Luminous GRAHAM: Deputy Editor, Sinclair User. Editor, Sioor of EMAP Towers. Supernatural Entity,

# Gremlin's Hideous Disfigurement Corner 

Every now and again we get phonecalls from people who want to work on Sinclair User. "Please please please!" they say. "I'd sit in the corner and be very quiet, and not get in the way at all, and I could just write some games reviews and perhaps make the tea for Tony Dillon."
But we never let them do it, for their own good. Because working on Sinclair User has strange side-effects. Whether it's something in the water, the radiation coming from Tim's month-old vindaloo, or the noxious emanations from the post room, sooner or later you sprout bristles, your hair falls out, your ears extend and you get covered in warts. Don't believe us? Take a look at this picture of our last work experience laddie. Mind you, that's BEFORE he came here.



Not bad. Not bad at all. Lots of jokes like "Oh, look at this x-ray of the inside of your head, Tony" along with the absurdly oblique "Here's a piece of white paper!"
Dear old Pamella Bordes began to feature towards the closing date with jokes like "Here's a list of people not implicated" (blank piece of paper - yak yak).
Yes indeed. A good time had by all (just like Pamella).
Among the very best were the following shining examples of contemporary wit. Karl Johnson came up with (Skeat - "Tie me Kangaroo down, sport" Tone - "Sayonara Rolf - Hiyal"
Gareth Pitchford from South Wirral came up with the unoriginal though suitably gung-ho "Yes it's the inside of Your Sinclair!" Christopher Greatbatch from sunny Sheffield suggested that Tony is denying Alison's claims that

## DO YOU KNOW YOUR NAME?

Pight then. Here's a list of Rreaders' names.
1 Anthony Scriven
2 Jayson Snipe
3 Paul Hurst
4 Alastair Wilkenson
5 George Pankovas
60 Tiller
7 Daniel Worth
8 Chris Rogers
9 Matthew Weir
10 Andrew Larn
11 Timoth Slessor
${ }^{12}$ Paul Marples
13 Steve Martin

## 14 Nicholas Pettigrew

Now, if you think any of the above names is yours you can win up to £20. All you have to do is call Alison at SUI on 01-251 6222 Ext 2447 and tell her why you think ISUI owes you some money. Here's a clue . . . it's got something to do with us losing your addresses, so call us today and claim your prize.
the blank piece of paper is in fact a graph representing his popularity.
However, the grand winner this month is Andrew Faulkner from Somerset who provided many a split side and damp trouser with Alison announcing that the object was in fact Salman Rushdie's new book on camoflage and concealment. Ho ho. $£ 20$ to you Andrew.

## 

ordy! What on God's earth is the matter with these two? Too many hours in the Star of Bengal? Too many hours watching satellite TV? Too many hours wishing that the pilot programme for the TV show you were in hadn't failed miserably in this country and only worked in the States?
Whatever the problem, they're certainly pretty unchuffed about something; and this is where those fertile little minds of yours come in. Are they saying anything? Are there any funny noises around? Waht are they thinking? Fill in the coupon and send it in.
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The whole thing looks incredible - the best ive seen on the Sega. Y's offers depth and playabisty and will heep you engrossed to weeks. Its a must' $C+V G$. March 1989



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