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## 'THE ARCADE COMPILATION OF THE YEAR'

## Featuring:

## RASTA

CRASH - "Rastan is slick and compelling
YOUR SIICLAIR - "So another spanker from Imagine. You'll be a fool if you miss it!

## SLAPFIGHT

COMAPUTER \& VIDEO GAMES - "Simple. Smooth. Very addictive. A winner" ZZAP - "A superb arcade conversion and a great shoot ' em up. This is one for the

## ZAPPERS collection.'

## RENEGADE

COMMODORE USER - "As conversions go this still takes some beating - literally and metaphorically"
YOUR SINCLAIR - "The graphics are so slick you really feel you're part of an action movie rather than just playing a game.

## ARKANOID

ZZAP 64 - "I thoroughly recommend
Alkanoid - for the simple reason that it's simply gorgeous playing with it. COMPUTER GAMES WEEK - "The take home message is simple. You want a great arcade game?

## FLYING SHARK

COMPUTER WITH THE AMSTRAD CPC - "This is an excellent game." ACE - Incredibly frustrating playable and addictive.

## ARKANOID

REVENGE OF DOH
AMTIX - "Excellent - cant
faulitif. A future number one.
YOUR SINCLAIR - "Immensely impressive and chronically addictive. A Classic.'

## BUBBLE BOBBLE

AMSTRAD ACTION - -It's a cracker.
Definitely a game I should keep coming back to.
GAMES MACHINE - "Packed to the brim with entertainment. LEGEND OF MAGE
CRASH - "One I wont put down until I get through to the next level.







## TRAINSPOTTERS THROUGH HISTORY

A Series In Conversation With The World's Greatest Train Spotters

(Applause). Luvvly, luvvly. Champion, and welcome to Bullseye. What a grand audience. Champion, absolutely super. And we've got some luvvly, super contestants in this week's show - let's go and meet them. First up are Tom and Fred here. Hello Tom. "Hello Jim." And what do you do, Tom? "T'm a bar-steward, Jim". Ho ho ho, champion, champion. A barsteward. Super. And your partner, Fred, what does he do?" "He's with the Inland Revenue Jim". Ha ha ha, so he's a bit of a 'bar-steward' himself then, eh Tom? (Applause, laughter): Super, fabulous. And now to our second pair, Julie and Maureen, luvvly girls, luvvly girls. Tel me Jutie, what does your husband do? "He's a lathe operator, Jim." Luvvly, smashing. And what about you Maureen, what does your husband do? "He's a quality controller in a custard factory, Jim.". Smashing, luvvly, absolutely champion. And onto our final contestants tonight, Bert and Graham. Tell me, what do you lads do for a living? "Were both train drivers, Jim." That's grand, that's really grand. I used to be a train-spotter, you know. "Really? Er, what, er, happened Jim?" Well, it was going really well, until one day I ran out of paint. (Raucous laughter). No, no, no, smashing, luvvly, champion, super - it's true Im a trainspotter, I actually live in a converted signal box! Bendy Bullies all round. Smashing!!!



1) Inconspicuous as a tarantula on a slice of angel cake.
2) Rare as a pink zebra.
3) It smelt strong enough to build a garage on.
4) He wheezed like a man who had just won a pie-eating contest.
5) She gave me a smile I could feel in my hip pocket.

We're as grateful as a spider that's just been fished out of the bath and thrown to safety through the bathroom window to Peter Young of Saddleworth

## Win (win, win) your own Craysoft Thoughtpulse Total Control Unit! (worth over (49.98)

Yes - you too can be in the enviable position of being able to play games at the same time as eating your tea with this remarkable gadget. 'Cos we're giving one away. All you have to do is complete the following rhyme, in as witty or boring a fashion as you can manage.

Well strike us with a wibblestick
And poke our Uncle Jack,
The Craysoft Thoughtpulse Joystick thing (Your go).

Send your entries to Well Knock Me Down With A Feather, It's All Really Quite Extraordinary Compo, YS, I4 Rathbone Place, London WIP IDE. All usual compo rules apply.




Are you wearing your unbelievably circular $Y S$ badge? What do you mean, 'no'. Put it on at once, unless it wasn't sellotaped to the cover of your ish - in which case you've been robbed. Hurtle back to the newsagents and demand the manager's head on a tray (or something). Anyway, the badge you are now hopetully wearing is one of four spanky YS designs. So we expect you'll want to know how to get your mits on the other three to complete the set. Here are ways of doing just that.

1) Scour all the newsagents in your area and buy three further copies of YS ('cos the difterent badge designs were randomly taped to different batches of the mag).
2) Send us 50 p , an sae and the coupon below to, Your Sinclair Badge Offer, PO Box 320 , Enfield. Middlesex.


## COMPUTER TALENT

Here's a photo we received from Code Masters, picturing two of its latest programming recruits, Petra Williamson (far left) and Gabby Raeburn (far right). Petra ( 19 is from Scotland and is both a games designer and a $\mathbf{Z} 80$ programmer. She's currently working on Code Master's Motorcross Simulator, and her interests include mudwrestling and making model jungle-animals out of pipe cleaners. Gabby ( 21 ) is from Newcastle and is now working on a Rallycross Simulator for the Darlings. Her interests are barn-dancing and freestyle trampolining.

the camera. One hundred and eightee'IIII


# MICROPROSE SOCCER 

Conversely, if you get too good, you could try taking on the might of West Germany with yourself playing as Poland. Other control options allow for extremely varied games, with effects, such as, rain, thunder, overhead kicks and banana shots coming into play.
You are presented, on kick-off, with a look-down view - not a common one, but one that works well. On the 16 -bit versions, you get no-holds barred, full screen, 8-way scrolling (so smoothl).

Throw-ins, comers and goal kicks all play their part in the game. Attention to detail is one of Microprose's hall marks and Microprose Soccer has not been left wanting in any respect. The colour of the players strips, strength of banana kicks and an action replay when a goal is scored are all excellent finishing touches to an already brilliant game. Overall, Microprose Soccer has to be the definitive football simulation - be there for the kick off!


Microprose shocked everybody when they released Microprose Soccer for the C64. Not only had they produced a non-militaristic product, they had done it with such expertise that Microprose Soccer has become an instant classic on that format. Now, Microprose have released the sixteen-bit version. Just how do they compare with the original version? Read on.
The simulation provides both indoor and outdoor action with American rules six-a-side and standard eleven-a-side respectively. The time for each game can be varied between 2 and 12 minutes. Players may play against each other or one play against the computer. Selection of your team in the World Cup Competition is crucial, as it is in real life - it is much easier to win if you are a historically good foothalling nation, such as Brazil than if you are Oman or Algeria.


CEVG Game of the Month - $95 \%$ Undoubtedly the best football game ever produced - miss it at your perill' C \& VG
TGM Star Player - 89\%
'Microprose Soccer is of the highest quality- its fast action makes it far more playable than other soccer games. TGM
Zzap Sizzler - 90\%
'One of the best soccer sims l've ever seen. Little touches like the rain on the pitch and banana shots really make it something special.'
Zrap


Atwoprose


## It's the greatest <br> giveaway <br> in the whole world, NUDRIS

Coo! Two whole free games! What a palava! What a bargain! What an absolutely splendiferous start to yet another wonderful copy of $Y S$ !
We've got something for everyone this month. For the aggressive, emotional fire signs (that's Leo, Aries, and Saggittarius) there's Mantronix from Probe Software (coders of this month's cover game, OutRun Europa, fact fans) - a 3D arcade adventure along Ultimate-ish lines.
And for those more cerebral air signs (Libra, Gemini and the other one) we have something very different. Just turn over the tape and you'll find Red Door, the first text adventure we've ever given away on the front of the mag! Yowza!!
If you're a fan of adventure games anyway, then you'll get straight into this offering from Tartan Software. If you're not, then give it a shot anyway - who knows, you might become hooked for life!
But don't be too downhearted if you don't fall into either of these fabby elements (or if you're too crap to know what sort of sign you are anyway) cos we've thought of something for you to do too!!
For instance, if you're an earth sign like Taurus (main characteristics: practicality, annoying people...) (Ahem. I think you'll find I'm an earth sign! Ed) Er,


t on
like we said, main characteristics being really, really nice, then you'll probably have great fun being practical and taking the tape apart and putting it back together again.
And finally, should you be an intuitive water sign (sorry, can't remember what any of them are) (You're fired! Ed) then there'll probably be no need for you to load the adventure tape up at all because you'll know how it'll all turn out anyway. Oh you don't hey, then read on.

## MANITRONIX $\square \square-\infty=$

Stop! Don't do itt Try sticking this on the cassette player and you'll not be in for the thirty minutes of funky electro rap you might expect, but five minutes of hissing noises (not unlike the band Mantronix, in fact, haw haw!). You're best advised to nip over to the Speccy forthwith and load it there, 'cos we can guarantee that playing the game Mantronix will be far more entertaining.

Mantronix whisks you away to an alien world - complete with checkerboard floor and zillions of hostile aliens. These aliens are not just being randomly unpleasant though, 'cos they have a job to do: guarding four intergalactic criminals with the unlikely names of Ariel Head, Max Porka, Yokohama and Xtro II.


This sort of Planet del Crime being a bit of a dodgy place to visit, then, you - in your capacity as intergalactic bounty hunter - decide that it's better perhaps to pass up on the chance to go personally - so send your faithful Mantronix droid instead.
There he goes then, a stumpy little guy in clumpy boots and an oversized spacesuit, straight into BIG trouble. Happily for him he comes equipped with a chest mounted lazer and a number of lives. Unhappily for him though, there are squillions of these bizarre wibbly aliens to defeat, most of which tend to look like salt shakers, lemon squeezers and other table top condiments.
Besides finding and doing away with the aliens and the four villains, you also have to find eight power cubes (which look like, erm, cubes) which you can use to change the direction of various conveyor belts dotted around the place. These cubes are also useful for destroying the pulsators which the 'crims' live off. These look like tall egg cups with eggs in them and legs coming out of the stem(??)

There are plenty of other collectables around too (like swag. sparklers and helmets ( $00-\mathrm{er}$ ) which give extra lives.)
That's all you need to know (or all I'm going to tell you anyway.) So now, get playing.

## REDDOOR <br> Tartan Sofiware

What a different kettle of fish this is! No pictures for a start. No Shakey

Mantronix ducks and aight a bit, left a hit, Fingt
 and





YS: Wowl What d'you think of all that then, 'Gilb'?
Gilbert: (for it is he); On the 'ead, son, c'mon, on the 'ead (??Ed) Ys: Ermm...exactly Perhaps wed better explain. If you don't watch Safurday moming's Get Fresh you'll know that Gllber the Allen is the rudest. Gilbert: Bum
YS: .. Slimiest. Gilbert: I think YS is really good, really I do, I never ever miss it fawn wimper. (Nor that sort of slimey. Ed)
YS:... Most nonsensical alien ever. Gilbert's going to be bigger than all of them (or so he tells us) once his new game from Again Again hits the shelves. Crikeyl Over to you, Gilbert.

Gilber: On milk, milk, milk, I'd walk a million miles for one of your pints, how I love you, how I love you, how I love you, dear old milkie.
YS: Erm, yes. Perhaps that was a bif of a mistake. As we were sqying, to celebrate the release of Gilbert The Alien, the game which recounts Gilbert's adventures on his home planet of Drill as he tries to find the missing parts of his spaceship 'The Millenium Dustbin,' we've got trillions of goodies to give awayl Bonzerl Let's take a closer look, shall we Gilbert?

## Up For Grabs!

Okay, if you're lucky enough to find yourself winning first prize you'll soon have one rather fabby 14 inch Bush 2114 Remote Control colour tee-vee gracing the portals of your bedroom. This is the very device regular Saturday morning viewers will know Gilbeft used to develop his 'impeccable' command of English and understanding of Earth lifell And as if that's not enough, there'll also be a Gilbert T-Shirt, a bendy toy and a copy of Alternative's Gillbent The Allen computer game to boot.

Roll in second, and you'll find yourself the owner of one of three gross Gilbert fun packs, which include a bendy Gilbert, a T-Shit and a Gilbent The Alien game too. Cool And there are also 15 runners-up prizes of copies of the game as well. Yowzal How's that then? Generous or what? Let's look at what we have to do to get a chance of winning. shall we?


Whal Mou Do!
Gilbert's just sneezedl Yuckl All the pop stars he was meant to be interviewing are ducking and diving, but that flying snot's bound to hit one of theml What we want you to do is draw the line of projection of the snot and have it-stop on whichever pop star you, in your skill and judgement, think most likely to be splattered. Remember - X marks the snoti

Once you've filled out the coupon with your name and address, send the whole lot on the back of a lump of snot (or in an envelope) to $X$ Marks The Snot Compo, YS, PO Box 1509, Enfield, Middlesex EN1 1 LQ.

- Aliens from the planet Dennis or
the Again Again nebula will end up
'lost in space' it they try and enter.
- Don't forget - your entries must
be in orbit by 31 st May, 1989 .
- Tzers's the slimmest, rudest, most
disgusting alien of the lot - so don't
mess with her or you'll drown in a
tidal wave of... (You're firedl Ed)

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## ARL NEMNE



As promised last month, the changed face of Screenshots is upon us. In fact our review pages are so changed they're not even called Screenshots anymore - they're now called Roger. Oh, hang on a mo, no they're not, they're called Reviews. It makes sense doesn't it: the pages are devoted to reviews, so we call them just that-Reviews. Totally simple, even Alifrom EastEnders couldn't mistake one of our new review pages, with its distinctive black and yellow strip running down the side. Um, on second thoughts he's so thick he probably could, but you know what we mean.
Anyway, there's a new scoring system as well, the YS Final Verdict. It's got all the information you need to sort out the duffers from the not-to-be-missed. And here's one we prepared earlier to show you how it works.

## THENEW YSFINAL VERDICT SCORING SYSTEM

As you can see if you look at the YS Final Verdict board, there's a gigantic thermometer on the left hand side and four icons which indicate the four new categories we ll be scoring on the night. The reason for this is that from now on we're going to mark games in degrees fahrenheit the hotter the temperature the hotter the game (obviousty)! We've gone from the human body temperatures of 0 ' min (that's not too healithy) up to $100^{\circ}$ max (hot, hot, hot). And with 100 rather than 10 units to choose from, our reviewers' marks are going to get even more accurate (if that's possible given our record), so here's a guide - going up in tens.

100 Wowl Total and absolute excellence.
$\mathbf{9 0}{ }^{\circ}+$ Getting up to fever temperature. Any game that scores a total score of $90^{\circ}$ and above gets the esteemed YS Megagame rating. Coo!
$80^{\circ}+$ PDG! (i.e pretty damn good). Well worth digging deep into the old dosh bucket for.
$70^{\circ}+$ Very enjoyable, but might not have lasting appeal for everybody.
$60^{\circ}+A$ few niggles. Lacking in certain areas. Think before you buy.
$50^{\circ}+$ Pretty average. Very average in fact.
$40^{\circ}+E r m$, below average (believe it or not).
$30^{\circ}+$ Due to be hospitalised.
$2 \mathbf{0}^{\circ}+$ Very poorly.
$1 \mathbf{1 0}^{\circ}+$ Critical: not expected to last the night.
$0^{\circ}+$ Clinically dead.
Here it is - an annotated YS Final Verdict board for you to digest. Oy, stop chewing the page, we meant 'mentally digest'. .
Life Expectancy: How long will Graphics: Pretty much what it be before the cassette ends up in the 'never to be seen again' drawer? Or will you still be dragging it out in years to come to have another go? you'd expect really. Are they crap? Are they good? Are they bril? Do they give you migraines? It's all revealed migraines?
right here.

## JoYstick wibeliers

And now, without further ado, let's meet your guides through the sortware jungled for this month. After brushing with death in the woodlands of Combat Zone they're sharper, and cleverer than ever, and three times as bendy in the head. They're, erm, here, and here they are. Tantara!!!


Matt 'Goss' Biellyy - Your Sinchair's answer to Danny in the Partritge Family, Manticauses girlies to faint with desire whertver he goes. He recently caused a mass swoon-th at he Benson \& Hedges intermational Netball Championships.


David 'Yo Guys' Wilson - Resident YS crooner Dave knows (and will sing, even if asked not to) the lyrics of any song ever written, regardiess of nallness. Take it away. Dave: "Unterground overground, Wombling Iree: the Wombles of Wimbledon Common are we." See what we mean?


David 'Fab Wack' Macea McCandless - Fab Wack's back! The man of a thousand faces. but unfortunately nine hundred and ninety nine of them are more hortendous than Behalibub's passport photo (see the Pistop
nanes for enaltimaling) pages tor conlimmation).


Jonathan 'Jonathan' Davies - Studious Jonathan has been having probiems with his new pel. Farty the warthog (an unwanted gili). He's decided that Farty is the most disqusting animal he's ever encountered and wants rid - quick. Anyone out there want the vile beast?


Sean 'Spoon Wirard' Kelly - Spoon-ace Sear has been experimenting with various other Items of cuitery and kitchen appliances: his new piece de resistance is juggiling live Robo Chets while talancing upside- down on the toaster. This kind of mena co-ordination is
ther
expected of YS reviewers.


Duncan 'Mad Dog' MacDonald - Dunctan has iust beaten the World record for moth-: powered light. With seventy of the lurry liftle wing-lisppers sellotaped to his shoulders he flew twelve centineters. Bung it in your book. Norris - or string him up (its the only
language he understands)!
Cor! Worra hot little number. It's such a great game its soared straight up into the red earning it the acclaimed accolade of $Y S$ Megagame.


Marcus 'Simes' Berkmann - Listen to Radio One in the mornings? Then you might well have heard our Marcus mentloned (as he constantly is) on Simon Bates' show. Simes hates Marcus. Marcus hatea Simes. We hate them both. Who do you hate?

Instant Appeal: How quickdy can you really get your teeth Into the game? Wili it slowly grow on you? Will you get straight into il?

Addictiveness: WIII you keep coming back for more? Will you get through thousands of loysticks in the quest to finish Joysticks in the quest to tinis "who cares"?

Electronic Arts/£8.95/£14.95

$\infty$
0
3Matt I'm a sausage. A silly sausage. There I was, thinking 'There's something a wee bit odd about the controls on this one matey,' and I was playing in the ridiculously silly 'goofy foot' mode all along. What an embarrassment, eh?
Perhaps I'd better explain. Skate Or Die is a skateboard sim, and whilst you're groovin'aleng on your wheels you can execute yourmoves using two different sets of controls - the 'regular foot' option which means the board goes more or less the way it's meant to, or the 'goofy' one that makes it all a bit more wibbly. This oddity apart, you'll find that this is actually very much along the lines of last year's $720^{\circ}$
You start in Rodney's skate shop where you sign in. Then it's off to the town square where you must choose the event you wish to take part in. Do this by skating down the right path. But beware you don't always end up playing the 'deadly downhill race which is very easy to select if you're not paying attention.
You have a choice between playing the eventsin a set order, or going to whichever you preter and plugging away at that. I've outlined the various events in the box to the side, sol won't go into too much more details here, except to say that unlike its rivals this seems to rely more on a sort of violent 'knock the other guy over' gameplay than on executing neat tricks all the time. Should you not have a pal at hand, you can always play the machine which provides three villains - Poseur Pete (he's easy to beat), Aggro Eddie who's a pretty tough customer and shop owner Rodney's


Gremlin/£7.99 cass/£12.99 disk

5\%Jonatian In a flagrant attempt to provoke me into the uncontrollable use of the word 'unorigitial', Gremlin appears to have unleashed yet another Nemesis/ 랑 Exolon derivative. But it takes more than that to make me snap. Besides, Dark Fusion is actually pretty good.

You're in the usual predicament. Hordes of mutant aliens pour forth, and will have to be eliminated if you're to make ft through the various levels. You start on foot, with the traditional left, right and jump movements available. Fusion pods are what you're after, and you'll find three scattered argund each level. The first two open up to reveal mega-aliens, the sort of thing you normally see knocking around at the end of each level of scrolling shooters; Once these have been atomised, the final pod gives access to the Flight Zone, a bog-standard scrolling shooter, where $\Rightarrow$ things really hotup. There are four levels like this. all very different'so variety isn't a problem.

Extra spice is added by the presence of icons These occasionally appear, and can be picked up to give you extra fire-power, energy, you know the sort of thing. You can only carry one at a time, but you can save it until it's needed.
There's also a gimmick. Yesindeed, something - hew! The longer you hold dowp the fire button, the meatier your shot will be when you release it. This means that you can either opt for rapid, puny bullets to dispatch smaller obstructions, or massive dollops which come in very handy against larger adversaries.
That's about it for novel ideas though, so it's all down to programming: Luckily there's no problem. here. Although the graphics look even more familiar than the plot, they re colourful and move smoothly, and the horizontal scrolling is particularfy slick. The collision detection is the only thing lcoald really question Obstacles seem to be surrounded by some kind of invisible but Tethal aura, so give them a wide berth
One point worthy of note is the mult-channel tune at the beginning, complete with extensive percussion effects. There's also a nice, but utterly pointless bit of animation on the title screen with loads of little balls spinning atound in formation. Welfliked it anyway.
As you may have gathered by now, I was impressed by this one. While it doesn't quite rank among the elite of Speccy shoot 'em ups, and is scandalously unoriginal (darn it, there I go), Dark Fusion is fast and playable enough to keep most, andiscerning players going 'til the bitter end



## WRITE TO THE ED, YS, 14 RATHBONE PLACE, LONDON W1P 1DE <br> Sar leter wimen receive three games': All leteren win a YS badge:



## CAN IENTER THE DUCK!

I am a subscriber to your computer magazine and, every month, I see the compos and prizes that you give away.
In January I sent a coupon for the big compo in this issue, something like 'There's No Place At The Inn......' and so on. I don't know if overseas readers can enter the compos you have, so I'm writing to find out.

I have ready a coupon for the Duck Compo, and I want to send it, but first I have to know if participation is possible.

Sorry about the English Grammatical errors, if there are ones. My English isn't perfect, and probably never will be.
Andreas Hasenack
Sao Leopoldo, Portugal
First of all, your English is perfectly okay. Secondly, participation is very definitely possible, wherever you live. We even let people who live in Holland (the land of the clog) enter our compos!!! Ed.

## KINDIY LEAVETHE STACE

Roll up, roll up, it's hold your ribs time again (doesn't time fly). This month we've got a really, really crap joke and a rather rude one. The really, really crap ioke comes from R. Renardson who hails from Liskeard in Cornwall and the rather rude one comes from Paul Morren of Fintry, Dundee. They both win an incredibly circular YS badge, as could you if your 'ioke' gets printed. Anyroad, here they are:
Q: How do frogs die?
A: They Kermit suicide.

## and

Q: What's the difference between light and hard? A: You can sleep with a light on.

The address for your humourous gems? Why, Kindly Leave The Stage, Your Sinclair, 14 Rathbone Place, London WIP IDE of course.

## POINTLESS IDIOCY

It's been a while since I've written to you, so I thought I'd drop you a line to say how great the mag is..... but I won't, cos I'm not a fawning fat slob. (A fat slob maybe, but I don't fawn.)

I write to bring both you and your readers' attention to a nasty change those, ahem, nice people at Ams ${ }^{* *} \mathrm{~d}$ have made to the Speccy +2 . I refer to the fact of the er, sex changel Inside all new +2 's (the ones with the black cases and repositioned ports) the Ams"**d engineers have now put a +3 board minus the drive circuits.

Until this pointless bit of idiocy, all +2 's could use most of the commercially available third party add-ons. Not so now! So out there are a lot of unsuspecting NEW purchasers who bought their machines at Christmas tearing their hair out. Brillidnt Amstrad, absolutely brilliant!
I myself had intended upgrading to a +2 , but not any more - Mr Sugar's cronies have put the Kybosch on that idea.


## Listen! What's that noise? 'Brrerberriberibrrb brr fut fut fut fut (sillence)' Oh mo - get down, it's a doodlebug!! Damn - ir's the waiting that's the killert the tension; not knowing where it's going to land. Tum te tum te tum. It must have missed us by now. H's probably safe to get out from under the table. Here goes.... <br> KERBLAMAMAMMM!!!

## Well, thanks a lot, Glenn

 Kernaghan from Armagh. You've just demolished Castle Rethbone. Ah well it was getting protty crowded anyway.Any of you lot out there got any 'visuals' you think we might fancy printing? Well send them in then - you know you'll get a spanking new free game out of ib , don't you? Attach your effort to a WWII Messerschmit rocket engine and launch it at Doodlebugs, Your Sinclair, 14 Rathbone Place, London W 1 P 1DE. You know it makes sense.

Right, now where was I? Ah yes, someone asked me recently if I knew what a Kylie Minogue was. Here is what I sent as a reply: SUBJECT: KYLIE MINOGUE Australian songbird of indeterminate species and origin - its voice grates on the nerves like a badly tuned set of bagpipes. Often to be seen in the arms of the, er, equally talented though less colourful Jay(son) Donovan - again of indeterminate species or origin.
Tentative links can be made with the well known stud form of Stock, Aitken and Waterman, where there's also to be found a fairly pathetic stallion known to the world as a Rick Astley. In conclusion:
Origin - Unknown
Species - Unknown
Talents - Vague
Plumage - Loud and brassy Mating Habits No data

## available

Here's to finding that the rest of 1989 sees you, if not sober, a little merry and not a lot handstand.
Zaeon the Silicon
Chameleon
(alias Malcolm Wright) Spennymoor, Co. Durham

You're wrong about Rick Astley, old bean. He's taken the plunge and left messrs Stock, Aitken and Waterman and is currently writing and producing his own stuff (and in his spare time he works for us under the pseudonym of Matt Bielby). Ed.

## MEGA NASTY

Although I think your mag is brill l'll get straight to the point. I claim to be the first person (under 12) to have completed R-Type. Here's how you destroy the end of level mega-nasty. Destroy eyes with fireballs and then destroy the thing that pops out of the middle ( Oo -er. Ed). There you go. Rory Wilson

## Currie, Edinburgh

PS You're beautiful.
And you thought it was hard - wait until you get to level fourl Ed.


## a VEGETABLE WRITES

I never win anything (well, okay, I won a holiday in Disneyland once - but that's too cheap to count). Anyway like I said, I never win anything so you can imagine my overwhelming joy when I had a letter published in your mag last April and I realised I had won an exclusive $Y S$ badge! Honestly, I cried with joy all day.

One year on and you're turning me into a blithering parsnip. I get up at 4.00 am every morning and wait the three hours and fiffy-two minutes for the postie to arrive. I rip open all the mail, but as yet no badge. In fact you're turning me from a parsnip into a .......erm, piece of broccoli.
Anyway, regarding the Feb ish. Have you read G. Curries lefter? Whaf a load of bunnyl

Still in the Feb ish, what the heck is Roy Orbison doing playing A Question Of Sport in the Future Shocks section? This is surely a major achievement since he isn't a sportsman and more remarkably as he is dead!

## Guy McEvoy <br> Penrith, Cumbria

He was being propped up by Bill Beaumont (and, incidentally, he answered more questions than lan Botham). Oh, and sorry about your lack of badge too. I can't think why you've not received it yet. Anyway, there'll be one winging its way to you, iust as soon as we've received the latest delivery of badges. Ed.

## VIOLENT INTENT

I would like to mention that in your review of $R$-Type you gave the mega graphics nine. Just nine! Ptuil They deserve a million.
Anyway, YS is brillo, with all the free games and demos, but there is one problem - some of your POKEs are too long. Why don't you put them on tape? (We did last month. Ed).
If you don't print this letter I will burn all my copies of YS and smash all the tapes (I will also kill Duncan because he bodged the $R$-Type review).

## S. Wigginton

Hucknall, Notts
Crikey, you make Ayatollah Khomeni sould like 'the voice of reason'. Erm, on second thoughts maybe you don't. Ed.

## EXTREMELY PEEVED

I am writing this letter in total fury. The game concerned is $R$ Type. Whaaat?? "He must be nuts," I hear you say, but the better games players among you will have already discovered what I'm about to impart (and the rest of you will eventually). The problem concerns level eight - or rather the lack of it. When you finish level seven and load in level eight, you get a replica of level seven again. And there's more - if you complete this level eight (seven) the game just scrolls on for ever, no end of game sequence or message about depleting the Bydo Empire. I therefore urge readers not to buy this game as it is a rip off!
J. Parker

Norwich, Norfolk

Woah, woah. I've been onto Activision, who is extremely concerned about this whole state of affairs. Somewhere along the production line someone made a major cock-up. The chump responsible for the missing level has been decapitated (or something), and Activision is remastering the entire game, so anyone who wants to finish it can write to Activision (enclosing their original copy) and have the completed version forwarded to them. Ed.

## NUT CUTLETS

Your normally tasteful magazine is going down in standard. (Oh no, not another one. Ed) In the old days language such as "perv", "oo-er" and "Sam Fox's $\mathrm{t}^{*}$ ts" was used, alongside pictures of scantily clad women, acting merely as innocent sexual objects. But in the May issue I noticed the word "meaty", and a reference to "bacon" on page 42. Don't you realise there are impressionable youngsters reading your magazine? You should be ashamed of yourselves, using such indoctrinous, brainwashing language! I look forward to the return of your traditional high standards.

## Andrew 'Meat is Murder'

 LyonsLondon W7

What's your beef? I don't want to get sausagey about this particular can of pork, but if you ask me, you're off your bacon. It's rare for me to get steaked up about things (well, medium rare, anyway), but you've got me grilling on this one. Come up to the office and you'll see what we can do with a $T$-bone unless you're chicken, of course. Oh my God, once l've started, I can't stop writing this tripe . . . giblets . . . venison Ed


> TRAINSPOTTER AWARD

## IT'S A FAIR COPPER

Well, what can I say? You've gone and made another total cock-up ain't yal lf you cast your eyeballs over page 29 of the Feb ' 89 ish, you will find that you have a POKE for Hopper Chopper. You silly prats! The game happens to be called Hopper Copper! No flippin' HI So hurry up and send me my Puffertrainspotter Award. Don't blame poor little Philipkins either - it wasn't his fault.

## Jonathan Clay Doncaster, South Yorkshire

Oh yes it was (oh no it wasn't?) oh yes it was! Ed.

## UNSUCCESSFUL ATIEMPT

Let's examine the February issue, shall we? (Go ahead. Ed). On the Contents page it says that the Back Issues are on page 90 , but alas page 90 is an ad for some Martech games - you will find the Back Issues on page 160.

On page 22 in Kindly Leave The Stage, the joke says 'How do you turn a duck into a soul singer?' Surely it should say 'How do you turn a duck into a solo singer?' And lastly, in the letter from A. Adema (page

## THE NAME GAME

In the September issue of YS Tom Price from Devon wrote in saying that Northstar was an Industrial Estate in Swindon. To this you replied 'You'll be telling us next that the Magic Knight isn't a hero with special powers born of a land of fantasy, but a British Rail ticket collector at Swansea:

Guess what? My best friend has a brother who has a girlfriend who has a second -cousin (twice removed) who's
23) it says 'PS How many bades do I deserve?' Surely it should have read 'How many badges do I deserve?' You can send me a Trainspotter Award now.

## Alex Birdsall Totnes, Devon

Point one. You won't find anything at all on page 160 largely due to the fact, that page 160 doesn't exist. What you meant to say was 106.
Point two. The joke was about Bill Withers, who is a SOUL singer. So there.
Point three. A Adema did actually ask us to send him a 'bade'.
Looking at the evidence, 1 come to the conclusion that you actually owe me a Trainspotter Award. Ed.

## YOU WHAT??

I've spotted a mistake on your Letters page! Unbelievable but true!

I quote "Please please please, you have got to... I haven't missed an issue since issue eight of Your Spectrum!!" Whaal? Pardon me, am I deaf? (No, just stupid. Ed). Should this not read Your Sinclair? Please send me a Trainspotter as I have never spotted anything at all before.

## Robbie Ulietinck

London N7

You still haven't you clot. Once upon a time there was a mag called Your Spectrum, then one day the name changed to Your Sinclair. Same magazine, different 'monicker'. So you don't qualify for a Trainspofter at all. In fact, I might not even send you a badge (aren't I mean). I'll shake up this can of Diet-Coke to decide - if it squirts all over the place when I open it you don't get a badge, if it doesn't you do. Shake shake shake shake (shake shake). Click. Psss!! Blimey, you were unbelievably lucky there. Ed.
mum works at the Swansea British Rail ticket collection office. One of her workmates is called Magic Knight. What do you think of that then?
David Taylor
Darlaston, W. Midlands
Alright then, and before the rest of you write in we already know that Monty Mole works in the Wimpy in Crewe and that Vixen is a manageress in the
Shrewsbury branch of
Sainsburys. Ed


## CLAIRVOYANT

I have a serious matter to discuss with you - why, oh why, don't you put adventures on the cover tape? (We have, we have. Ed) I know that there would be complaints from a lot of people if you put just an adventure on the tape, so you could have an adventure on one side and an arcade game on the other. (We've done that, we've done that. Ed)
I think you'll find a lot of people satisfied with something like that. (We know, we know. Ed)

I'm not an adventure freak but I do like adventures. I read the magazine every month and I am very pleased with the quality. I used to get a lot of the other mags too, but lately they've been getting tediously boring so I don't get them anymore (even the cover games are crap).

Give my thanks to Phil South for printing my Last Ninja II maps - he said there's a future in illustration for me (which is actually what I want to be - an illustrator). What qualifications do you need to become an illustrator? I'm doing A Level art and some other subjects. To all at YS: you're brill!!

## Allan Walsh North Warrington, Cheshire

And jolly super maps we all thought they were too! Um, you don't actually need qualifications to become a successful illustrator, you just need talent (and tenacity). However, a good art college would be the next best step: after you've finished your A Levels, that is. Ed.

## BUG BYTES

Send me a badge or my pet fly (enclosed) will bite your head off.

## Max Robertson

Harpenden, Herts
PS It may be dead by the time it gets to you.


You were right. It was as dead as a dodol And your bargaining power perished with it. Still, I'll send you a badge anyway. Ed.

## THE WONDERFUL WORID <br> OF THE SPECCY

Every month we ask you to write in from lands afar, so you can have your letters printed in this, our 'international' section. This month's 'person from elsewhere on the planet' comes from Ireland. His ruse has worked (because we were feeling generous), but it won't work again - remember, a postmark saying 'Scunthorpe' is a birrova giveaway. Oh, and there's someone from Italy in there tool!

## LOVE LINES

Dear Miss the Editor
I have thirty-three years old and $I$ read your magazine since the issue first.
As I am getting very much the older I would dearly like the Trainspotter Award as it would make happy me for rest of my life.

The error / spot is the page nine of issue 39 in March. Under section of making a Valentine card step five, the word envelope is spelled out
enevelope.
If you would send award for me it will make me very happy for rest of my life.
Also thank you for printing picture of Bernadette Tynan. It will happy make me for long time.
t am your award expecting humbly faithful.

## Mervyn Neill

Nertownards, Co. Down PSt am not foreign at all, but it appears to me that in all the years that l've bought your mag it's the only way to get a letter printed.

Seems to have worked, doesn't it. But before you get foo smug, I'd better tell you that your badge is being sent to Poland do you get prizes for telling porkies? Not in this mag matey! Ed.

## CENSORED

Don't ever think of printing my lefter in Small Print or in the Wonderful World of The Speccy section, okay? Gabriele Roncolato Milano, Italy

I wouldn't dream of it. Whoops. Ed.

## MORE WEIRD ALIENS

I would like to air my views on software piracy. Wait a minute, what are all these lights? What is that strange noise? Who are these disfigured beings? AAAAAAARRRGGGHH!!

- Greetings earthlings, we are from the planet Sdfghikl (whose letters come in a row on your typewriters). We are on a desperate mission - our planet is dying and we desperately need what you earthlings call ' $A$ YS BADGE'. This will stop our


## SMALL PRINT

When I pull blu-tac off my bedroom wall, the wallpaper comes off with it.

## Leigh Loveday

W. Glamorgan, Wales

Remove little bits of wallpaper from behind the radiator to cover the offending areas. Ed.

Don't ever think of printing my letter in Small Print or in the Wonderful World of The Speccy section, okay?

## Gabriele Roncolato

## Milano, Italy

Would I do something like that? Ed.

Please could you send me a poster of Bernadette Tynan.

## 1. Worthington

## Rawtenstall, Lancs

Fresh out, I'm afraid: How about one of Bernard Matthews? No, thought not. Ed.
planet from folding up until it fits into a piggy bank. Please do not fail us. Beewooweewooo -

Who were they? Anyway, l've forgotten what I was saying now.

## Neil Stewart

## Glasgow

PS Aaaacaarrghl!! The aliens are back for the PS's!!

It's strange, I agree, but l've also noticed that when aliens suddenly disappear they make a 'beewooweeewoooo' sound. It's enought to cause amnesia in the bravest of folk. Ed.

Tell Matt Bielby to stick a deckchair up his nose.

## Richard Dunn

Horsham, Sussex
There's no room - that's where he keeps all his Rick Astley singles Ed.

Thanks for the talk. Please don't play with my name, okay?
Miguel Alexandre
Franco, Ferreira
I've got a confession to make, I had a quick game of croquet with it. Sorry. Ed.

My mum ripped out page 69
because of the pervy picture -
and I was interested in the article as well.

## Richard Preston

Holmfirth, Huddersfield
That's censorship for you. Ed.

[^0]
## OOH, YOU POOR DEAR

## Your problems solved by Madam Pico



## Bottom!

Dear Madam Pico
i'm stuck at the botom of a swimming pool - my thumb is lodged in the cleaning vent and I'm rapidly running out of breath. Luckily rapidly running out of breath. Luct
I happened to have a waterproof I happened to have a waterproo
pen, paper and ready stamped pen, paper and ready stamped
envelope secreted away in my trunks envelope secreted away in my trunks
(for iust this kind of emergency) (for just this kind of emergency) -
only hope that someone finds this only hope that someone finds this
letter floating on the surface of the letter floating on the surface of the pool and posts it to you. Tm at the bottom of the deep end (12ft) of the Brighton pool (near the marina)
Please help me:
John Salmon
Brighton, Sussex
Dear Jobn,
Judging by the date on the postmark I would imagine it's too late to belp, but just in case it isn' ! would suggest that you thrasb your legs and free arm about wildly. This might belp to draw someones attention to your sub-aquatic plight.

## Sore Thumb!

Dear Madam Pico
I know a lot of people who write to you send in pretend problems, but T've got a real one, so please take if seriously. Im really tall: six foot five and a half inches to be precise - and Im only rwelve vears old The problem is that I'm quite shy and probicing and don't like to be noticed, retiring and don't like to be noticed but theres nothing I can do about the fact that I stick out like sore thumbt In fact it's worse than that I stick out like a giraffe in penguin colony. All my friends are about 18 inches shorter than me - what on earth can I do about it?
Ian 'Tofty' Pledge
Stoney Stanton, Leics
Not a lot, I'm afraid my love. All I can suggest is that you drop your current circle of friends and start banging around with basketball players ar bigb jump atheletes. As you get older your problem will iron itself out as your peers catch you up in the beight stakes (unless you continue to grow at the ridiculous rate that you bave up until now; in which case you'll afuatys poke out in crowds).

Have you got a problem? Well don't despair: Let Madam Pico belp you. Send your problems to Madame Pico Problem Page Your Sinclair, 14 Ratbbone Place, London, WIP IDE. All letters will be treated in the strictest confidence.


## Thinking caps on again folks, Pete Shaw's around to tax the grey matter once more...

## NUMBER JIG

Time once again to win some goodies, you lucky people! This month our Prize Trickster is provided by lan McCormack from Paisley.
'Tis very simple (honestl). All you have to do is fit all of the numbers shown in the list below within the puzzle squares.
Just to be extra generous, lan's already put one in for you.
Oncelyou've done that, fill in the coupon and post the whole shebang off to Don't Think You've Got Me Fooled For One Minute, Ga, Ga, Ga, Compo, Your Sinclair, PO Box 1509, Enfield, Middlesex, EN1 1LQ. And you may just get your hands on some new software. Waheeeeyyy!!


Three Numbers
$\begin{array}{lllllllllll}107 & 162 & 176 & 178 & 182 & 195 & 231 & 232 & 282 & 316 & 364\end{array}$
$\begin{array}{lllll}431 & 804 & 831 & 888 & 891\end{array}$
Four Numbers
$\begin{array}{lllllllll}2010 & 2221 & 2612 & 2734 & 3214 & 3237 & 3423 & 4236 & 4834\end{array}$
$\begin{array}{llll}6420 & 7310 & 8405\end{array}$
Five Numbers
$38527 \quad 63781 \quad 74216 \quad 88123$
Six Numbers
304651621430


Na , you ain't got me yet, matey! Here's my totally brilliant entry, so where's the goods?

Name

Address

Postcode

And of course my entry will be with you by 31st April 1989, or I know you won't even look at it.

## WHICH WAY, JOSE?

Mon namesake, Pete Shears from deepest, darkest Devon sent in this luverly little puzzle. See if you can sort it out.
A man has a square house, and all the windows (one in each wall) face south. He is looking out one of the windows when a bear walks past.
What colour is the bear?

## WEIGHTY PROBLEM

I'll hand you over to Master P Gillibrand from Sheffield who is just set to trick and tease you with his puzzles.
There's a box filled with water which weighs 5 kg . What can you put in the box to make it weigh less?

## TIME FOR MIME

## 'Pon my soul - Master P Gilibrand's back with another. .

A deaf and dumb man went into an ironmongers shop to buy a hammer. He couldn't speak so he mimed hammering. Next another deaf and dumb man went in wanting a screwdriver - so he mimed putting in a screw... Then a blind man went in and wanted a saw. What sort of mime did he do?

## SPORTS FAN

Ta ver. much Mr Ricky-Boy White of Doncaster for this trickster...
If you have an Umpire in Cricket and a Referee in Football, what do you get in Bowls?

## 180 !

Stephen Kemp provides the next problem for you lot. Work this one out if you dare.
Using a standard dart board and finishing on a double, what is the least number of darts you need to score 501?

## END BITS

Thanks to all those who wrote in this month (especially Declan Meade, but I'm saving yours for something special!). Remember there's all sorts of goodies up for grabs if you provide any of the puzzles printed in this months issue. There's a bundle of three games for the Prize Puzzle writer, and a badge for everyone else. So get sending, to Pete's Puzzle Page, Your Sinclair, 14 Rathbone Place, London W1P 1DE. Oh and if you're stuck on this month's teasers, turn to page 91 for the answers.


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OutRun Europa's about to rev its way onto Speccys around the globe, so we plonked Duncan MacDonald into a Reliant Robin and sent him over to Probe to have a quick pre-release gander at it!
The conversion of the arcade classic OutRun was a bit of a disappointment for Spec-chums, as you probably know - the problem being that the programmers actually tried too hard to be faithful to the original coin-op. Four hundred trillion sprites the size of Mount Everest was a nice idea in theory, but in practice even the renowned processing speed of the rubber beermat couldn't cope leaving the gameplay wallowing in sticky mud. The race crawled along at the speed of Ayers Rock (that's not particularly quickly) making the 32,000 multi-loads a tiresome chore rather than a brief resting period between levels. So what of OutRun Europa, the follow-up? Have the programmers learnt their lesson? The answer is a resounding 'yes indeedy' by cracko, so read on to see how well they've done.

## Drive On

In OutRun Europa you're at the wheel of a convertible Ferrari Testrossa (like you were in the original OutRun) and you've still got the tasty 'chick' in the passenger seat, praise the Lord. (That's nuff of thatl Ed) You've got a lot of driving in front of you though, namely from here in good old Blighty all the way to West Germany, taking in the 'delights' of France, Italy and Switzerland en route. Each of the five countries is split into three different stages; rural, suburban and urban, so in essence we're talking 15 rip-roaring, hard driving levels! Yahooo!
Hacking along England's country lanes at hundreds of miles an hour, you pass hedges, trees and telephone boxes. Up hill, down dale, as the road

scrolls inexorably towards you - oh dear, what's that up ahead? Looks a bit like another 'motor', a Lotus if I'm not mistaken - a nifty bit of overtaking's in order here, I'll be bound. Blimey, he's moving over. Crikey, I can't get through. Quick, over to the other side of the road. Yikes - a telephone box! Blaaaarrgh! Curse British Telecom! In fact, curse these country roads and all Lotus drivers - I'll be much happier when I get to the city.
An hour later. Yippee, there's the Post Office Tower - and there's a London bus. Yahoo, there's a taxi-cab, I'll carve him up. The infidel. Inhale my exhaust fumes, cabbie. Ho ho ho.
From the city it's back into the country again, aiming for the English Channel and, ultimately, the continent (after crossing the Channel 'Bridge' which the programmers plumped for
instead of a tunnel in the interests of ingame speed).
France, aaaah. Ooh la la, the weather over here's a bit naff (yes, there are actually climatic changes in this game) and the rain's coming down in buckets. Oh look a couple of 2CV's. No mirror/ indicate/manoeuvre malarkey in this country - just steam past with all the stops pulled out, that's the only kind of driving they understand. Yikes, slippy road 'cos of the rain. I forgot. Blammo!! My apologies, monsieur 'Johnny Onion'!

## When In Rome...

Drive through Paris, head South East (the weather improves in these parts) and you hit Italy. Bang. Oh dear, the drivers here are even more mental than they are in France, and there are some mean cars to go up against, like other Ferraris and Lamborghinis. They try and barge you off the road, and to make matters worse the weather closes in again. Still, go for broke, eh? Wheeee! Yes, yes, yes! Yes, yes, yes! Bang! Drat!

Having negotiated the torturous twists and turns of the Italian landscape, it's time to head north

through Switzerland where it's not only snowing and very slippery, but for the most part you're driving on mountain roads with a sheer drop on one side. Yikes. Anyway, should you make it through unscathed you'll find yourself on the final leg - a high speed romp on a German autobahn. You're badgered by BMW's and Porsches, the weather's got better again but now you've got to get to Berlin, where the race ends. Good luck chum, you're going to need it!

The steering of the car has been programmed beautifully. You can oversteer, understeer and even pull yourself out of a potential skid by yanking the steering wheel (sorry, joystick) from one side to the other. Oh, and another nice touch is that after you've finished a country a passport pops up on screen and you get a stamp in it (a passport stamp, not a 19p postage stamp you clot).

Yes, it has to be said, OutRun Europa looks like it's going to be the definitive motor-car racing game. With brilliantly detailed scrolling backdrops, beautiful road-side graphics, changing weather and cars that are 'intelligent' ('cos the Speccy remembers where they are even if they're behind you), the successor to OutRun looks like it's going to be everything (and more) that OutRun should have been - that's, erm, oh dear, I can't think of a good enough superlative. Hang on, I'll just have a look at the back of a Code Masters cassette inlay. Ah yes, that'll do. OutRun Europa is going to be amazingly brilliant. Boing.

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| :---: |

## A CLOTS GUIDE TO HOW AND WHY

Why Is The Animation So Good In OutRun Europa?
Animation with a pseudo 3-D
effect relies on things in the distance being small and things close up being big. These are two 'frames' of animation - near and far. Here's an OutRun Europa Beetle in the distance.


If you put your foot down to catch the rogue VW up you wouldn't expect it to suddenly look like this, would you.


Unless of course you closed your eyes for a couple of seconds, but that's not the kind of driving that's likely to get you through a driving test, is it now? In fact closing your eyes while driving at speed is downright dangerous. DON'T DO IT. Anyway, with open eyes you'd expect the beetie to get gradually bigger - like this.


Much more lifelike, n'est ce pas? The same thing applies to bus stops, telephone boxes and, well, everything really.


All the objects in the game have twelve frames of animation, which is why everything scrolls smoothly towards you!

If There's So Much In The Game How Come It's Not Slow Like OutRun?
Because programmers Probe learnt from the mistakes made on OutRun. Also, because this is an original game (not a conversion) Probe were able to do pretty much what was needed to make the game really playable, rather than just attempt to mimic a coinop which couldn't be mimicked. One 'time-saving' move was to drop the fork in the road at the end of levels - this apparantly used up loads and ioads (and loads) of memory space and added nothing much to the enjoyment of the game. OutRur updated its screens at something like four frames per second, while Europa manages ten (more than twice as fast) -even with sprites as big as this to deal with:


# We all know that Actions speak louder than words. 

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## THE SPORTING COMBINATION



## HNIS'NTIPS



## TIPSHOP

Who's that geezer over there? Why, it's the new slimline Philip Snout, slurping a sugar free drink and chomping a rice cake. Any tips, old mate?

You betcha! Hey, chill out, hotshots... Let's rap. What's goin' down, bro? I tell you what's going down... TIPS! That's what's goin' down!

So what are we waiting for? Let's bring 'em on.

But first, a word from our sponsors.
Have you got a tense nervous headache? Do you
wake up in the middle of the night sweating? Do you find it hard to concentrate on your work? Do you suffer with piles, dyspepsia, and nasty rashes? Does your breath smell and are you irregular? You are? You do? You have? BOY, are you a MESS!
Okay, enough gags, on wiv the tips. Ima9
Khhhch ... ptui! Yep, it's Spitting Image, your favourite show. Everyone's favourite
politicians get the political poop booted out of them by other well known figures. Isn't this the shape of political commentary to come? I dunno, burrit sounds good. The game's not so bad either, being a sort of beat 'em up with knobs on. Now Craig Smith, who is a sort of Phil Snout with knobs on, has further details for your diary.
" Try to get your opponent into a corner on the right hand side of the screen and then hit, hit, hit repeatedly with body blows until their energy goes down. While you're beating them up, get


Another one from the amazing Jamie Cristobel. Worra draughtsman ... in fact shut the door, there's a real draught in here.... BLAMI Thass better. So here's the new Dinamic Navy Moves in all its monochromatic glory.

your sidekick to throw their bottles, and condoms.

- Sidekicks only ever enter from the left hand side, so your opponent has to be on the right before they can be hit.
hit. To attack opponents it's best to use body blows, but to run away use a backward or forward jump. Believe it or not, Ronnie tends to be the best champion, as he can attack from a greater distance with his long necked headbutt.
- Special moves take away quite a lot of your opponents energy, but they're slow and you have to get fairly close. Remember that after you've discredited a few leaders, then the others speed up by about a zillion times."
Hmm , thanx Craig. And wipe that gob off your face, it's disgusting.


## Renit

A quickie for a cheapie. Raw Recruit is quite hard (fnar) so thanx to Trev Humanoid Lake for this.
" $\bullet$ If you are finding Raw Recruit by Mastertronic quite hard (fnar) you can enter MONEY FOR NOTHING (including the spaces) then follow the instructions to play whatever you like."

Thanx Trev. Hmm, that sounds like a Dire Straits reference to me. Could it be that the maker of this game is a Baldy Headband fan? Possibly. I'm keen on these cheats, you know. I wonder how people find them ... mind you I suppose if you had a monitor program, or disassembler of some kind, you could search through the code to see which letters the program was looking out for? Hmmmmmmmm . . tip, tap,

## rustle. <br> Who?

Look here, l've got this letter from a bloke called Allan Walsh, who got his maps ' $n$ ' stuff printed in a recent issue. It seems I spelt his name wrong, so here I am telling you. It wasn't Allen Walsh, it was Allan Walsh. Got that? You know, that bloke called Walsh at your school... yeah, the one with the ... and the big. yeah, you know the one. (Hem hem.)

A positive manure pile of tips for this one, and a good job too. This was one mean and moody game, and l'm surprised it's taken this long to get people's collective dander up, (honk). So thanx indeed to Joseph Roberts, Peter 'Tyne And Wear Tipster' Nuttall, Paul Gillibrand, Conor Watson, Chris Lloyd and Pete Mack for their brillo-skillo contributions. So let us now enter the realm of the Double Dragon.
" $\bullet$ To get down high drops, don't just drop or you'll be splattered all over the pavement. Jump and you'll land without being hurt. - If you have a whip you can hit people directly behind you. In one swing you can hit the person in front AND behind.

## - The best moves are

 headbutts and flying kicks. With these moves you can knock an enemy over in one hit.- When fighting the big men, watch out because they can hit you when you're not directly in front of them.
- When you knock a big man over, stand still and keep on punching, this way he won't be able to hit you and he'll die quickly.
- On mission five, stay on the edge of the walkway to avoid the statues with the spears.
- Abobo: These are real nasty. If they are a bit further up or down the screen from you, they can still punch you. To get them, keep doing flying kicks and pressing up or down. When you get them down you know you're on the same pixel row as them, keep kicking.

- Black Abobo: Same as for Abobo.

- Lopar/Williams: Kick or elbow them. If they do flying kicks then flying kick them

back. They always have bats or barrels, and on later levels, knives. And watch out 'cos they're handy with any weapon lying around.
- Willie: Man with machine gun. Keep as far away from him as you can, or he'll shoot you. Keep hitting him and stay close to the men with him, so he doesn't get a chance to use it!

- Linda: Kick her, and grab her whip. But don't let her get behind you or she'll punch you in the back.

- Chintai: Same as Lopar. Except he always has a bat or knife. Very good at barrels.


Your Mors - Kicks ios lots of yur - Elboi Go kick. - Puncigac kick. - Hair $\mathrm{Cl}_{\mathrm{b}}$ good. Tres - Headitt: - Flying ict - Whinh good. Weapor - Rock ot have to in throw it - Barrese - Throing but hars - Whip ika good asse - Baseim But dor is Comple Sc Level 0 - Keep in up the lat Chintailint sliding or: to themnd punch elic grab he hi lash he d Once youe a little bo. and walr the bat shouldepr to deat hi the ladoni doors. platformt

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1ard I position.
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pletesolution One
ep geng right, beating te Lopr/Williams/ tai's tetl you reach the ng dors. Stay right next em, ad as soon as they h or lok Linda down, her vip and quickly her tideath. (Youch! Ed) e youp done that, move le bit ) the right and left wait ff the Lopar with at to ome at you. Kick, slder frow and whip him eath. hen climb up to addetext to the sliding rs. Wa along the orm util you see Abobo

crashing through the wall. Jump down next to him (remember to jump or you'll land face first) and elbow or kick him to death as these are the most effective moves on him. After this go right and beat up the Chintai (try to get his knife) and finally the last Abobo.

Level Two

- Beat up everyone, keep going right and pick up and use any baseball bats you can get until you reach the sliding doors. Remember not to bash your head on the way up to these. Stand next to the wall before jumping over it. If you have a bat when you reach these doors, then bash Lopar and both the Lindas as soon as they come out of the doors.

If you don't have a bat, jump-kick them all down then elbow them to death. If you like more elaborate deaths, go up to the ledge near the sliding doors, jump down just next to escalator. The Lopar will try to follow you and land on the escalator...
sppillaatttt!

Level Three (a) - Beat up the first four men, grabbing a bat if you want to, and waste the Linda coming out of the sliding doors. Grab her whip if you fancy, but make sure you aren't carrying anything first. Two dead men later you will be attacked by two Williams with knives. Stick really close to them so they can't throw their knives, and kick them to death. Once they are dead, grab a knife and hurl it at Chintai on the next screen. He will drop his knife, so stay close to him and kick him to death so he can't pick it up again. Then grab his knife and fling it at the final Abobo on the last screen. You will only need to kick him down twice to finish this level.

Level Three (b)

- Quickly jump over the Chintal and Lopar at the start of this level. They will follow you, forgetting to use their knives. Elbow them both to death, grab a knife and chuck it at the Abobo. Then finish him off with kicks, or go to the end of the bridge (being careful not to fall in the river). It's easy from here. Pulverise the next four weaponless opponents, and then you'll meet a Williams with a barrel. Don't go too far away from him, or he'll bung it at you. Kill him using kicks and shoulder throws and don't let him pick it up again. Once you've done this, repeat the

process for the next Williams with barrel. In the last screen there are two Abobos. Beware - one will go higher than you, and the other lower, and they'll both punch you while you can't reach them. You can flying kick them over, one at a time, although this is time consuming, taking 17 flying kicks to kill EACH ONE! Lure one of them to be level with the other by moving up and down. Once you've done this elbow them both to death. Finished.

Level Four

- You'll find yourself on top of a cliff. Walk off it and do a flying kick on the way down to land safely. Always be careful not to just fall off the bridge. Beat up both the Lopars on the bridge, and keep going right until two Chintais fall from nowhere, both with knives. Remember to keep really close to them to stop them knifing you. They'il both walk together, so flying kick them both together. Once you've done that... STOP! Go too far to the right and you'll fall off the edge of the bridge and plunge into hell. Going up the ladder's a wiser path. As soon as you see the two Lopars and two Chintais, go to them 'cos one of the Lopars is very good at long range barrel throwing. They come at you crammed in a pack, so it's very easy to floor them all with a few kicks. Once they're all dead, the final screen holds two Williams and an Abobo. Just wait until they're all in a line, and flying kick them all over, and finish them with kicks and elbows.

Level Five (a)

- As soon as you start this level, there's a Lopar behind
you. Quickly elbow his head in, and let the Chintai and the other Lopar come to you. As soon as they come near you, flying kick them over, then elbow them to death. Now things get tricky. Three bars of rock swing out of the wall at you. The best way to get past this bit is to take a runner at it, jump over the first bar and, always jumping, you should get past the other two bars. Or you can try carefully jumping over each bar, stopping perfectly between each bar, but this is dead hard, (funarr). Once you've cleared the bars, keep on jumping and you should clear the spike the statue starts moving. If you're too slow, do a jump just underneath it and your head should just miss the spike. Repeat for next spike, and you should be confronted by two Williams with knives. Keep close to them as before, but beware - if you try to dodge a knife one bungs at you, you may fall into the moat below you. Kill them with kicks, and do the same for the final Chintal with the knife. Now go get that girl of yours!


## Level Five (b)

- At the start of this level there will be two Abobos.
Flying kick the first one over, then let the other one come at you, then elbow them both to death. There are no weapons on this level so it's solid fighting. Go along after the two Abobos, being careful not to fall in the moat. On the next screen, you will have to beat up a Williams and a Chintai. The final screen holds Willy, (honk). He's the mean bloke who stole your blonde in the first place. He's protected by a Lopar, two Chintais and an Abobo. They all walk in a pack, stray too far from it and you'll be shot or pushed over by Willy's gun. Use the extra time you get at the start of the level wisely here and try to take out the Chintais first with flying kicks. Once they die, two more come in. Let them join the pack and it should be easy enough to kick or elbow the whole bunch of them down until Willy eventually dies. Once he does, go and enjoy a slobbery kiss with your girlfriend. The final message is MAY YOU LIVE HAPPILY EVER AFTER. Ahhh, innat nice?"

Many thanx to all of you who contributed to this amazing tipoid. Badges all round I think. (Of course the badges are round. Don't be ridiculous. Ed) you'll have an infinite ship, and a message will appear to tell you it's worked."
Coo, wotta beezer geezer you are, Mark to be sure. Did you know, Xenon is inert?
Now there's a funny thing...
who would have thought youd be seeing Xenon on the Spectrum? They said it couldn't be done. They said it was too complex and sophsist. .. soffist. . . tricky. Who are they anyway? It was done, and done well. And now Mark Dow has done it. But it seems to me he had a little help..
" $\bullet$ I have found a cheat mode in Xenon. Start the game as usual and then press BREAK to pause. Hold down the keys TINY, and then press Fire. (Tiny Williams wrote the


More expert help for the gamesafflicted.

## FIRELORD

A poor sausage was Tim Johnson, who wrote a couple of months back about this Hewson oldie asking, "How to get Princess Eleanor, the white and the yellow knights, the hermit and the white dragon. Also how do you gain access to the rose, sword and shield, crossbow and candlestick?" He was clearly struggling - in fact, it looks as though he had done well even to load the thing up. But Nigel A Taytor is a kind-hearted sout, and here's his reply..
"To find Princess Eleanor, first find the Green Gatehouse. When you find her you will also find the rose. On your way there, pop into the merchant and drop off any charms you may have found."
"The white knight is next door to the East Wick of Lower Torroford." (Problems with writing there - at least I think that's what it says! " "Go through the portcullis and hell be there with his sword and shield at the ready."
"The yellow knight is near the West Wick of Upper Bedgedden and has the crossbow handy. The white farmer who lives nearby has the candlestick."
"To find the white dragon, be prepared to die at the orb and travel past the east Wick of Lower Bedgedden." Nigel continues: "If Tim wants a complete solution and map, get him to send me a large sae and 'lll oblige. I also have maps for Nonterraqueous and its sequel Soul (Who are you calling a nert? Xenon) Anyroad, thanx Mark.


Crunch! Hello, there's something in this envelope. Eurl It's a crushed cream cracker. All the crumbs have shot into my socks... what's the meaning of this, James

Of A Robot, plus the solution to The Fourth Protocol." Hope you know what you're letting yourself in for, Nigell Here's his address, tipsters, 31 Meiklefield Road, Dingwell, Ross-shire IV15 9TA. Remember to send him a large sae if you want a reply!
CONTACT SAM CRUISE
Doing the goods on this crinkly old thing from Microsphere is Gareth Hughes, who has some tips for poor benighted Tom Ireland. Tom didn't know what to do when he reached the top floor of the Hotel Royale, but luckily Gareth does..
"Go to the top floor of the Hotel Royale (yes yes we know that bit). Go to the extreme left and discover the body. Answer phone. Hang up, go left, right and press F to pull fuse. Go out, go to top floor (roof) of the cop shop. Go left onto building \#(space), find key on second floor, go to third floor and pull fuse. Go out, go to right to building \# 15 and you will be knocked out. Ignore this. Search building - you should find a key. Go to stairs left to \#19, go to roof and go down fire escape, but not all the way: you should see a fat man with a chain. Wait until he comes towards you and walk off the end. If you knock him out go left until you find a key. If you don't, try again. Go to building \#27 and go up to roof, climb over to police station roof and fall over the side onto building \#(space). Then go out. Don't get close to the police station because there's a gangster there. Go left to building \#74, knock on the door, go up and get caught by a gangster, he should drop you off a building. Quickly get up on your feet and go to the top floor of \#74. Go right, and there you should find a grappling hook. The rest is up to you."

Clearly. Well, Tim, I hope you
understand that, 'cos I don't. Where it says '\#(space)' is where I presume Gareth meant to put in the number after hed written the letter but either forgot or couldn't find out which building it was. But thanks to him for those tips and if anyone can help any further, do drop us a line.

## THE GREAT ESCAPE

Right-well at least Diddy David Aitken (who, now I've written that, is probably about 8 feet tall) has put one little matter to rest, viz. what to do with the pen and paper in The Great Escape - as publicly wondered by Mark Hodgkins a while back. Answer? Nothing. You can't pick them up and you don't need them! I for one will sleep better at nights for learning
 1943. All you do is put it on a two player game, and stay behind player two, and then blast away at the baddies. I have enclosed a bribe.
Please print this letter."
that information, and I bet Mark will too. Ta , Dave (and thanks for your help on Sam Cruise too).

## GOOD EGG

Edwina Currie aside, there's one sort of Oeuf that comes entirely salmonella-free: a YSDr B's Clinic Bon Oeuf. Chris Delahunty actually volunteered for this thankless task back in ish 37, but now he's written to me with a full list of the games he can help on. So if yourre stuck on any of these, send an sae to him at 44 St Johns way, Thetford, Norfolk IP24 3NW, and hell help you out. Here goes..
Super Stunt Man, Stormbringer 128 (up to 74\%), Ghostbusters, ATV Simulator, Frank Bruno's Boxing, Dark Star, Dustin, Moley Christmas, Shard Of Inovar, Rigel's Revenge, Play It Again Sam (Mastertronic), The Cup, Mutant, Millionaire, Gunship, Platoon (parts 1, 2 and 3), Energy Warrior, Star Raiders 2, Cybernoid, Samurai warrior, Armageddon Man, Frankie Goes To Hollywood, Beyond The Ice Palace, Match Day 2, Combat School,
Renegade, Target Renegade, 720, Bionic Commando, Trap Door, Dark Side, Deviants and Head Over Heels (except Blacktooth).
Phew, Chris, youll be putting me out of business at this rate. Remember, clinicians - no sae, no comment.

## wIZBALL

A very interesting letter from Shirley Hamitton, one of my many female readers (hem hem), who's had some awful probs with the Wizball hack in Smash Tips. Let her tell you herself:
"When the Wizball poke was first listed, I typed it, saved it, checked it, corrected two items, saved it and ran it. The program itself is okay, i.e no horrid messages after five secs. But I played the game tape from the start - and it locked solidly."
"When Smash Tips came along, I had another go or five at Wizball - which is said to be Speedlock 2 . I am exhausted. I typed it, saved it, checked it, and ran it. No nasty messages, so in goes the Wizball tape - and it locks up again. Please, does anyone out there have a workable inlinite lives hack for Wizball? (No wonder Gauntiet and Auf Wiedersehen Monty are popular - one can actually play the games without the inbuilt hack.)"

A bribe. I... I ... don't know what to say... the very idea that I would.... crunch... eat a thing that's been in the post. crunch. Yes, that's a point though. I'm on a diet now, so no choccy bars or hob-nobs in the post, cos I can't eat them, okay? ( / can! Ed) NEXT!

## A damsel very much in distress. Any white knights?

## HAYLP 1: DAVID JONES DEPT.

Yes, those Magic Knight games are so popular (and so \%s\&\&ing difficutt) that were giving them an entire haylp! section to themselves this month. Can you help with any of these?

## STORMBRINGER

"How do you cast Dimension Merge and Melt Granite?" Jason Yip.

## KNIGHT TYME

"Ican't get past that barrier on Retreat, it just says Ineed more spell power when I try the Remove Barrier spell." Christopher D.
"Where is the magic talisman?" Antonio Gould.
"Any POKEs?" David McGinn.
"What do you do with the sundial, and what are the co-ordinates of the Tyme Lords?" Gary McEwen.

## SPELIBOUND

"How do I repair the lift?" Christopher D. "How do I get past the Gas Room?" Antonio Gould.
"Any POKEs?" M. Staunton.
"How do you cast Crystallium Spectralis and Release Spell?" Jason Yip.
"How do I get over the wall on the fourth floor, help the Banshee's distant cousin, and get the fuse off Lady Rosemary?" Gary McEwen.

Badges, as ever, to anyone who can cast light (or even spells) on these knotty gamesnags.

## HAYLP 2: THE EXTRA BITS

## Yes, get a little extra haylp with the

 Halifax! (Eh? Ed) No time to waste - let's get down to it.Chris Lloyd ain't only stuck on Last Ninja 2. "Nope. Ive got probs with R-Type too. How do you pass the snake thing on Level 2?" Richard Parkin, meanwhile, is glued up on Finders Keepers (like many a Clinician in the past, Ricky): "How do you get to the gold door, 'cos I just can't find a route to it?"

Remember, anything printed wins a badge, and the best complete solution I receive each month wins three corky new games! Write with your snags and solutions to Dr B's Clinic, YS, 14 Rathbone Place, London WIP 1DE. See you next month!


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## PRACICAI <br> 

> Fresh from his ordeal in the Combat Zone, battle worn and weary David 'Fab Wack Macca' McCandless, presents another package of POKEs. Yaaaargh!

There's a little change to the norm in POKEs this month. Reason? Well it has come to my notice that the amount of people writing in with requests for POKEs has reached apocalyptic proportions. My mail-box is practically throbbing with the damn things. So I, mightily benevolent person that lam, have relented and dedicated quite a lot of space indeed to a few of the aforementioned desired POKEs. Am I kind or am I kind? Thank you.

## DAN DARE I \& II

Robert Smith had a bit of hassle with both the original and the sequel. He wrote in moaning for a POKE. And if these don't work this time then my name is Theodore Bumblebottom the Second.


## BATTY

Global misunderstanding with this baby. Any troubles getting it to work, then refer to the Crash Preventor elsewhere here.

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## FLYING SHARK \& BUBBLE BOBBLE

Mr. B. Ruch ran into double trouble when he tried POKEs for these two games. They didn't work. So once again here they are


## FREDDY HARDEST

Robert Sullivan wrote in complaining that he couldn't get the Freddy Hardest POKES printed eras ago to work. Well, here they are again Robert, and if they don't
work this time I'll eat my own toe-nails.

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$\begin{aligned} & 5,97,195,0,91,17,224,16,93,224,9 \\ & 6,11324,12,225,224,14,139,224,\end{aligned}$

## SKOOL DAZE

M College sold me his soul to get a hack for this game. You didn't have to go that far M., but - hey - what's eternal damnation and fiery torment got that a working POKE hasn't eh?
20 DMEA $221,229,241,214,128,25$
$\begin{aligned} & 4,2,56,3,221,117,201,17,23,0,221 \\ & 25,24,174,33,255,90,275,440,1\end{aligned}$
$\begin{aligned} & 255,26,54,0,237,184,17,0,120,33 \\ & , 06,5,1,175,0,237,176,33,60,128,\end{aligned}$
$\begin{aligned} & 34,225,46,126,54,225,46,11,54,2 \\ & 27,46,121,54,237,46,146,54,11,46\end{aligned}$
$\begin{aligned} & 27,46,121,54,231,46,146,54,11,46 \\ & 158,54,0,16,116,13,128,128,46,1 \\ & 81,14,18,128,14,15,129,14,117,12\end{aligned}$
$3,16,145,24,23,128,34,60,128,34$;
$\begin{aligned} & 1128,19,128,129,221,33,6,64,17,1 \\ & 6,0,62,265,65,195\end{aligned}$
$\begin{gathered}0,0,62,259,55,195 \\ 30 \text { DATA } 0,126,62,254,221,174,2\end{gathered}$
$\begin{aligned} & 55,32,148,50,268,120,17,246,63,2 \\ & 55,53,123,221,126,255,254,2,32,1\end{aligned}$
$\begin{aligned} & 32,221,33,0,0,17,2185,0,20,63,12 \\ & 8,221,33,186,128,62,38,50,136,12\end{aligned}$
$\begin{aligned} & 3,27,205,112,126,51,245,255,210, \\ & 16,12,224,50,55,111,50,26,267\end{aligned}$
195,226,94

## UNDERWULDE

I really had to brush away the cobwebs to grab a grimy POKE for this pre-Raphaelite game. And all for John Robinson as well.
100 DATA $243,245,56,173,96,254$,
$1243,62,251,1,1,1,33,0,253,229$,
$\begin{aligned} & 209,19,19,217,176,02,251,257,71 \\ & 237,94,251,201,31,9,91,34,214,2\end{aligned}$
$165,165,243,62,126,90,117,144$

## NETHERWORLD

Crikey a modern POKE in this
page of disenterred hacks. You've Graham Mason to thank for this reprive.

```
10 REM METHEMNORLD hack by O.
    20 CLMONR 24999: LOAD *"CODR
    30 prols 25026,2013 huNocNtIE
    40 pors 33551,01 man trvms
    30 pars $550,2554 nas areki
    60 aNHDCHTzM vila 2n316
```


## INCIDENTALLY...

I resurrected most of the oldies this month from a POKE tape from TAURUS software. It contains 217 ready-to-run hacks and cracks and is available (priced $£ 2.00$ ) from Taurus Software, 14 Coniston Avenue, Darton, Barnsley, S75 5BB. Well recommended.

## CRASH PREVENTOR

Right if you're having trouble understanding how these POKEs work and how to get them working, then follow this simple, straightforward, basic, rudimentary, uncomplicated, plain guide. 1) Type in the hack program and double check that data. 2) Save it into tape for later use.
3) Rewind your game tape to the start.
4) RUN the hack program
5) If "integer out of range" appears then you have a number over 255 in your data - go back and check it.
6) If "error in data" appears then you have typed in the data wrongly - go back and check it.
7) If "E: out of data" appears then you have missed some data numbers - go back and checkit.
8) If nothing appears then play your rewound game tape.
9) Give those aliens one from me okay?

## BYE-BYE!

And that's it. Another month has swooped by and next month is already circling overhead. Don't forget to tune in next month for more hacks and cracks, POKEs and jokes - you know, the usual thing. In the meantime, if you're sitting in front of your computer one day, gazing vacantly at a Sinclair Research message, wondering what to do, just pick up a disassmbler, a game and rip it apart. Just like that. Oh yeah, and send any results to David McCandless, Practical Pokes, Your Sinclair, 14 Rathbone Place, London, W1P 1DE. See ya!


Ooh, before I forget, let's take a quick shufty at Operation Wolf. A very popular game, by all accounts. I wonder if it's got anything to do with the fact that it involves plastering bits of soldiers all over the landscape? Prob-a-billy.

So thanx in no particular order to Neil Torrens, Leigh Williamson, Macc Mapper, Brian Doyle, Gary Hoicombe, Neil Price, Mark Phillips, Stuart Park, Philip McCardle, Andrew Flanagan, Chris Delahunty, Terry Hill, and last but not least Andrew Thompson, for all the mounds
of hints and tips they sent. Now what am I going to do

- Flat Heads: These with them all. . ? Hmm, I could always print them, I spose.
" - Here is a cheat for Op Wolf. And it goes like this. Just load in the 128 K version in a 48 K machine or 128 K in 48 K mode. You are miraculously transported to level six! Woah!
- Helicopters: Big boys, these. Bullets take too long; Use a grenade to teach 'em a lesson. Try to get them as soon as they come on screen.
- Armoured Cars: Don't bother with grenades. Just keep your finger on the fire button as soon as they come on screen.
- Boats: Easy pickings. Use the 'keep firing' tactic, unless there's a batch of them, in which case you should lob a grenade.
- Normal Soldiers: These throw knives and grenades at you. You only need one shot to kill them, though.

Schwartzenegger types need to be shot in the head once, but do it quick.

- Prisoners: These include nurses, women and boys. They run across the screen and get in your line of fire. They'll drain your energy if you hit them.
- Hostages: These appear on ievels five and six. You must let them pass, and you gain points.


## "General Tips

- If there's a crowd of helicopters fire a grenade at the middle.
- Don't panic!
- Never fire wildly. You waste ammo.
- Try to conserve grenades for later levels.
- The enemy don't come in any particular order, so be prepared.
- Don't shoot dynamite when a prisoner is on screen.
- Sometimes you can
grenade a very large crowd of soldiers.

Extra Supplies and Objects


Dynamite (Smart Bomb)


Groovy Fellers. Ideologically unsound, but dead groovy. Keep it up.

And now the end is near. Many splendiferous thanx to all of you for your tips, and I look forward to the next batch. Send them to me Phil Snout, YS Tipshop, Your Sinclair, 14 Rathbone Place, London W1P 1DE. And don't forget, every one I print gets an 'Ive Got Big Tips' badge ... coo, er, gosh!


Gremlin $£ 7.99$ cass/£12.99 disk Dr Marcus? Maybe he was too busy chatting with his pal Simon Bates. Anyway, here we go, here we go, here we go.
Hot Shot is a footie simulation, played from an overhead viewpoint. You take the role of an international side and can choose your team from the humble England, Wales, Scotland, or Ireland (Republic or Northern) right through to the mighty Brazil or Argentina! The teams are organised (confusingly) from the First through to the Fourth Division, and you must attempt to steer your team to the top of the league. The players can perform sliding tackles and headers, but be careful if you are prone to a bit of foul play, 'cos there at the bottom of the screen is the ref complete with his card collection. (And I'm not talking about PG Tips picture cards!)

Hot Shot gives you the option of changing the length of the game between $10,30,60$, or 90 minutes. The middle two seem the best. This is because the computer usually gets at least one goal in, and thus the shorter the game length you choose, the less time you get to equalise, let alone win!

The gameplay is very much like Match Day II, with you controlling whichever player is nearest the ball. This causes the usual problems, like Davey Quick! Pinch me, I must be dreaming! Is this a footie game I see before me? How has it escaped the clutches of
then a large amount of guesswork takes over. To its credit, Gremlin has tried to overcome this by showing a display of the pitch in the bottom left hand corner of the screen. This shows the whereabouts of the ball, but apart from this does little to alleviate the luck element.
Gazza Lineker's Hot Shot is a straight arcade football game in the style of Match Day II. Its sprites aren't as big, but it's a faster, smoother game than Match Day. If you're a footie sim fanatic, or in the market for your first arcade football game, then you'll probably find Hot Shot a fun game. If you already possess most of the other football games on the market then you won't find much new in this one. Mind you, if you do have most of the other football games on the market then you're no doubt soccer loopy and I'm probably wasting my breath!


when you have two players at an equal distance from the ball, nine times out of ten you end up moving the wrong one in completely the wrong direction. But you can dribble (Ugh! You messy readers! $E d$ ) and boot the ball in different directions with different amounts of power. And fortunately, or unfortunately depending on how confident you feel, your goalkeeper is computer controlled and moves automatically, (a trifle too slowly for my liking.) to whichever side of the goal is under threat.

The dilemma that must face programmers of these games is in the area of game scale. If you opt for nice big player sprites, then you are only able to show a small area of the pitch at a time. On the other hand, if you choose to show as much of the pitch as poss, then this is at the expense of the players who will be teeny weeny dots! Hot Shot of course opts for the large(ish) sprites. This means that although the sliding, tackling, and heading, is quite nice, when it actually comes to shooting at goal from any distance over about ten feet, or even passing up the field to any of your team mates,

Exxos/£9.95 cass/ $£ 14.95$ disk


Sean.Eek, it's the spooky Captain Blood, brave explorer of the galaxy, setting out on a mission which would make even T'zer cry. There's a huge galaxy ahead of you (you're Cp'n Blood you see) and your task is to destroy five 'Numbers', (clones of yourself) from which you'll suck enough body fluid to continue your life without dying. Yuk!

You begin the game near to an inhabited planet, which is lucky. Cos most of the planets in the game are merely a set of co-ordinates with randomly generated terrain and no life forms at all. Anyway, having found this planet you're now faced with three options. You can either send an OORX to photograph the planet surface, (this will show you if the planet has any defence systems), destroy the planet (kaboomt), or send an OORX baby to the planet surface to seek out any lifeforms.


Seeing as it's in your own interest to find a 'number', it's best not to destroy the planet, but to send your OORX in to check it out. Besides, if you don't you'll miss out on one of the best bits of the game, the 'Flying Over The Planet's Terrain' sequence.

This is one of the most impressive sequences in the game, and screenshots cannot do justice to the visuat impact of the terrain moving towards you, rising and falling as you swoop and soar over the surface in search of either a defence system or life form.

Once your OORX is under way, if the planet has a defence system, lines will emerge from both sides of the screen, which means that you have
$\square$

 avoiding delection by the planets dele planet. Fying low walch out for those mountains!
been detected. When these lines meet in the middle, your OORX will be destroyed. So if you're detected, tlying low and slow witl give protection, but it does take time to get anywhere, and I found the best policy was to zoom along until the detection lines got close to each other, and then ts dive low and stop for a moment or two while they 'lose' you.

On reaching the end of a valley, you will be presented with a 'photograph' of the surface. If th planet Is uninhabited, this is all you'll get, and it's time to find another. But if, joy of joys, you have stumbled on an inhabited planet, the occupant appears in a box on screen, and you can now engage it in 'conversation'

You do this by using a Planetary Phrase Book


Here is your litle red droid exploring a planet. Aying low avoiding delection by the planel watch out for those mountains!
which contains such usefut phrases as 'Where is the Post Office?' No, actually you use a set of around 120 icons each representing one word, which are translated from Iconese into English when you point to them. But it proves to be an unrewarding and cumbersome exercise for several reasons.

Firstly, only about a quarter of the icons can be seen on screen at one time, and with so many to grasp, it's kind of impossible to remember what words you can use to communicate with, and after several hours play, I still couldn't get to grips with it. The aim of conversation is, I suppose, to get lots of useful information which will point you to the right planets to begin your search for the 'numbers'. But as communication proved difficult, the playability of the game was dramatically reduced.

This is a very difficult game to accurately review. In a sense, it's an adventure disguised as a pseudo-Elite strategy style game, and consequently seems to defy pigeon-holing. The graphics (and sound on the biggie versions) are excellent, and the presentation of the game is straightforward and easy to use. Though if you've got to spend several hours communicating to get anywhere, you only get to appreciate the quality of programming intermittently!

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520ST－FM EXPLORER PACK WTH Bult－IN Mm oisk onve


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OPEN：MON－SAT Q Soam－600pm LATE NIGHT NONE Marcus Perhaps I'm going slightly bonkers (/always thought you were 10 pence short of a phonebox as it was.
$E(d)$, but I'm sure that this game has been on the stocks since, well, the beginning of time, or thereabouts. Certainly that tell-tale 'C1984 Namco Ltd' under the title reveals that this is a conversion of a very old coin-op indeed. And sadly, it shows.

Pacman, of course, was so successful as a coin-op that it entered the language in a way that even OutRun cant hope to rival (try asking your parents which 'video games' they've heard of and you can bet your Viz T-Shirt they wont say Afterburner). It's hardly surprising that Namco tried to eke out every last variation from this winning formula, but even by the standards of most sequels, Pac-land is pretty bizarre. While the basic formula - running about, picking up cherries, avoiding the ghosties - has been retained, the gameplay could not be more different.
Pacman has been whipped out of his little grid, given some legs and dumped in Pac-land, which looks like a sort of nursery rhyme country full of pretty little houses and fluffy clouds (if you're

going to be sick at the back there, Jenkins, please remember next time to bring your own bucket). Moving from left to right, Pacman whiffle through this ghastly countryside, occasionally jumping to collect mid-air cherries which appear just before he passes them. Some cherries appear only if you have jumped on something first (it could be a hydrant, it could be a cactus, or indeed anything about a sprite high). And power pills are there as well - jump and grab one, and all the ghoulies start flashing and running away from you, just as in Pacman. As in the original, you get points for the ground you cover, although here there's no maze, just a strict left-to-right track to follow.
What this all sounds like - and versions on other more colourful computers even look like - is a sort of Super Mario Bros with a few teeth micsing. Shorn of the complexity of that magnificent

old classic, Pac-land soon degenerates into formula action - avoid this, pick up that, jump over the other -and unfortunately the gameplay is balanced so that when you do eventually get to use the powerpill, you get to chase your foes only for the briefest possible time. Even then there isn't the satisfaction to be gained when you nab the fleeing ghoulies in Pacman - you don't even get to see now many points you've got for it.
The conversion's by no means a bad job -it's as professional as most these days - but it's the game at fault here. Once again a game that probably looks amazing in the arcades (and no doubt on the ST) simply doesn't cut it when deprived of its graphical advantages on the Speccy. Pacman was, I know, one of the Ed's fayest games ever (she still outscores virtually everyone she knows). I doubt Pac-land will take its place.



## Win A Splendid Tandy TRC 1002 Walkie Talkie With A Five Mile Range And Loads Of All Three Renegade

 Games!Renegade! Phew, what a scorcher! The classic beat 'em up that spawned a squillion copies. You bought it as if there was no tomorrow! Then came Target Renegade and this too, sold, as our Gallic chums would (Or would not. Ed) put it, commes les gateaux chauds! Well, now comes Renegade III and it's one mega basheroo! Not only do you get to punch, kick, and knee in the grollies present day low life thugs, but also to do a bit of time travel to boot. Take on (and I don't mean in an Ah-ha sense) various yobbos through history. Alright already, so you know the game's gonna be hot stuff, but what can you win in this fabbo Renegade compo?


First prize is a smashing Tandy TRC 1002 Walkie Talkie set, complete with two walkie talkies! It's got a huge range of five miles, and you'll need a licence to use it, but these are easily obtainable. Zoweee!! Just think what fun you could have with these!
For instance, if you were ever sent to bed early and stopped from watching your fave TV show all you'd need to do is simply hide one walkie talkie, with the talk button sellotaped 'on' behind the TV, nip upstairs, snuggle up under your duvet with the other walkie talkie set and listen to the whole show!

Or if you ever found yourself tied up by a villain on a railway track five miles from your home, with the 6.25 from Paddington fast approaching, all you'd need to do would be to simply operate your walkie talkie set with your teeth and radio to your chum for assistance!

And wait! It doesn't end there! Cos as well as these fab walkie talkies, the winner will also get, courtesy of Ocean, a spanking collection of all three Renegade games too! Coo!

Five runners up won't feel 'beaten to the punch' though, 'cos they too will receive this brilliant aforementioned three pack! So how do you win?



Okay, 'Good Buddies', here's what you have to do. Simply study the diagram below very carefully. It shows several Spec-chums telling each other, by various means of communication, just how good Renegade III is! What we want you to do is to tell us which of the blighters is talking to his pal using the porky prize walkie talkies, and to whom he is speaking. For example, if you think that Spec fan A has the walkie talkie and is talking to pal 4 , then your answer is $A$ and 4 . Simple really, isn't it?!

When you've decided, fill out your answers and details on the coupon and send it on a post card or a Klaus Wunderlich LP (whichever comes to hand first) to One Day There'll Be A Real Rain To Wash All The Scum Off The Streets, Over And Out Compo, Your Sinclair, PO Box 1509, Enfield, Middlesex, EN1 1LQ. All entries must be in by May 31st.


Hey! No sweat, baby, I've sorted this tricky wiring - communicating with kid

-
R피옹

- Any renegade YS or

Ocean employees entering this compo will be duffed up by a martial arts expert. - Entries recieved after May 31st will be held
incommunicado.

- Tzer is tougher than Mr

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## WORLDWIDE SUPER SPECIAL OFFERS ON SPECTRUM SOFTWARE

 Ben Pac-Man better wattfocte'
'cos there's some cool competition around - and he's got a. wicked pair of shades to prove itt The competition comes in the form of a Sangtalmadorian Sphere Corps Incredibly Shrinking Fighter Sphere from the Twenty-Fifth Century (a $Y S$ house point goes to those of you who can repeat that twice without a pause to
 - destgher specs only the keyboard prodders at Electric Dreams will know.
Anyway, your Fighter Sphere has at longiasti: been called into action, but not to engage an unknewn enemy force - everyone knows they've ail been well and truely clobbered by now. In fact there hasn't been any action in so long that even the old Corps training areas have started getting rusty and malfunctions are commonplace.

H's one of these malfunctions that you've been sent to clear up. It seems that the old boy himself, methat's Colone-lie-Chief Matt Ridley for those not acquainted with him; gofatittle bored with his pen pushing job back at Corps Elite HQ, Just to see whether he'd still 'got what it takes' he mrade an unauthorised trip into the Corp's most unforglying battle trainer - The Death Run - unfortunately for him he 'hadn't' I Normally the automatic retrieval system would shaut down the area and send in a drone to recover the Colonel-in-Chief and what was left of his Fighter, but something has gone very wrong. Soit's up to you to successfully navigate The Death Run, tocate the Colonel and

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 of distributing four ammo dumplps. These come in fairly handy as your Sphere can only carry about 25 rounds and assassin spheres are generated at quite a rate by the training area's generators. A large bonus is awarded at the end of a level if you don't lace many ammo dumps, extra lives are onhy





dead and his brother had taken over for the sequels, but silly us - looks like we were wrong. Here's the original back looking pretty healthy - unless it's yet another member of the Renegade clan.

Imagine's obviously had to think a bit more about what to do with 3 - after all, it can't really just reproduce the same street gang beat 'em up formula forever, no matter how successful it might be. Renegade 3 has thus become much more of an arcade adventure than the previous two, with all sorts of fantastic and comical elements added willy nilly. If you can ignore the fact that the whole idea is a wee bit silly, then it in fact adds a lot of spice to an over-used formula.

Get this for starters. Baddies from the future have whisked back to the present and captured Renegade's girlftriend. Exactly why isn't immediately clear, but you'd think the saucy minx would have learned by now that it's pretty dangerous to have anything to do with those pesky Renegade boys.
Anyway, the baddies have taken her to their base in the future and in the meantime got rid of Renegade by throwing him backwards in time. He ends up in a prehistoric setting and must fight his way through that, an ancient Egyptian level, a Medieval (or as the game has it 'Med-evil') setting and a future level to rescue her. At the end of each one a grey coffin thing comes down and beams you to the next time zone (or asks you to do another load if you're in 48 K ), though you have to get there within the six minute time limit or the portal closes up and you're stuck in the past. Hmm . It all strains credibility slightly, I feel.
These are just surface differences, though. The most important ones are in the gameplay. For instance, instead of the normal large open fighting area you get in these sorts of games, much of each

## The Prehistoric Age. 1

Heavily populated with eight foot dinosaurs. 'Captain Caveman' lookalikes, rock throwing Neanderthals and egg dropping prehistoric birds (from which tiny ankle biting dinos appear once they've hit the floor!) if's all very busy. At some points the screen widens out and six or so of them attack you at once. Yowch!

## The Egyptian Zone 2

Large and small mummies (the tiny ones are the worst - you can only get them with a kneeling punch!), dog-headed Egyptian god things and acid drop from the ceiling make this one of the best of the levels.

## The 'Medievil' level 3 ,

The comic element really comes to the fore here, with some of the attacking knights mounted on hotbyy horses! Miniature dragons try to get you with their fire if you're on the battlements, and waist high jesters attack your legs. There is different music on each level to fit each time zone apparently, though you'll have to use your imagination with this one I think.

## The Future (4)

Flying saucers drop stuff at you, and various robots and squidgy aliens attack you on ground tevel. Don'tlet them stop you though your girtlriend's almost within reach. The only problem now is how to get back!


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## Chirpy, chirpy, cheap cheap, chirpy, chirpy, cheap cheap, chirpy, chirpy, cheap cheap, BLAM! Nuff of that it's time for another trip to Cheapsville, with Marcus "mothballs-inthe wallet" Berkmann!



## INTERNATIONAL SPEEDWAY <br> Silverbird/£1.99

How many variations on the race game are there? Not many, if this rather desperate entry in the stakes is anything to go by. Although, to give programmers Probe credit, they have at least given us two clapped out old genres for the price of one.
International Speedway is, naturally, a race game set on a speedway track, in which you compete against four other riders, all of whom, on the face of it, are much better than you. So, you ask, is this one of those games where you see the track from road level, behind your rider, or is it one seen from above, à la Grand Prix Simulator? In fact, it's both - the screen is conveniently split in two - but as the track
is so boring to look at from both angles and there's nothing else new about this game at all, you begin to wonder after about 0.00001 seconds, why you bothered to load it up. Snoresville.


## RYGAR ${ }^{\text {mw }}$

Kixx/£2.99
Awful lot of "s around this month, aren't there? Rygar, of course, is based on one of 1987's spankier shoot 'em ups and originally came out on US Gold, where it sold pots. Now regurgitated for the cheapie market, it somehow looks less impressive than it did on first viewing. All you really have to do is run along to the right shooting everything from the usual nasties to strange rocks that emerge from the ground which invariably seem to conceal (à la Athena) useful things like gems and better weapons. Initially it's dead easy, which rather reduces the challenge, but don't be put off, as it does get harder as it proceeds. There's not a lot of variation, though, and once again you remember that the original arcade version, while wonderful to look at, was hardly the most sophisticated coin-op in gameplay terms.


Remove the amazing graphics and the result is always likely to be on the thin side.

With smallish sprites, and little in the way of interesting backgrounds to look at, it's just a little disappointing, but for a cheapie, Rygar should keep your trigger finger happy for a week or two, and there are no complaints about speed or smoothness. Not for sophisticates, but reasonable fun for the violently inclined.

## THE HIT SQUAD

## Code Masters/£2.99

Yes, I know what you're wondering. Not whether it's any good or not, not even whether it's got 'NEW RELEASE' plastered all over the cover as usual (it has), but what Diddy David Darling has to say about his own game. So I quote, "Technically brilliant, ultra-fast, infuriatingly addictive, MEGA blat 'em up! WICKED!'
Nothing like a bit of solid unbiased criticism there - indeed, there's nothing like solid unbiased criticism in the
wonderful world of Code Masters. Now do you want to know what the game's really like?
Actually - and as usual it pains me to say this - it's not bad at all. The Hit Squad is a neat, fast, multi-screen shoot 'em up with colourful, intentionally obtrusive graphics and massive sprites. I say "intentionally obtrusive" because your character often has to walk behind them, which means that you can't see a thing and can be easily harmed by the marauding nasties. The idea is to collect a teleport ticket on the 12 levels which will enable you to get to the next level, while collecting any other goodies that happen to be lying around. It's called The Hit Squad because you have a choice of four people to be, each of whom has different weapons (when they pick up enough weapon tokens). The four are nicely represented by

a digitised pic before the game begins. All very well, and it's a nice variation on a million other games, but sadly it's no more than that. As with most later Code Masters games you're swiftly seduced by splendid graphics - far better thought out and more Spectrummy than, indeed, Rygar - but the gameplay does pall after a while. Still, this game has one enormous advantage over other recent Code Master titles - no pix of the ghastly Darling brothers. If only for that, this game gets my vote.

## TITANIC

## Kixx/£2.99

Having waxed lyrical about Spanish software previously, I was bound to come a cropper later, so let's get it over with. Titanic is another Kixx original, also programmed by paella fans Toposoft, but unfortunately it's not a patch on Colosseum ${ }^{-1}$.

Here we're under the briny, scuba-ing around in search of sunken treasure and trying to avoid the harmless looking fishes which, needless to say, are deadly to the
touch. There are also even more harmful sea creatures swimming around, all of which fancy you for their dinner, but you're trying to work your way through a maze of rocks and things to find the aforementioned Titanic, wot sunk eight

billion years ago or thereabouts. You have only a limited supply of harpoons, so you basically have the choice of shooting things or getting the \%\&\$£ out of the way, - and you soon learn which beasties can be avoided and which can't.

There's only one way through the maze, which you have to work out through trial and error, and when you've completed part one thete's part two to work through as well. Yes, it's a Spanish game all right. The control system is quite bizarre - when you go up, even by a pixel, your diver flips $90^{\circ}$, which, as he isn't the smallest sprite in the world, makes him irritatingly vulnerable to those fishies. And there's just not enough variation in the actual maze - both in terms of challenge or graphical appearance - to keep your interest up. Not totally without merit, but woefully short on substance.

## SAS COMBAT SIMULATOR <br> Code Masters/£1.99

Or Commando, by any other name, as you blast and shoot yourself through some benighted warzone in the knowledge that sooner or later your number(31) is up. Instead of scrolling vertically, as all previous Commando 'tributes' have done, this at least has the wit to scroll horizontally, and the sprite too is satisfyingly large and visible In fact this is really quite fun, even ifft is more derivative than Stock, Aitken and Waterman. Your little fellow can move diagonally as well as in the normal four directions - good news, as his main task is to avoid the many bullets that his opponents fire at him. Fortunately, although the game itself is as fast as you'd wish it, the bullets are dead slow, so dodging them is not too tricky.
Also important is to avoid getting close to the enemy, as there's hand-to-hand combat in this game - find yourself next door to a gook and you're severely dead.
In all there are four 'combat zones'


## COLOSSEUM ${ }^{\text {w }}$ <br> Kixy/E2.99

It's not often that Kixx releases an original game, the label mainly being concerned with recycling old US Gold and Gremlin games (and a v.good job it does too). But for some reason our Spanish chums have a small problem being taken seriously in this country, 'cos it's amazing how many games of theirs crop up on cheapie labels when there's a chance that they d have done just as well at full price, Still, that's to our benefit if not theirs, as games like Colosseum sometimes crop up. The idea's fairly straightionward - you're a participant in a death-at-all-costs chariot race around the colosseum, and for obvious reasons (you like staying alive), it's rather important that you win. To do so you must negotiate four circuits of the track, taking care not to smash into any boulders or specially built walls as you go round, and should you come up abreast with any other charioteers, you must fight

them to death (usually yours). You start with a mere hatchet, and by killing charioteers with better weaponry and then nicking what they drop, you gradually upgrade to a lance, which kills instantly.

Now I'm not going to pretend that this is the most original or profound game l've ever seen, but it's an awful lot of fun, and quite difficult at first. The chariot sprites are huge and detailed, and the gameplay is fast, well balanced and thoroughly engrossing. Which means that at three nicker this is a bargain and no mistake, guv. Worth a punt, I'd say.

(levels), which should keep anyone who's seen Platoon too many times very happy. The programmers have also picked up loads of tricks from Green Bert, Vindicator and such like, which makes SAS Combat Simulator (surely the most desperate Simulator title yet) rather a greatest hits of programmers' tricks, but it's no less fun for all that.
Still, I hope you'll excuse me if I return to Technician Ted.

## TECHNICIAN TED Rack It/£2.99

When you load this up, you realise with a certain element of shock how long it is since anyone released a platform game in the traditional Jet Set Willy mould. After all, shoot 'em ups haven't gone out of fashion, 3D isometrics are still with us, and there are still games coming out called Revenge Of The Ninja Aubergines, but nothing quite as platformy and pixel perfect as Technician Ted ever sees the light of day.
It's very similar to Jet Set Willy, but far far slicker, with more to look at and more to do. Getting past each screen requires thought as well as arcade skill, and initially it's hard to get anywhere. For one thing you soon learn not to jump down every hole you chance upon, and of course every femtosecond counts. íd hever recommend this to everyone - because, let's face it, lots of people detest this type of game with a vehemence bordering on violence - but if you caught onto $J S W$ on its recent rerelease, then you'll lap this up too.


## Rack-lt/£2.99

Now if it's HARD shoot 'em ups you're into, this is the business. Gunrunner first appeared from Hewson in 1987, and it hasn't aged a picosecond. The scenario's simple enough-you're another of those lone warriors protecting the universe against a load of alien thingies whose idea of strategy is flying around in a straight line, waiting to be picked off.

Running from left to right along a network of pipes and things on the surface of the planet Zero, you encounter some of the zappiest nasties this side of Mike Tyson, and all against a clear monochrome background. It's smooth, it's fast, it's different (a little like Uridium crossed with Cobra), and it's viciously hard - not to be tried by anyone who doesn't like a challenge. There are certain goodies you can pick up along the way - a jet pac, for instance, lets you fly around the screen for a brief period, while a shield grants you temporary invincibility - but essentially it's blast-and-avoid, blast-and-avoid. Cracking good fun, and another reason why a Hewson's Greatest Hits would be a memorable addition to anyone's software library. (So why haven't you done one, Andrew?)

of normal poker hands, like three of a kind, a run. two pairs and so on The better you make a planef's hand the more dosh you make. and you goal is 8000 creds
Space is the same as it's always been A mass of oncoming pixels and very little else. Enemy? craft enter the vacuum and can be manoeuvred on screen by consulting the two scanners. As theres notarget or sights you have to align the enemy up in yout imagination, pump on the fire button, and pray for the best. And if that fails then ruming head on into them normally does the biz.
I was very dubious about the game on the first load. Tre vector graphics, by today's standards? are very primitive and basic and slow. Even the ? trading system seemed to be beyond ny grasp $=$ not that I 'm thick or anything (cough) But I was pleasantly surprised by the 3D effect - it worked quite well. Not that I was ducking and diving to avoid fragments of blasted aliens as they popped oit of the screen or anything, it was ust good, but It did slow the game down a bit more Gradually though I warmed to the game, especially when I got my nodules around cosmic poker playing.

## fin an

## Diagnosis

Seemingly naff space trading game which really begins to glow when you turn on the $3 D$ effect.


## 69) verdict



## Diagnosis

A bit of a disappointment for hardened war gamers, but some of you might like it.


## Gremlin/ 7.99 cass/ $£ 12.99$ disk

?Matt Pma bit young and a bit English for Vietnam to have meant very much to me, but goodness knows I've played it enough times on the Speccy. You can imagine my chortles of delight at Gremlin giving me yet another shot at the blooming thing then. Ho hum.
Butcher Hill comes in three loads, with a level on each. The first takes you (in a rubber boat) along the river deep into the jungle. In the second you make your way through the undergrowth towards the enemy camp at Butcher Hill shooting gooks as you go, and in the third you attack their camp, blow it up and rescue all the prisoners of war. Yep, I guess someone at Gremlin's been watching too many Chuck Norris movies again.

In level one, which seems to go on forever, you steer your rubber dinghy down a long winding river. You begin with six lives, but can add to these by driving over extra stamina barrels which are floating in the water. Similarly, you can pick up more bullets from other barrels. However all's not sweetness and light - there are floating mines to be avoided, reeds which send you temporarily out of control and rocks that bounce you up in the air. Added to this, planes make constant straffing runs at you, their bullets hitting the water in a rather neat effect. There's no way to shoot them down unfortunately, but you can blow up the mines if you're quick enough on the trigger. This is done with a floating gun sight (á lá Operation Wolf) and a fast eye - for until you get very near to them, the mines and the reeds are nearly identical, and you don't want to waste precious bullets on a bunch of bull-rushes, do you?

Occasionally the planes that pass overhead are on your side and drop bonuses to be picked up, one of the most important being a compass that you'll need in the second load. Eventually you reach the first of three jetties where you are meant to land and enter the second load. Oh, this is okay, I thought. I'II just.... Ker-Blamm! Oops, I appear to have hit the jetty and blown up.

Let's try again. I fought my way through the first level again untill I reached the jetty. Right, let's be careful here, let's take it gently and tie up just so, let's... Ker-Blamm! Oh dear. Let's try it one more time. Careful, careful. .. Phew.

I'm now in the jungle, and a bit stuck because I've failed to pick up the compass. But I don't care, 'cos this is where the game gets a lot more ambitious in what it's trying to do, and so even though it doesn't always work too well I 've got a bit more time for it.

A gunsight hovers in the middle of the screen and behind it I can see the jungle. We're talking serious Operation Wolf here. I waste a few rounds on the jetty trying to pick off non-existant enemies then head off into the jungle, which is most surreal and weird. It's all very dark and green and though I can, in theory, turn around $360^{\circ}$ and head off in any direction, I mostly just bump into trees and the screen shakes rather disconcertingly. Two or three directions lead towards visible clearings though, so I head off along one of these paths for a while. Occasionally I come across enemy soldiers and have a shoot out with them. More often than not। die (There are land mines underfoot and all sorts of other trouble too. Yikes!)


Finally, level three which I have to admit I didn't get to, but which involves blowing up every building on the hill with grenades before you've won. And that's it. All pretty unmemorable and unremarkable, really, and of course absolutely nothing to do with how the Vietnam war was actually fought. I (luke)warmed slightly towards the gameplay of level two, but the whole thing had a slightly unfinished feel to it and can't really be recommended.


## Diagnosis

An uninspiring idea for a game tackled in a pretty uninspiring way. No Operation Wolf (no matter how hard it tries).

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| 3 |
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| 3 |Marcus This one looked promising. The company I had never heard of, but the packaging was pretty

impressive, and the screenshots (Atari ST, natch) gave the impression of a really spanky new shoot 'em up.
Ah, but what a disappointment. Aartronic only turns out to be the latest new label from Cascade, and the game to be distressingly mediocre.
The idea's quite neat - a rip-off, essentially, of the film Innerspace, which was itself a rip-off of a really silly sixties moviecalled Fartastic Journey, starring the young Raquel Welch thum). You, you poor sap, have been miniaturized, along with your ship and injected into the bloodstredm of some barmpot professor who has beenariferimenting on himself with pure DNA. In fact the plot's quithe ingenious, particularly in the mazedike way taif boils down to a simple shobt 'efryitiza ( Unfortunately the same catit) Fishot lavished on the game itseli. ©Re.e.very \$copoter since Nemesis, this ofe inviduet a stotetio)s scrolling screen, lots ff thingst ominhe fit yov, and the ability to get extro weapginfit you polishoptfar entire wave of nasties. But eigg thougtrojeteds in this genre have been ightndighlast, wiar backgrounds and brillantlysatpy nasties", phot Warrior somehow mathagestabe incredisey sio $^{2}$ Gull to look at and initiad ly verysenfusim?
You start by moving zt veble sis tely along what appears to be an arembejt sred -
$0 \quad 0 \quad 6$ there's no other clue). Nasties condedido 2ins familiar formations, but justhas yourey deltiai tin hang of it, they stop. In fact, \&verythingsiobs
when you reach what appears to be the end o(the artery, and you sit there and watt, somefimes for up to five minutes, for your crat to tuff round and go back. (Clearly some sort of sug is at work here). On the way back boulde s cone flying at you, which seems a liffle strarime. but then perhaps the Prof is a yegetariag and eats loads of rye bread, with all the healthy save nnd soil that ? the stuff seems to contain. Anywah ols sparts the most fun, even thoupp weffgreve tooctear why you're doing it.

After half an hour or so of this, ybu notice that there's a crater down below, and you wapder dofve to it. To your initial surprise and pleasure-(soo followed by excruciating boredom) you see that there's another artery down there, with more nasties, and at the end, a key, which needs to bo picked up. The boredom hits you when you realse that this artery's almost exactly like the first. and the only way out is the way back.
There are other backgrounds - most look ng so like alien cities that you suspect that this originally started out as a completely different game. But atter wrestling with it for an hour and a half was bored.

In fact DNA Warrior does have the seeds of a decent garme hidden somewhere in its unchallenging and drab exterior, but you have to search mighty hard to find them. The Speccy market is still going strong, years after everyone went to the funeral, but games like this do little fof its life expectancy. Don't encourage them.

The Complete Works Of Gerry Anderson.

Em, this one's about o bloke who hod o car which was. em, sort of 'super.' Of limited appeol, becouse the puppets were very bosic and were oll too young to ever have seen it. Our hero had a suitably brill Gerry Anderson nome though - Mike Mercury! Let's step swifliy on to.

## FIREBAIL XI5

This is more like it The adventures of Steve Zodiac, his sidekick Zero and robot Robert flying around space on missions for the World Space Patrol. Featuring the classic theme tune, I 1 wish I was a spaceman, the fostest guy alive, rd fiy you round me Universe in fireball $\times 15$.

## stingray

First of the real classics. Troy Tempest, Aquomarina and pols patroiling the oceans in the supersub Stingray from their base af Marineville. Featuring the greatest submersible in history the meanest villoins (the Aquaphibions) and the best opening lines: "Anything can happen in the next half hour.

## THUNDERBIRDS

So fomous theyve named a real disoster reliet organisation after it (Intemationol Rescue), the adventures of Scont, Virgil and the rest are Gerry's finest (holi) hour. FA. 8

## CAPTAIN SCARLET AND THE MYSTERONS

"Remember Captain Scartet is indestructable! You are not! Do not try to imitate him!' Phew! Good job Hey told us, eh viewers? Token over by the alien Mysterons. Captain Scartet fell off a skyscraper one day and tound he wos a) cured b) indestructoble. What a stroke of luckl Not only thot, but he was a more realistically propotioned puppet too than those poor gangly Trocey boys. Some people get all the luck.

## JOE 90

A stupid poxy nine year old kid who could borrow other people's broin pontems, had a car the size of a bus and wore glasses. What a load of old cobblers.

## UFO

First of the live action heroes, pseudo-American Ed Straker led the secret detence apainst hostile alien spocecroft trying to steal humon organs (or something.) Fomed for some crap earth detence ships that had only one (very big) missile which always missed. Oh yes, and for some very dodgy acting.

## SPACE 1999

Much more your standard Star Trek rip off with incomprehensible plots, on, erm. 'unlikely' premise (thot the moon should be blown out of ortit and ge trrough a space wap or something to another goloxy with people still living on it) but odmittedly briliant special effects. Acting wos at leost three times better thon in UFO (mough still not very good.)

## TERRAHAWKS

A retum to puppets and a Thundertirdsish theme, but with Yomous' actor voices (like Windsor Davies as a rotund robot Sergeant-Mojor) and with herces called Tiger Ninestein and Kate Kestrel (and theyre the sensible ones!) Not quite the success it wos expected to be, but Gerrys currently touting around the idec of a Thunderbirds live action movie, so anything could hoppen.

Conclusion: Gerry Anderson is a complete fruit loop.

## MISSION ONE - MINING DISASTER

Brains: Gee, $t-t-t-$ thank you, Mr Bielby. In the know! What you haven't said is that there $\mathrm{f}-\mathrm{f}-\mathrm{f}$-first mission V -V-V-Virgil, Alan and I must rescue a group of m -m-miners who are trapped in their $m-m$ - $m$-mine cage deep underground, but the whole $t-\overline{-}-$-tunnel system is flooding, leaving them not $v-v-v-$ very long at all before they drown.

V-V-Virgil drops Alan off from Thunderbird 2 and he m -m-must make his way down from the surface towards the stricken $\mathrm{m}-\mathrm{m}$ mine cage, while t h-h-have to tunnel in at the bottom of the system in the M-M-M-Mole and reach them from there. are various tools we have to pick up and use (like spanners and hammers), falling stalagtites to dodge, gaps to leap and so on. Unlike on TV we can walk about on our own pretty well too (though Brains still looks a bit funny if you ask me) and do some great comic 'business.' At various points Brains looks out from the telly and talks to the player, and there's one great bit where he whizzes across three or four screens hanging off the back of a run-away mine car. Yaaargh! Over to you Gordon.
Alan: Hey, Brains I'm in this one too, you

## BIRDS

Thunderbirds are go! Matt Bielby takes a gander at Grandslam's newie based on the TV 'classic'.

## MISSION TWO - SUBMARINE CRASH

Gordon: Hi, I'm Gordon Tracey, but you might know me better as the one that doesn't get to do very much.' I drive the little yellow submarine which might be quite crap, but isn't as bod as having to sit in that poxy space station like John does all the time.

Anyway, I take part in the second mission in the game and this involves me taking Thunderbird 4 down to rescue the crew of a sunk nuclear submarine and shut down the reactor. It's not as easy as it sounds though. Cos it's sitting on the edge of a dormant undersea volcano, so if it goes up we're all in deep trouble! Eeek! Still, over to you Lady P.

Back at my school they called you a bit of a jessie if you were bang into Thunderbirds. I still had a Dinky Thunderbird 2 (though I lost the little submarine that came with it), a plastic Thunderbird 1, a Lady Penelope Rolls Royce and a Spectrum Patrol vehicle but I kept them hidden guiltily under my bed where my friends would never see them.
These days though, there's no need for secrecy, 'cos Thunderbirds is pretty trendy. So what a pity that Firebird made such a pig's ear of the licence when it released the first $T$-birds game back in late '85. Rick Robson (Who he? Ed.) called it a 'lazy maze game,' and basically it was just a load of old tripe. Even rabid Thunderbirds fans quickly bunged it down the software dumper.
Four years on though we now have a new version courtesy of Grandslam, which thankfully has absolutely nothing to do with the first. But is it any befter? Let's take a gander, shall we?
Thunderbirds (2?) is basically four games in one, and takes the form of a two cassette multiload. There's one mission on each side of the tape y'see. In each mission you control two Thunderbirds characters at once and toggle between them using the space bar. But why should I explain any further when there's the perfect chappie to tell you all about it right here in the first level? Take it away B-B-B-B-B-Brains...

## MISSION THREE - THE BANK JOB

Lady Penelope: Yes, thankyou Gordon. Oh, Parker?
Parker: (Do-di-li do-di-li do!) Yes, Milady? Lady Penelope: This is the one we're in, Parker. Mission three - remember? After the sub rescue mission those nice boys, Scott and Virgil find that International Rescue have been recorded on video and they're very worried about their supertechnology becoming public for some reason. It's our job to break into the Bank of England and take a peek at the top secret accident report to find out who holds the video - and why. So get your skates on,

Parker!
Parker: I'll fetch the Rolls, Milady. Lady Penelope: While he's doing that I've just time to tell you a few things about how you control two characters at once. You toggle between them using the space bar and in some adventures, like the Mining Disaster through the dangers to the required place. However, in later levels like our one there is a degree of puzzle solving involved too, and you'll have to do some pretty nifty toggling to get Parker and myself to help each other out. Anyway, it's over and out from me now, as here's Scott to talk to you.

## MISSION FOUR - COUNTDOWN TO TERROR

Scott: Scott Tracey, here, the hunky
Thunderbird 1 pilot and all round hero. My job is to recover the video of our air craft from International Rescue's arch-enemy, the Hood. Like our craft, this level must remain top secret, so that's all I can say about it. F.A.B.

And so there you have it, fresh from the puppet's mouths. One thing ardent $T$-Birds fans in this office (Yep, I was a bit shocked to discover we employ such obvious jessies!) were a bit disappointed to
discover, was that at no point do you get to fly any of the Thunderbirds. Still there's o lot of game to be played here and no mistake. And if my guess is anything to go by (Nope. Ed) this looks like it might be a right little corker. Besides, it it isn't l've still got the freebie videos l've nicked from our corkendous Thunderbirds competition prize box as consolation (Oh no you haven'tl Your nicked, me ofd beauty! Ed) Oops!

TVpractical problem to start with, from Shane Baker of Essex, who asks, "With the Save mode that you get on most adventure games, do you save the part of the game you are at onto the actual tape the game is on, and when you reset the computer will it still be on the memory of the game?" Hold it right there, Shane!

First of all, NEVER try to save your game onto the tape that the game comes on. Most games won't allow this anyway as the cassette tabs at the back will have been removed to stop you pressing RECORD while the tape is in the machine, but don't even try it. You risk wiping out the original program, then you won't be able to play the game at all. When you have saved your position onto a separate tape, you will still need to load in the original game, then load in your saved position, next time you start to play the game - the data you save doesn't contain all the information to enable you to resume playing, which I think is what Shane was getting at. But while you're playing the game, you can save at any point, and have several different saved positions on your tape - in fact that's the best way of playing as you often find you have to retrace your steps to an earlier part of the game. As for resetting the machine, this wipes out what's in the machine's memory, including any RAM SAVE (if the game has such a feature). So don't do it unless you intend to reload the game from scratch and don't want to save your current position. For the answers to your other questions, Shane, send me a stamped addressed envelope and tell me exactly where youre currently stuck.

Tom Williams aged $13^{3 / 4}$ from Lichfield says he's been stuck on Mountains Of Ketfor years. What a twit! Oops, sorry, I really must stop insulting our wonderful readers. Anyroadup, my advice to young Tom is to ignore the cliff face, and to drop everything if you want to be able to swim in the river. And don't wait two years next time you're stuck.
Simon Hathaway from Plymouth asks about The NeverEnding Story You should drop the crystal in the room with the ENIHCAM EGNARTS in it, to learn something you'll need later on. Don't kill

the torturer - try bribery instead. I don't think the cape serves any useful purpose, but I may be wrong (there's always a first time!) For help on Redhawk you need to contact one of the experts, which counts me out. Try sending your sae and questions to someone like ... oh, like Gregory Quinn, 71 Festival Road, Portadown, Co Amargh, N. Ireland BT63 5 HE . And for help on all the other games you mentioned, send your sae to me and tell me where you're stuck.
If you're stuck in any of John Wilson's games you can always try typing in various names to see if you get a response. John loves filling up the
ring in The Hobbityou must first escape from the world-famous Goblin's Dungeon and then go SE/E/SE/E. Apologies for not writing that last bit backwards, but it wouldn't have been easy to do! To find the identicard in Rigel, first you ELCIHEV NI STAES ENIMAXE, and then you just STNEMUCOD EHT DAER. In Inspector Flukeitto get into the pub you must ENOB PORD. In Shadows Of Mordor, as soon as the skinny orc enters you should DROWS HTIW CRO LLIK, and repeat this, and also alternate it with asking Sam to do the same. It also helps if you specify in the input which orc you mean. Talking of orcs, remember the sleepy orc in Hammer Of Grimmold? I said you got past it by simply killing it, but some people said that didn't work. It turns out the answer to the problem is different in more recent PAW versions, as opposed to the original Quill Thanks to Sue Medley for the other solution, which is that first you must examine the orc to get a clue as to one of his little weaknesses, then you CRO RAEN NOGALF ECALP. Go away for about ten moves and then return.
Sue also contributes to the great Jinxter saddle controversy. First of all I said that you should ELDDAS TSOP to get it to the station, but some upstart by the name of Denis Reilly claimed you should KCAS EHT NI TI TUP instead and save yourself two-fergs. Sue chips in with the info that Denis's suggestion is easier, but doesn't earn you maximum points. The first method gets you 10 points for doing it, and then you must do a bit of busking for another 10 points, which also gets you a one-ferg ticket for the train so you don't need the two-ferg coin after all. Carrying the saddle KCAS EHT NI doesn't you get the equivalent.

At this juncture (you didn't
available memory with messages for friends (and others) to discover. If you've got Behind Closed Doors: The Sequel (and if you haven't, why not??) then try the following: YS, JUNE, EKIM, MANDY, ELISABETH, DOREEN, FRIENDS, TV, RECORDS, LIKES, DISLIKES, KAREN, ZENOBI, TED, SMART EGG. That lot covers everything from Keith Floyd to syrup sponges, although I refuse to be responsible if anyone's offended by some of the cheekier responses!
Robert Beavan from Hereford asks six zillion questions, so here are just a few of the answers. To get to the magic
realise we were at a juncture?). I'd like to give a rather belated thanks to everyone who sent me a Christmas card. Better late than never. Thank you, each and every one, except for Greg Quinn who told me to enjoy myself and not drink too much. Make your mind up, Gregsy-baby, it's got to be one or the other!

Karl Camenzulp from East Ham asks where to go once you've got the talking bomb in Rigel. You will have to DLEIFENIM EHT SSORC, and to do that safely you will need ROTCETED EHT and know how to use it properly.


Any Swords And Sorcery experts out there? If so, make a note of this name and address, A. O'Brien, 30 Penrith St, Barrow-in-Furness, Cumbria LA14 2BP. This reader says he recently dug out his copy of this oldie, and after playing it for about an hour he realised why he'd given up on it in the first place: bugs! He's managed to get to Level four, but can't get to the end of it despite the updated version of the program that he received when he complained at the time. A reasonable complaint, as one of the bugs causes his entire inventory to disappear from time to time! If anyone can help or advise, please contact this poor suffering soul direct.
C. Gallagher is also a poor suffering soul, but it serves him right because he went and bought Not A Penny More, Not a Penny Less, probably the worst adventure since the dawn of time. C.G. has been, "Stuck in the underground for a long time now, so any help anyone can offer would be greatly appreciated" Other suckers. . sorry, other sufferers should send their help to 73 Loverock Crescent, Rugby, Warwickshire.
Nigel No-name writes all the way from East Doncaster, and before you say that's not a long way this is the one in Victoria, Australia! Among other things, Nigel asks how to save the woman from getting shot in Jack The Ripper This is one of those fussy-input problems, so is worth repeating for other readers. The input you reed is YDAL FO TNORF NI PMUJ.

Trouble with an input in another CRL game for Mark Rawe of South Ockendon, and he says he thinks the men in white coats will be taking him away soon if he doesn't sort it out. This is in Wolfman, and Mark's been told he must look in the mirror, but when he types LOOK IN MIRROR he just gets the location redescribed. I don't have a copy of Wolfman to check it out, but it sounds to me like the program's just reading the first two words and responding as if you'd typed in LOOK on its own. Try LOOK MIRROR instead.
James Handley of Barnes in London must be a quick adventurer. He starts his letter by asking for help on Seabase Delta, then by the time he gets to the P.S. he tells me it's okay 'cos he's finished it! (Or a slow writer!' Ed) What he hasn't finished is Inspector Flukeit, where he needs to know what to do in the churchyard. First SEVARG EHT ENIMAXE. Then use the YEK LLAMS to unlock the gate.As for the vicar, just give him YRAID EHT and the mucky magazine! And no, I don't mean Your Sinclair, who said that? Kindly leave the page. Oh, we've all got to leave the page anyway because were at the bottom. Byeceeee!!!!

## Venture forth with Mike Gerrard



(4)I know lots of you were disappointed that William Young had to close down his Spectrum Adventure Exchange Club recently. But now he's back, with a terrific idea, which is that Spectrum Adventurer will return, but this time purely as a means of publishing adventures. I'll let William explain what is planned.
"Your recent article on publishing adventures was extremely interesting but unfortunately it can be difficult for an author to find an outlet for his/her adventures - enter Spectrum Adventurer. Budding adventure writers if their adventures are good enough - will have a ready market for their products. This means that authors can concentrate their energies on writing and leave the hard slog of producing cassette labels, inlays, mailing jiffy bags and the rest to Spectrum

## Adventurer.

"Spectrum Adventurer is not a profit-making concern, it exists solely to promote adventures. Any profits from the sale of adventures will go to the authors concerned. I hope to produce adventures on tape and disk, and details of the games will be sent each month, free of charge, to everyone on my mailing list. If anyone wants details all they have to do is send me their name and address."

The address of Spectrum Adventurer is 4 Kilmartin Lane, Curluke, Lanarkshire ML8 5RT.

## - Before the Spectrum Adventurer tapezine

 departed, it ran a competition to win a +3 , which was open to everyone who bought its Virus adventure, and William Young has just announced the name of the lucky +3 winner - $M$. Morrison of Exeter. There were also seven winners of mystery prizes, and among those I recognised several YS readers, such as Allan Phillips, Walter Pooley and Mike Brailsford. Well done, chaps. Now that the compo is over, Virus has been reduced in price from $£ 2.99$ to £1.99, post free. I do recommend it as being very enjoyable, and well worth adding to your collection. Send your pennies to the Spectrum Adventurer address above.Here's something that made me smile. I've just had the latest press release from Official Secrets, giving details of the exclusive Magnetic Scroll's game, Myth, that's being handed out free to members and to no-one else in the known universe. Myth's been talked about for a few months now, and I was beginning to wonder if it really was a myth, so I liked the comment in the press release that said "Magnetic Scrolls has been working on Myth for, ooh quite a long time now really." Say no more!
But why so long? I asked Anita Sinclair, "Well, basically because it just grew and grew. At first the idea was that it was going to be a very small ten room adventure with about four puzzles, but as it was being written it expanded to about two dozen rooms and ten puzzles, and we kept wanting to make it better. Quite honestly, I think it's much too good now to give away!" Lucky Official Secrets members.
The good news for Speccophiles everywhere

# zs a doencures 

though is that there'll be a text-only version of the game available on May Ist on disk for the +3 and on tape for 128 K machines only, 48 K owners will get a free copy of Captain Blood instead as part of their membership.

Membership costs $£ 19.95$ from Official Secrets, PO Box 487, Harlow, Essex CM2I 9PH.

And the next Magnetic Scrolls release? Anita Sinclair again. "I doubt if the next one will be out before September, which is a long way away, but it will be different. Don't get me wrong, it'll still be a text-based adventure, but we want to incorporate into it all of the ideas we've had about what adventure games could be doing, ideas we've had since way back when we were doing The Pawn. It'll be different, that's all I can say." But all Magnetic Scrolls' games are different (especially Fish!). "This one will be even more different!"

3 NNow, quite a lot of you have written in to ask what has happened to The Great Peepingham Train Robbery, which I had an exclusive sneak preview of several months ago. This is the game written by Colin Jordan, whose previous effort was Inspector Flukeit, which endeared itself to loads of people, including me. Colin writes to tell me that Peepingham was originally commissioned by Top Ten Software, but after keeping him waiting for a whole year, it's now announced that it's no longer releasing adventures, so it won't be publishing it.

Fear not though, Flukeit fans, Colin has decided to release the game himself. Just to refresh your memories, Peepingham features our beloved Inspector Flukeit and his faithful sidekick, Blunders, this time called in to investigate a train robbery.

There's also a 128 K version available now, and that features a few extra commands like RAMSAVE/ RAMLOAD and PIX to turn the graphics on and off. Either version is available on tape only for $£ 2.99$ from Axxent Software, Shirwedean, Sandyhill Road, Saundersfoot, Dyfed SA69 9 HN .

The Pawns Of War, written and published by YS reader Les Floyd, will set you back $£ 1$ more than the usual price fixed for such offerings, but then Les is donating $£ 1$ from every sale the Wishing Well Appeal in aid of the Great Ormond Street Children's Hospital, a very worthy cause. He also says that the first two orders received that have $Y S$ written in the bottom left corner of the envelope will have their money returned and get the game for free. This chap's nothing if not enterprising!

Can he write a good adventure, though? Well, with a little help from his PAWs Les hasn't made too bad a stab at it. The story is set on the German-Austrian border in 1954, but the Germans are still the potential baddies as they're suspected of building nuclear missiles in a mountain hideout. You're on your way to investigate when sniper fire causes you to crash your jeep into the mountainside, so there's nothing for it but to continue on foot, try to destroy the base and make the prearranged helicopter rendezvous.

The game's only small, about 40 locations, with 12 of them having reasonable graphics to them. This is not a game that's going to tax the experts for very long, but newcomers should get more out of it. The problems are all fairly logical, and I progressed through it quite well, with a heavy use of the RAMSAVE feature. For this you type RS, although it isn't documented - but the author says better documentation will be ready by the time this review appears. The RAMSAVE is needed for the many instant deaths that are lurking, but I'm glad to see you're warned about most of them in advance.

There's a nice try at descriptive text, which is atmospheric without filling the screen to overflowing, like, "You are standing on a wide dry road beside the open mouth of a dark forbidding cave. The rock above looks down onto you, the sun's light turning the sandstone to the colour of blood." What a shame this hard work is spoiled by a great number of spelling errors, such as "a lenth [sic] of rope", and "hastilly" for "hastily". He does get his rope in a twist elsewhere too, as one bugette occurs when you've climbed down it. I thought I'd try GET ROPE, as some careless programmes allow you to do that despite it being tied to something a few hundred feet above your head, but here the response to GET ROPE was a mysterious "ENTER GAME POSITION." Hmm, I'll have to think how that one got there. A few other errors should have been spotted, like the bird's nest which you can see when you reach the top of a tree, but if you try to GET NEST you discover "There isn't one of those here." At one point you must JUMP ONTO BANK to get from one location to the next, but JUMP TO BANK doesn't work.

A shame about the sloppiness - more care next time, Mr Programmer. Not a bad little effort, but nothing to get wildly excited about.


PAWNS OF WAR



'have to admit that Fish! (with its free exclamation mark) puts me in a tricky position, and I don't just mean at the start of the game when you're
swimming upside down in a goldfish bowl. No, what I mean is that this latest Magnetic Scrolls title is cowritten by our very own Phil South, so it's a bit difficult being objective when you've heard about the game from the start and seen the blood, sweat and beers that Snouty's put into the writing of it. Nevertheless, I shall try. I shall also try to avoid fishy puns, mainly because every one you could possibly think of (and some you wouldn't want to) have already been used in the game, or in the packaging.
Our old friend the blue box this time contains the inevitable disk - very sorry, tape-type persons, but this is about 170 K of adventure - and a oneweek travel card for the Hydropolis Underground Omnibus Company, which is not valid before 9.00 am MondaysFridays, except Dogger Bank Holidays gerroan! There's a Fish Identification Chart, a sheet headed "How to Look After Your Fish" and a document from the Mission HQ of the Department of Inter-Dimensional Espionage. At this point you might be forgiven for thinking, "Goldfish... espionage... swimming upside down in a bowl... what the fish is going on here?"
What you obviously don't know is that some fish are in fact really InterDimensional Espionage Agents in disguise, and that means you. You thought you were on holiday in a bowl, but you are about to be recalled to duty by your boss, Sir Playfair Panchax, told to pull your fish finger out and get on the trail of the Seven Deadly fins, that dangerous group of inter-
dimensional anarchists. To help you, your boss has conveniently sent you three time warps, and you can go through any of these at the start to revert to your normal state (whatever that is) and wind up in three different introductory adventures. It's through time-warping that the Fins manage to commit many of their dastardly crimes.
On the other side of one warp is a recording studio - the music business features very heavily in Fish! You might even find a cassette made by the Fins, and the machinery with which to play it - that's provided you're quick about it as the producer keeps asking you to make him a cup of coffee and if you don't oblige he throws you out on the streets, where you automatically warp back to your goldfish bowl - and warping hurts!
Another warp leads to you waking up in the back of a grotty van, and you now seem to be the roadie to a group of some kind, who've all gone and left you to wander round in the ruin of an abbey, trying to avoid the attentions of a group of hippies. This isn't easy, especially as you end up wandering past their camp-fire carrying a church pew. This does rather tend to draw their attention to you. By now you will have gathered that Fish! is one weird game, probably a love-it or hate-it job depending on the wavelength of your sense of humour. Anyone weird enough to read $Y S$ in the first place is probably going to love it.

I did have some trouble in the third warp, however, which leads to a forest clearing where another espionage agent, Micky Blowtorch (author of Warping Along With Blowtorch), is lurking. Not that he's very cooperative. In order to have a good look round the location where he was
stubbornly staying, I asked him to go south east. The response was "Micky Blowtorch says, "What would anyone want to go Please insert the game disk and press any key." Now I know the game's weird, but not that weird. The game disk was already in the machine. I pressed a key. Same message. I turned the disk over, even though I knew the 'B' side was blank. Same message. I turned it back again, Same message. I switched off and reloaded and made a note not to try that again!
There were niggling parser problems elsewhere, too, partly due to the tricky things you had to try to do in the game. I thought the problems had just a bit too much emphasis on timing - doing things in the right numbers of moves, which means that you have to repeat actions quite a lot so as to work out the best order, that type of thing.
But one thing you cannot say is that Fish! is just another mundane adventure. It's one I've kept loading up, returning to each of the warps in turn and trying to make a bit more progress in the hope of getting through to the following major part of the adventure which takes place in Hydropolis. It's tough going! It's also full of funny finny jokes, leaving no fish unpunned, and no barrel unscraped in the quest for aquatic cracks. Spectrum adventurers seem to like that kind of thing - and they should definitely like Fish! (Can I have that fiver now,
Snouty?)

## Graphics <br> Text <br> Value for Money <br> Personal Rating

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0nce again YSscoops the Spectrum competition to bring you the first preview of the new game from Abstract Concepts: Parisian Knights. It's written mainly by John Popkess, with help from his sister Anna 'Mindfighter' Popkess and their Abstract partner Fergus McNeill. All three came into the $Y$ Soffice recently with the one and only Spectrum copy of the game in existence, introduced me to the adventure, and then kindly left me to play it by myself for a few hours. This is a preview, then, and not a review, although the adventure was about $95 \%$ finished. Bear in mind that any quirks or bugs that I spotted may well have been taken out of the game in its final spit and polish.

From the future of Mindfighter, this game takes us back to the past, to November 1927 to be exact, and you are Phillip, a kind of 1920 's James Bond figure. You're an intelligence operative for France's Bureau D'Affaires Internationale, and have just returned from a successful mission in London. But no sooner are you back than your life's in danger and you set off on another mission that will take you as far as China in this four-parter.

Part one is restricted to Paris, in and around the Bureau's headquarters at Chateau Lebian. In fact part one is very restricted, just 17 locations, and the aim is to pick up a bit of information (and a few objects), stay alive, and get out of Paris on one of the trains leaving from Clemenceau Railway Station. Billed as a graphic adventure, this part has just the one graphic, of the Eiffel Tower. Later parts have more pix, but not many.

The text is lengthy and true to the period, so it's no great hardship to switch the graphics off. There's the same control panel that Mindfighter featured, which comes up on-screen if you press ENTER without an input, and this allows you to choose various options.

Part one certainly has a lot of depth to it - but does it have enough content? Many people are wandering round, especially at the Bureau, and you can converse with these to a limited extent, but it doesn't seem to add much to the game.
The setting's convincing, and the characters and random messages give a sense of reality, but I wonder about the design of the problems, and the amount of adventure challenge that's in there. To get to part two you must catch a train out of Paris, with two choices open to you at the station: platform two goes to Geneva, and platform one goes to Baden. There's a ticket office for each platform, and a slip of paper in your pocket entitling you to a ticket on any Baden-bound train. You've also loadsamoney in your wallet, but if you try to buy a ticket for Geneva you're told you haven't any money! You can exchange the slip for a Baden ticket, but if you try to go back and get a ticket for Geneva you're prevented from joining the queue. This is obviously essential for the game's purposes, but it doesn't do much
for reality.
The trains to Baden leave at 4.30, 12.00 and 19.00 , and you pretty soon realise that your life depends on catching the right train... or on how you catch it. Instant death lurks with all three, and unfortunately lurks in several other places too - not my favourite way of leaving a game. 48 K owners will need to save to tape and RAM regularly. But the main fault here is the design of the problem. Get to the station at the wrong time and you have to wait several hours for the next train. Each input only represents the passing of a minute, though you can WAIT 10 , or WAIT 60 to hurry things along. I admit I was limited with not having full instructions, but WAIT 120 only resulted in 2 minutes going by, and WAIT 2 HOURS wasn't understood.

Okay, so you can type WAIT 60 several times, but this game does attempt to simulate real-time and the response to even a single WAIT 60 was that I had to sit back and watch while a schoolgirl in a straw hat walked by swinging her tennis racquet no less than six times (even at three in the morning!) and it really did seem like a genuine 60 minutes had passed before the prompt returned.
If I thought I was bored in Paris, believe me, I hadn't seen anything yet! Finally working out how to catch a train to Baden without getting killed, and still wondering if I shouldn't have been going to Geneva all along, I was then faced with a train journey of four hours. Yep, you've guessed what's coming. How do you pass 240 minutes/moves on a train with only four empty carriages for company? Isn't this taking reality just a bit too far? I mean, I didn't even have a paperback with me to read! Surely this journey time could have been skipped? All I could find to do was WAIT 60, WAIT 60, WAIT 60, WAIT 60 . .
In Baden I thought things were starting to pick up. More locations to explore, and lots of locked doors! Hooray, this is what we adventurers want, proper problems! Then came the bit where I really started to tear my hair out. The hotel manager, Herr Kutter (geddit?), showed me to my room and asked me "Is this room satisfactory?" YES, I typed. "That wasn't possible." SAY TO KUTTER, YES. "He didn't seem to understand." Nothing worked at all. YES/ NO/SAY YES/SAY NO/AGREE/ DISAGREE/SAY TO MANAGER, YES/ SAY TO KUTTER, YES/ SAY TO MANAGER, "YES". I couldn't get rid of the so-and-so, and in the end I tried KILL KUTTER. It worked! A bit awkward, having the body of the hotel manager in your room, but it should help to avoid paying the bill.

A final verdict on Parisian Knights will have to wait till the finished version arrives, but going by what I've seen so far there's a long way to go to turn this into an enjoyable adventure. A great shame, after the promise I thought Mindfighter showed.

# IIIKESNGHT OUTVIIHH THESTARS. 



The annual awards handed out by the Adventurers' Club Limited always have a special interest for me because they're among a few adventure awards voted for by regular adventure players, The Adventurers' Club, or ACL for short, has about 3,000 members, every one an adventure freak, so when they cast their votes you know they're doing it from experience.

The awards mean a lot to the software houses too, and this year. the awards were handed out publicly for the first time, at the Sherlock Holmes Hotel in Londorn's Baker Street (where else?). There were representatives from Mirrorsoft, Gilsoft, Level 9, Rainbird, Magnetic Scrolls, Electronic Arts and many many more, not to mention just about every magazine with a healthy adventure section - including $Y S$, of course! Well, with a buffet and a free glass of wine on offer, how could I miss it?
Actually I nearly did miss it, as being a typical adventurer I tried to enter the $\beta$ hotel through the wrong door at the first attempt.
The 'evening' actually began at 4 o'clock, and by about 4.30 the free drinks were already being claimed. It was great to have a chance to chat to fellow adventurers for an hour or so before the awards were announced and, more importantly, the grub was brought out.
One of the highlights for me was being able to meet people who I only knew through their adventures, people like Linda Wright of Marlin Games, Jack Lockerby of River Software, and Tom Frost of Tartan Software, who'd travelled from Scotland just to be there
With several people from the mailorder companies there too, it was pleasing that this year ACL supremo Henry Mueller had included a couple of new categories specifically for them. First was Mail Order Software

Company Of The Year, and I was delighted when the winner was announced to be John Wilson's Zenobi Software. Regular readers will know the high esteem I have for Zenobi's games, so it's good to discover that others feel the same way. The only disappointment was that John wasn't able to travel down to be there, so I wasn't able to allow the Rochdale Balrog to buy me a drink to celebrate his victory. (Actually, I think that's the only reason he didn't come).

Next category was the Golden Shield, for Mail Order Adventure Of The Year, and again I was pleased to see the award go to what Ifelt to be the obviouis winner, Jekyil And Hyde, written and published by Essential Myth. I think this is the only mail order adventure that's ever been made a megagame, when I reviewed it last - August. And remember, youread about it first in YSas long ago as January 1988, when I ran my exclusive preview. It was a ternific honour for YS then, when Tony Bridge read out a letter from Essential Myth apologising vor the fact that it couldn't attend but asking me to accept the award on its behalf because of the support it's had both from me and the YSreaders.: Next on the podium was Dave Barker who 1 know is a YSreader and has how been elevated to the lofty) heights of the ACL council: Dave said a little about the commended adyentures of the year, which were Lancelot and Beyond Zork.

## Ken Matthews was called on to give

 the Golden Sword award for Role Playing Game Of The Year. Ken announced the Golden Sword winner as Dungeon Master, and was lucky enough to hand the award to Mirrorsoft's Cathy Campós, who sent our photographer. into overdrive. I've never seen a telephoto lens zoom out so quickly. At least I think it was his lens. (Oo-er!) Next up was me. I was handing outthe gong for National Software Company Of The Year, and the winner was . . Magnetic Scrolls.

Henry Mueller then gave out the first award for the Fellowship of the Adventurer's Club, an honorary award to the peson or persons who have done most to further the cause of adventuring. This was won by Level 9 .

Finally we got round to the main awards of the night, the Bronze, Silver and Golden Chalice Awards for Best Adventures Of The Year. These were handed out by Keith Campbell, ACL President.

In third place was Rainbird's Legend Of The Sword, not something Spectrum owners will have seen, although I know some of you also have STs and will know how good this release is. The award was collected by one of the programming team of Silicon Software. Back to the podium came a Magnetic Scroll to pick up the Silver Chalice for Jinxter, and then it was time to reveal the best adventure of 1988. What could it be? I was as keen as everyone else to find out, and just as pleased to discover that the winner was again my own choice, the game I described as Level 9 's best ever release, Ingrid's Back Three cheers for Ingrid - and for Pete Austin, who accepted the award on her pehalf.

As Henry Mueller wound up the proceedings, it was nice to see Tom Frost stand up and suggest a spontaneous vote of thanks to Henry for organising it all. Well done Tom, and well done Henry. And then it was back to the nosh, and back to the bar, where the level of the scotch bottle was falling rapidly. Tom Frost claimed it was evaporation, but I didn't believe him. It was a great evening, no doubt about it, and I only wished more ACL members had been able to be there to enjoy it. Maybe next year. I shall certainly be there though. After all, Linda Wright still owes me a drink!

US Gold/ $£ 12.99$ cass/ $/ 19.99$ disk


Matt What an odd compilation this is. No theme or concept to it at all, just lots of stuff from 1987/88 that sits together rather awiwardly, a bit like chalk and cheese. A sports sim here, a strategy game there ... surely nobody's going to be big on all of them?
Lucky then, that most of this lot are pretty good, there's even a smattering of megagames, though I can't really rave about the opener...

10th Frame
A ten pin bowling sim? Doesn't sound too promising to me and, ahem, it isn't. Don't get me wrong - it's a reasonable and challenging program struggling under the weight of an original game that gives very little to go on. There is only really one screen, with you as a little wire outtine man bowling at the bottom, and the pins set up along an alley that stretches away in front of you.
You can take part in either League or Open bowling, with three different skill levels - though only the hardest 'professional' one is worth going for. What more can $/$ say - the graphics are so dull that even the reasonable playability can't save it in my eyes. In ' 87 we gave it a (generous) seven, but in '891'll lean nearer $55^{\circ}$.


The Armageddon Man
Eekl lt's a bit hard this maintaining world peace lark. Armageddon Man is a sort of Warring Nations Manager, in which your task is to juggle the economic and military balance of sixteen different countries and prevent war breaking out by a combination of praise, aid, condemnation and military force. An icon driven strategy exercise, it's far too complicated to go into here except to say that it takes a lot of concentration and a strong

memory - which is probably why I succeeded in provoking limited nuclear exchange within minutes! I'll have to stand by the eight (preForeign Legion) Gwyn gave it, though I did find the task of keeping all these squabbling youngsters in line, a bit 'trying.'

Shackled
A black and white Gauntlet clone that's a poor imitation of Avenger, Ranarama and the big ' $G$ ' itself. Small sprites, bad collision detection and poor animation ruin what remains a playable concept, especially in two player mode. Not a highlight of this collection.

time limit on each move reduced to a couple of seconds, it's one of the fastest cut-and-thrusts ( 00 -er) around.
Xeno
This one's pretty damngood too. Very simple and very playable, it's a futuristic variant on ice hockey featuring two saucer-shaped craft instead of teams. You look down on the pitch from behind the audience and control your saucer by a bizarre system involving projecting a cursor which is connected to you by a dotted line, and then shooting off as if catapulted along that line. It takes some getting used to, but in two player mode, with the


Bohsleigh
Brilliant, this one. One of the best Speccy sports sims I ve seen. It links a very fast and convincing race down the banked track - where you have to learn the speed and angle to take each corner -
 You have to keep the cost of training, repairs and upkeep to a minimum, while aiming to earn enough in sponsorship money to buy a world class Olympic bob.' It s very easy to get into, hard to get good at and absolutely spifing!


66


## Mercenary

Now this is the biz! What a cracker! It's ripper! Erm. I quite like it. A 3D vector graphic thingie, representing part of the surface of an alien planet it's absolutely jam-packed with hidden rooms. corridors, space-ships for the nicking, teleports roadways and so on. You can quite easily spend


## Trantor

Perhaps the most conventional game here, it's a horizontally scrolling shoot 'em up with nice big graphics, fast and smooth animation and great sound. There's also a flamethrower (my favourite!). It's blummin' good, if not quite worth the nine generous Snouty once gave it.


## Hardball

Colourful baseball sim, with large, well drawn sprites. It's obviously a thoughtful representation of the game, where you can play both fielding and batting sides, substitute team members and choose between at least eight sorts of pitching throws. The ority problem is, I don't find baseball all that interesting. Ho hum.


## Cholo

A wire frame 3 D vector graphics thing that I found quite hard to get into. You find yourself in a post nuclear world. All the humans are trapped in an underground bunker by rampaging robots who are trying to keep them down there. You play the one

## Psycho Pigs UXB

What was Dunc thinking of?! He gave this silly, monotone effort an eight. Butl think it's hopeless, it's repetitive, it's ... it's the twelth time I just

played it in a row. Yep, Psychgo Pigs UXB is an addictive little sausage, full of mad porkers running around, dropping down holes, popping up again and blowing each other up. Cute, violent and fun. And it inspired an ace YS T-Shirt to boot!

## and now... in reverse order...

 final
## Diagnosis

A very mixed grill, both in type of game and in standard, but containing a fair amount of crackling nonetheless
sane robot trying to break the seal and let the people out by capturing and reprogramming the hostile droids. It uses all of Firebird's vector graphic skills and if it pales a little next to Mercenary, there's no great shame in that.


## It's time once more to look at your programming prowess, so here's your host with the most, David "Fab Wack Macca" McCandless.



I
said a few months ago that Pitstop was going to be party to a few changes. Well, those changes are coming soon to a magazine near you. For a start I'll be letting my responsibilities slip. Yep, 'lll be hanging up my clichés and packing my annoying sub-heads to depart for pastures new (and hexadecimal free). And Jonboy Davies will be taking over
with his unique brand of enthusiasm, (he'll probably do a better job than me). But you'll have to wait for a couple of sleepless months for the change over - and the first person who says they're looking forward to it gets severely beaten. (I'm looking forward to it. Ed). Ah, eerrrh, well, I meant more of a thunderous round of wellearned applause.

Anyway this month's
offerings are pretty varied. First is the premiere part of The Hacker, a phenomenonally useful disassembler by Gary Shepardson, serialised over two issues for your delight. Then, Chris Pile makes a welcome return to these pages with his screen quadrant magnifier - read on for more details of that. And there's a special from Damian Stones too!

Now this has to be the singlemost useful program l've ever printed here in Pitstop. I do not jest. You may have noticed how $l$ always brag about the size of my disassembler in the POKE pages (they don't call me David "if it moves POKE it"
McCandless for nothing
y'know). Well now here's a tiny disassembler, brain-child of one Gary Shepardson. It's so versatile and brilliant that I decided to split it up over two issues just to increase the suspense (and make it look smaller).

## Cunning

The most cunning feature of this gembo is that it resides in the top-half of the screen. This means you can load the program you want to disect and not have it over-written by the disassembler - a common problem among us master hackers.

## Useful!

There are a variety of uses for Gary's program. Best is the street credibility value. Invite your friends around, have the disassembler 'accidently' running on your computer, and they'll be so amazed they'll build a religion around you! Also, this program will allow you to nose about other people's programs, and let you search for mysterious things like s



## Brilliant

If you simply can't wait until next month, or just can't be bothered to type in each instalment of the 1024 bytes then send a cheque or $£ 2.50$ postal order to Gary Shepardson, 4 Epping Close, Thornaby, Cleveland, TS17 ODY. And old Gazzer will do the rest.


More Next Month . . .!

## ++++PROGRAMMING+++PROGRAMMING+++

Usefulness is simply emanating from these pages this month. I can barely believe it myself. After the superlativeness of the last offering we now have Chris Pile and his excellent (and short) Quadrant Magnifier which'll allow you to zoom in on a specific quarter of the screen. Wowsers.

## Simple Pimple

To get magnifying just type in the self-sufficient, user-friendly Basic program. Once RUN, this will assemble the code in memory (at address 63400 incidentally) and SAVE it for you. Cor, some people don't know how easy they have it. Afterwards NEW the computer to clear the BASIC away. The code will remain intact.

## Z0000000m!

First thing to do is specify which quadrant is to be magnified. You do this by POKEing a value into address 63401 ( 0 - Top left, 1 - Top right, 2 - Bottom left, and 3 - Bottom right). So if you wanted to magnify the bottom left you'd POKE

by Chris Pile

63401,2 and so on. Follow up the POKE with RANDOMIZE USR 63400. A magnified
version of that part of the screen will now fill the entire screen. Repeating this process
produces a sly little zoom effect.

## Here It Is...

| 9971 REM Knote for programar: To use the progran save it on a blank tape for uee iff the future.menges this progras with your own. <br> by londing your progras and then Merge this one in <br> Mrace ** to merue <br> 9972 REM EY J.MATVIITM CLouan Be 9973 POKX 23609,101 poks 23617,1 <br> Sa: RRIGHT is BORDER 7I DAPER 71 <br> INX of CLB <br>  <br>  sh Oi by J. M.CLOUQH* <br> 9975 PRIET AT 5,01 PAPER 45 "Inpu <br> $t$ atart of line number thet you want to ethart Deleting from. Then <br>  <br> 9976 PMIMT TAB Of PAPER $57^{*}$ Lines <br> must be tron 0 to 9970 <br> 9977 IKPUF **, LTEE AS <br> 9978 LET A-IET (VAL AS) <br> 9979 PRIMT AT 10,01 PAPKR $41^{* T n p}$ <br> ut laet line number. <br> on is vere it *ill stop <br>  eting the progran. iverar oi") <br> 9980 IMPUT **, LITES AS <br> 9982 LET B-IMT (VNL AS) <br> 9982 LET $C=23755$ <br> 9983 IF $256^{*}$ PREX C+PRER ( $\mathrm{C}+1$ ) $>=\mathrm{A}$ THES 90 T0 9985 <br> 9904 LET $\mathrm{C}=(\mathrm{C}+3+\mathrm{PEEE}(\mathrm{C}+2)+256 * \mathrm{P}$ <br> सEX $(\mathrm{C}+3) \div 1): 00$ T0 9983 <br> 99 LES LET $z=C+21$ LET $X=-4$ <br> 9985 LRT C1~PEEX (C+2)+256*FEEEK <br> $(\mathrm{C} \cdot 3)$ : LITT $\mathrm{X}=\mathrm{X}+\mathrm{Cl}+4$ <br> 9987 LET C2F(256*PEEX CAPEEK (C* <br> 1)) 1 ir C2<日 THEF LET C=C+3+C1. <br>  <br> 9989 LET Cl=1NF ( $x / 256)_{1}$ pork (z <br> +1), C11 POKE $\mathrm{z}_{4} \mathrm{X}-\mathrm{Cl} \cdot 256 \mathrm{t}$ POEF (2 <br> $\cdot 2), 234$ <br> TNO PRINF AT 18.0; "END of DELET <br> 999 <br> 9991 BTOP |
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# TECHNO - BILGE 448 EXTRA COMMANDS FOR THE 

Warning: You are now entering the technical zone. All those with brains smaller than Southampton should not read on. Insanity, lysteria and other related disorders may result. You have been warned.

If you are a programmer, can handle machine code and are pretty damn observant, you may have noticed one or two yawning gaps in the Z80 assembly language instruction lists. Well, in fact they aren't just gaping hexadecimal abyssess but actually hidden secret instructions. Spook!

The story goes that when Zilog (who put the ' $Z$ ' in Z80) came to polish off its new wonder chip, it found that some cunning instructions didn't actually work (a bit of a bummer considering that the chip was practically finished). So rather than redesigning the entire chip (and spending lots of money) it opted to just ignore the culprit commands, since they weren't that essential.
The discovery of these concealed commands is no great revelation nowadays, but you know me, I'm always slow

## PRICE OF ONE

## INSTRUCTION

| RLC | 00 | RES 0 | 80 |
| :--- | :--- | :--- | :--- |
| RRC | 08 | RES 1 | 88 |
| RL | 10 | RES 2 | 90 |
| RR | 18 | RES 3 | 98 |
| SLA | 20 | RES 4 | A0 |
| SRA | 28 | RES 5 | A8 |
| SLL | 30 | RES 6 | B0 |
| SRL | 38 | RES 7 | B8 |
| BIT0 | 40 | SET 0 | C0 |
| BIT 2 | 50 | SET+ | D0 |
| BIT 3 | 58 | SET3 | D8 |
| BIT 4 | 60 | SET 4 | E0 |
| BIT5 | 68 | SET5 | E8 |
| BIT6 | 70 | SET6 | F0 |
| BIT 7 | 78 | SET7 | F8 |
|  |  |  |  |

to pick up on good ideas. I, of course, in my all encompassing wisdom, knew about them and pretended to understand them. But it was not until Damian Stones approached me with an enlightening article that I realised their full potential. So what else could I do but tell you lot?

## Mysterious

These mysterious mnemonics inhabit the DD-CB and FD-CB areas of the tables (that is they must always be prefixed with DDCB or FDCB). These instructions do the same as normal ones but load the result of the operation into the index
register specified. For example, DD-CB-00-01 loads $C$ with the contents of a RLC $(I X+00)$ i.e. LDC, RLC (IX +00 ). If you know Z80 this is an illogical combination but it works.

## Tables

Hopefully these tables will explain what I mean more eloquently than I have already done:

Form the command with the following structure: DD-CB-nnXX where ' $n n$ ' is a displacement for the indexed command (i.e. $\mathrm{IX}+\mathrm{nn}$ ) and ' XX ' is formed as shown opposite.

## Toodle Pip

Anyway, howsabout sending me some of your inspiring 'not bad' little programs yer selves? Male or female, Basic or Hex, blonde or brunette - I don't discriminate. Just document it as well as you can, jam it onto a tape and bung it to me (via the Royal Mail grapevine) to David McCandless, Program Pitstop, Your Sinclair, 14 Rathbone Place, London, W1P 1DE.


Music Micro Please! (Okay, okay, no more naff puns like that I promise). Music is one of my fave hobbies, as you know, but it has always been a bit of a sore point on the Speccy, to be sure It's been possible to make music on our favourite button box before, but 'how?' has always been the real question. Packages to help you have come and gone, but it seemed that no-one ever put much thought into this aspect of the computer. The SpecDrum was one good idea, but you needed the box to hear the sounds, and if you wanted to give someone else a copy of your "song" what good was that?
So, if you like to make music for yourself or have a more commercial idea in mind, game effects and music for example, then a new program from Torchraven looks like being right up your street.

## Take Note

Music Maestro is a music creation utility for the Spectrum range, requiring no add-on boxes, and lots in the way of editing, playing and saving stuff. Things which require more specialist knowledge or extra devices have been eft off, like MIDI and print out options. So it's the ideal thing for folks who want to dibble around with music in some way, but can't really afford the expense of the current crop of MIDI add-ons. MIDI is okay, of course, but it does mean that you have to spend upwards of 300 smackers on a MIDI synth or module! Cost effective music on the Spectrum was the plan. So what is the end result like?

## So Much In It?

Music Maestro is supplied either on tape or disk. If bought on tape it can be transferred to disk for use. The supplied programs are as follows: a basic loader and load screen, the Music Maestro program itself plus some essential demos and utilities for compiling and setting interrupts, and soon.

To load the program you simply insert the disk and press ENTER for loader. The program loads automatically. After the program has loaded, you are presented by the main Music Maestro screen.

Music created by Music Maestro in the editor can be saved in two ways, as 'source' code, easily edited note lists, or compiled blocks of machine code, called 'music objects.' A long time ago there was a package called Whaam! Music Machine. If you remember that, you'll be intrigued to note that better than that, the Music Maestro program not only allows you to program the BEEP speaker, but also the three channel AY chip sound found in the 128 and $+2 /+3$. This is the first thing you notice about the main screen, you can select between BEEP and channel music. In the top left of the screen the contents of the three channels, indicated by the numbers 1 , 2 , and 3 are displayed, and you can select any channel by pressing the indicated number key on the top row of your keyboard. Channel on/off indicators show which channels will be played when play is selected. And Tone on/off, which is only used when the AY chip is being addressed, shows whether tones are generated for the shown channel. Again, the White Noise on/off shows whether noise will

## HARDWARE



More from the column which looks more at your Spectrum hardware than your software, (honk). Phil South takes his magic screwdriver to Music Maestro for all Spectrum computers, and avoids ALL the obvious puns. (Well nearly all...)

be generated for the highlighted channel.

There is a Speed rating as well, between $1-4$, at which the currently loaded piece will be played, and next to that you'll find the key in which the music is written, shown in varying amounts of sharps or flats. Don't worry about the amount of 'real' music notation and references in the game. One of the points of this program is that it allows you, by twiddling around to learn more about musical notation if your musical education doesn't run to sticks and blobs.

Other features of the main screen are a white noise level, which will increase or decrease the amount of generated white noise, if you're using any for a drumbeat, say. The other thing is to toggle the sound-to-light faciity. This is a bit of fun, which I'll go into in a moment
Centrally, the screen shows the notes to be played on the current channel. The highlighted bit in the centre is the cursor position, where you insert, edit and delete the notes directly underneath. This area doubles as a wave display when you're editing waves/envelopes. Right underneath the central editing zone is a line for the name of the file you're currently editing. You can alter the name any
time you like. All the other options for using the Music Maestro program are right along the bottom of the screen. To use a much loved convention, all the intitial letters, or at least the highlighted letters, are the keys pressed to activate each option. One option which remains constant throughout all the menus is the ' $Q$ command, for quit obviously.
Saving off your edited scores is easy, as you just tap the F key for file, Tor D for tape or disk, and L, S or D for Load, Save or Object Save. Files are automatically appended with the extensions .MUS for source, . MOB for object files, and .ENV for attached envelopes. You can also specify, (and this is useful if you do your music for professional purposes) whether the tune plays just once, or whether you'd like it to repeat over and over. Handy for title screen tunes and high score tables.

## Allow Me To Compose Myself

 Editing on the Music Maestro is a dream. You can go to a certain measure of the music by typing S for start, E for end or B for a certain bar! For varying note lengths and pitches, you can select StaCcato, Dot, Sharp, Natural and Flat. (Flats and sharps always stay untii cancelled by anatural, as in real music.) Rests are as important as notes, as you are probably aware, so you can insert a rest by pressing R. The thing which separates this package from others, including Whaam! Music Machine, is the amount of actual editing you can do to the score once you've entered it. You can also perform 'block' operations, chopping and changing whole chunks of your source to make the piece longer or shorter, or repeat areas which you can't be bothered to enter again. You can also Play just the indicated block, rather than the whole piece! Handy for checking out a section without having to sit through an entire performance.

## Letter Perfect

You can draw two envelopes for each channel, pitch and amplitude (loudness) which affect the 'timbre' or tone of the note. And you can also edit the envelopes with graphic feedback on the screen. This is actually a feature reserved for only the most expensive synthesizers. The control over the evelopes is how you make the notes sound like different instruments. Now I wouldn't want anyone to get the wrong idea, here. The difference between sounds isn't that pronounced, and nobody could mistake a Sinclair sound for a real instrument. But you will be pleasantly surprised by the range of tones you can get with the onboard synth chip. As for the BEEP, well, you can't affect its sound, only note and duration.

## Dig The Colours Man

The sound-to-light effect is activated by O for options, and then L for Light. Then the pieces you play on Music Maestro are interpreted in a free-form display of coloured dots on the screen. This is rather nice, and I spent many long hours in the dark watching this before they broke the door down and tied my sleeves behind my head. Fortunately you can press the SPACE bar to quit this pretty cosmic mode.

## The Verdict

I like Music Maestro a lot. It's a well thought out program which has something for everyone. Home users will enjoy making their own music. And pro users can save machine code music for use in programs, as the instructions for using interrupt driven music are very comprehensive.
On any other system the price would be high, but on the Spectrum the software standard prices call the tune, to coin a phrase. So to obtain a copy of this marvellous utility, you only need $£ 9.95$ for cassette, and $£ 12.95$ for disk. A bargain, I think you'll agree. Incidentally, Torchraven is currently selling Music Maestro direct by mail, but if any major distributors/software houses are interested, Torchraven will be only too happy to take their call.

## contact box

| Utility ................ Music Maestro |  |
| :---: | :---: |
| Contact Box ..... Torchraven |  |
|  | hias |
|  | Tel 01-923 1744 |
| ice | 0905 |

Many thanks to Steve Joyce of Torchraven for his help in preparing this review.



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# COMPO WINNERS 

## Blimey, This Poem Writing Wheeze Is A Rum Old Lark, But I Still Can't Think Of Anything To Rhyme With Banana Compo. <br> Loads of budding bards entered this little compo. Just take a look at this entry for a start!

## Off-road racing is a rum old sport,

 Almost as rum as a banana, But the rummest thing of all, By Jove, is a ferret down your pyjamas! (Oo-er). Want to hear any more? No? Thought not. But here are the winners of the $4 \times 4$ Off Road Racing TrucksMaruf Ciddin from Neward, Notts; Peter Young from Saddleworth; James Milne from Kettering; Stephen Proctor from Codsall near Wolverhampton and Master Van Rupik from Doncaster.
The much safer (if you're allergic to dust) $4 \times 4$ Off Road Race from Epyx. goes to the following 25 runner uppers
lan Corker, Sheffield; Darren Hubbard, Sunderland, Tyne \& Wear; James King, Selly Oak, Birmingham; Paul Wilson, Blackburn, Lancashire; V Barwick, Redditch, Worcs; J Shade, Lewisham, London; Tim Jones, Cheltenham, Glos; Paul McPherson, Fife, Scotland; PRender, Dewsbury, West Yorkshire Mr Chris Spear, Hounslow, Middlesex; Stephen Watts, Steeple Morden, Herts; Stephen Law, Bures, Suffolk; T Stuart, Shepton Mallet, Somerset; Benn Moor, Whitby, North Yorkshire; Michael Hurley, Whitchurch, Cardiff Philip Loveday, Sheffield; Z Reddin, Leatherhead, Surrey; Andrew Booth, Bolton, Lancashire; Brent Payne, Irchester, Northants; Mark Graham, Selly Oak, Birminghart; Norman Crooks, Bangor, Co Down; Graham McDougald, Musselburgh, Midlothian; L Hogg, Doncaster, South Yorkshire; Gavin Prior, Blackpool, Lancs; George Milne, Cupar, Fife.

## Hello, Erm, My Name's, Err, Nigel Mansell, That's A Sporty Looking Metro, Erm, Has It Got A Turbo Compo?

THERRRRRRRRE GOES PATRAYZI! HERRRRRRRE COME THE TWO GOKARTING PRIZE WINNERS
Martin Johnson of Kennilworth and David Hawthorn from Uckfield, East Sussex.
Second to the chequered flag, and first to the Image Works bag of goodies were:
Ricardo Marks in Helston, Cornwall and Scott McLaren from Dundee. Closely followed by 20 runners up:
Martin Henderson, Unst, Shetland Islands; Adrian Markham, Grantham, Lincs; lan Bennington, Langley Park, Durham; Karl Woodbridge, Wellingborough, Northants; Daniel Budd, Wakefield, West Yorkshire; Peter Thornton, Burley In Wharfedale, West Yorkshire; G Walker, Workington, Cumbria; Paul Wilson, Blackburn, Lancashire; Gareth Teague, Nailsea, Bristol; Uel Cartwright, Lisburn, Co Antrim; Karl Bunyan, Langworth, Lincoln; PW Foster, London; Mark Blair, Muir Of Ord, Ross-shire; Stef Ratcliffe, London; J J Spira, Headington, Oxford; Alan Johnston, Redcar, Cleveland: Colm Andrew, Broadbottom, Via Hyde; Michael Tibbenham, Basildon, Essex David Griffiths, Harpenden, Herts; Gary Brighton, Newmarket, Suffolk.


Ahoy there, Cap'n Fishface here, with the winner of the fantastic radio controlled boat!
Wai Ling Man from Brighton
Ten Operation Wolf T-shirts and copies of the aforementioned game then went to these landlubbers:
Clive Jenner, Great Yarmouth, Norfolk; Tony Jones, Pwilheli, Gwynedd; Allan Jackson, Carlisle, Cumbria; Richard Mark, Helston, Cornwall; Dean Horne, Langwith, Notts; Matthew Luckett, Tiverton, Devon; David Troup, Kings Lyn Norfolk; James MacDonald, Rochester, Kent; Mark Tunstall, Leyland, Lancashire; Andrew Richardson, Dalbeattie, Kirkcudbrightshire And ten copies of the game alone to:
Alistair May, Elgin, Scotland; Robert Delaney, Solihull, West Midlands; Tamoor Shah, Blackburn, Lancashire; Simon Hamilton, Walton On Thames Surrey; Jon Stewart, Woolpit, Suffolk; Paul Warren, Edgbaston, Birmingham Stuart Blair-Watt, Harpenden, Herts; B Williams, Llandudno, Gwynedd; John McKenzie, Wallsend, Tyne \& Wear; Darren Castledine, Pitsmoor, Sheffield.

## Oo-er Worra Chopper, You Can Fly Me Anyday Compo.

Two whopping choppers went to these lucky blighters who won our December issue.
Matty Alexander from Shrewsbury, and W. Roberts from Colwyn Bay The following fifty of you should get ready to don your flying helmet and Mark Ryder. Madeley Heath Nr to be playing Thunder Blade very soon Mark Ryder, Madeley Heath, Nr Crewe; Chandi Abay, High Wycombe, Bucks; Chris Davies, Tupsley, Hereford; Jamie Noble, Rutherglen, Glasgow; Jonathan Hookings, Haydon Wick, Wilts; G E Jenkins, Cwmbran, Gwent Rochelle Astbury, Wythall, Birmingham; Tim Hills, Great Yarmouth, Norfolk Steven Green, Luton, Bedfordshire; Lee Hawson, Neward, Notts; S Maughan, Gateshead, Tyne \& Wear; Dawn Lawrence, Coventry, West Midlands; lain
MacDonald, Dunoon. Argyll; Byran MacDonald, Dunoon, Argyll; Byron Jones, Nailworth, Glos; Gary MacFadyen Antrim, N Ireland; Richard Birkett, Kirkcaldy, Fife; Steven Lowe, Grimsby, South Humberside; F G Gilmore, Bolton, Lancashire; Tom Collins, Wrexham, Clwyd; Kyle Reid, Cumbernauld, Glasgow; Mark Snape, Wigan, Lancashire; Allan Watkins, Maidenhead, Berks; Jimmy Bushell, Catford, London; S A Kirman, Sleaford, Lincs; Richard Gardner, Tillicoultry, Scotland; Karl Fewster, Scunthorpe, South Humberside; HA Williams, Cadole, Clwyd; Lee Smith, Ely, Cardiff; Jada French, New Milton, Hampshire; Peter Crooks, Wigan, Lancs; Sakhawat Ali, Saltley, Birmingham; Philip House, Breightmet, Bolton; Gary Greenough, Basingstoke, Hampshire; Neville Maddison, East Winning, Durham; Adam Walden, Elloughton, North Humberside; Paul Warren, Edgebaston, Birmingham; Colin M Young, Rosebank, Glasgow; B Russell, Marple, Cheshire; Jon-Paul Smith, Maidstone, Kent; Jonathan Davies, Wrexham, Clwyd; Nathan Bray, Hayle, Cornwall; Mr E Smith, St Helens, Merseyside: Barry Moss, Wookey, Somerset; Daniel Halford, Abertillery, Gwent; JT Henderson, Upper Stratton, Wilts; Mark Jay, Norwich, Norfolk; Andrea Taylor, Great Barr, Birmingham; Martin McHugh, London; P Gibbon, Urmston; John McKenzie, Wallsend, Tyne \& Wear.


## I Owe You Nothing (Oo-er) Compo

Take it away, Fresh and Fly and Danny... "Yo! We're Fresh and Fly, And we're here to say, this is a real neat Hi-Fi, YS is givin' away, it's got a CD Player, and we want $y^{\prime}$ all to know, that it's going to the young person, whose name appears below." (Ho, ho) lan Brown from Bradford.
Sorry to interrupt, children, Mrs. McClusky here. The 25 runners up appear below and if I can retrieve the copies of this computer game thing that young Danny has appropriated I shall have them forwarded poste haste: Paul Brinkley, Derry, N Ireland; David Stockdale, Workington, Cumbria; John Cockburn, Leeds, West Yorkshire; A Harrison, Heywood, Lancashire; Martin Hogg, Bugbrooke, Northants; Joseph Jackson, Darwen, Lancashire; P Went, Netherfield, Milton Keynes; Mr G P Coates, Reading, Berkshire;
P Whitehouse, Selby, North Yorkshire; W Badsey, Selly Oak, Birmingham;
Alan Darlow, London; Douglas Bryson, Stranraer, Wigtownshire; Marc Turner Plymouth, Devon; Sean Slattery, Portaloise, Co Laois; Joanna Mann, Leighton Buzzard, Beds; James Allison, Kilmarnock, Scotland; Barry Soulis Shawlands, Glasgow; Donna L Talby, Swainsthorpe, Norfolk; Paul Russell, Hailsham, East Sussex; Chris Elliott, Castleford, West Yorkshire; Brian Gooch, Sheringham, Norfolk; J Morton, Battersea, London; Sue Hanmore, Sandown Isle of Wight; Jason Higgins, Willingham, Cambridge; Matthew Sidgreaves,
Yelverton, Devon.


Hewson/£9.99


Sean "From underground there came a machine encircled by death, that kills but cannot be killed...The Eliminator. A war machine whose solitary quest is to eradicate all forms of life.' $\mathrm{O}^{2}$-er! Bit unsociable, what? Still, being an intergalactic games tester does involve battling some really evil types. Here ... hang about though. I am the Eliminator. Gosh!
impressive.
Hurtling along admiring the scrolling isn't all, however, for on your travels you will encounter many obstacles, which must be either avoided, or, much more fun, blasted, zapped, totalled, and wiped-out. Whatever you want to call it - just keep firing! Waves of aliens will annoy you by weaving and lurching all over the road and firing missiles which will deplete the shield of your Eliminator. And though walls are fairly easy to dodge the 'cones' on level one are a little tricky. Set up in a zig-zag pattern, getting round these entails splitsecond timing and tons of dexterity.

Of course, a shoot 'em up wouldn't be a shoot
armoury more - before making your choice. There's also the occasional ramp, which will lift you over an otherwise impenetrable wall, or flip you up to the ceiling if in a tunnel section - most disconcerting.

I often find that 'into the screen' 3 D limits shoot 'em ups, as there is not much room for manoeuverability on the road, and so trying to shoot at things and steer proves impossible. On first playing I suspected that Eliminator was about to fall into the same trap. Fortunately, after a few plays, the addiction was setting in and Eliminator was proving to be a happy exception. The vehicle has a high level of manoeuverability, there's plenty

Playing Eliminator is a good way to achieve involuntary genocide. Finding yourself at the helm of the Eliminator you hurtle down the road at break neck speed - there's no accelerate or brake on this game, and just one speed - gigafast. As you will see from the screenshots, this is 'into the screen' scrolling, and the speed and smoothness of the scrolling in Eliminator is excellent. The chequered track fair zooms toward you, and the impression of speed, specially when the road is climbing, descending, or veering left and right, is very
'em up these days if it didn't have the now bog standard 'collect the blob to get a bigger weapon' system, and Eliminator is no exception. Occasionally, a revolving pyramid and cube on opposite sides of the road will be encountered, and only one can be grabbed. The cubes will boost the supply of ammunition, whilst the pyramid will give a bigger weapon. The weapons range from a single fire weapon, right through to a triple fire cannon, which uses tons of ammo dead fast. And it's best to see whether you need ammo or
to shoot at and dodge, and many surprises along the way - you really don't know what's going to appear next.

Hewson has once again released an excellent game with everything a shoot 'em up fan will need - pointless and crap scenario, colourful megafast graphics, edge of the seat excitement and tons of carnage. Simply brilliant!



Ciarán Brennan shaves edges onto his ten pence pieces and goes in search of.......


## CIARÁNS CORKY COIN-OP GHOSTS ' N ' GHOULS <br> 保

 Poor old Arthur goes away that he calls home is overrun by the and what happens? The land that rid of and his people are fleeing ghosties that he thought hed ge the ghosts have managed to in terror. To make things wove blown his trusty steed to strike the first blow and have boor old Arthur! smithereens. Poor oid harmour is now left to run along a rollingThe knight in shining armougic armour which will finish his landscape in search of the is long and filled with wicked ghouls quest. Trouble is, the road is treasure chests to be searched. and there's a hell of a the wrong chest, a sorcerer appears and Should Arthur open the wrond if Arthur isn't quick enough to stop attempts to cast a spell. And.lf temporarily aged to add to his
this then he could find himself temporaniy ag
troubles. six weapons to collect and keep - and a bunch of
Arthur has six weaponser. Spears, knives, napalm, hatchets,
spells to double therds are all available, but he'll need every
spiked disks and swords apposition gets tougher as the road is
one of them,
negotiated. An initial blow from on in the scantiest of undies. The next shot
his armour and fight on in the scanton and loses him one of his
turns him
' Ghous is a brilliant follow-up to the ancient Ghosts 'n'
Ghosts ' $n$ ' Ghouls is a brili not have advanced much over the
Goblins. The gameplay may not have to did it? A classic follow-up to
years, but then it didn trealy it? It's magic!

love the smell of Valkyries and the jingle amusement arcades Jangle of fifty (hem, hem) in the morning! Here 1 pees in my pac-a-macl am swooping down to the local penny emporium accompanied by the strains of The Ride Of The

There's loads on offer this month, so let's get straight down to business!

## DOUBLE DRAGON II THE REVENGE

 Hey chums! Don't do drugs - okay! Look at all the trouble that drug dealers have caused Jimnd now that they've finally got her kidnap the boys' girlfriend, and now down! There's only one thing back they've returned to gun her to the streets to avenge their for it... the brotheremise.girlie's antion is mighty similar to the original's, but different
The actions and harder enemies make for addition of a new By far the greatest difference thoughe heroes' armoury. range of fighting moves to add to ks are just two of the new Roundhouse and movements, but don't expect as it took me ages and to get the hang of them. immertanately the game doesn't actually give you a lot of time to Unfortunately junkies are much harder than they were in the practice as the junk're armed with a whole new range of weapons including picks and shovels.
If DDII has any problem, it lies in the control board. Instead of the previous triangular button configuration, the three buttons the previous laid out in a straight line making a lot of the moves much are now la access. This aside, The Revenge is more of the sam ase who's finished its predecessor. and a nice treat for anyone who's finish 8
Convertibility Factor: 8

Convertibility Factor: 9
Convertibility Factore sporen.


## HOT CHASE

Race games are starting to jam up arcades again, presumably after the success of Chase $H O$. This offering from Konami adds a touch of suspense in the form of a time bomb ticking away in the boot, but even this doesn't add anything to a rather tedious affair.

The problem is that the control is extremely sloppy and the onscreen car doesn't respond like a proper motor at all. For instance how can a car that takes corners at about 150 miles per hour, suddenly lose its grip on a shallow bend at half that speed? Ludicrous.

An occasional appearance by soldiers and other cars attempting to block the road fails miserably to add to the 'tension', as does the tacked-on jumping effect which is both useless and visually unimpressive.
I'm usually a great fan of racing games, but this is a truly miserable effort that left me sad that l'd bothered to feed it a couple of coins. Don't make the same mistake, especially not if you're used to OutRun.

Convertibility Factor: 5 Into the pits I think.



HARD DRIVIN'
Forget OutRur's speed or Road Blasters' gameplay, Atari's latest racing coin-op is developed from a machine that was designed to teach people to drive for real - so those of you who don't have the slightest idea how to get a motor running need not apply.
At a quid a turn it can cost quite a bit to become the next Jackie Stewart - but if you have the money, the patience and the ability to set the wheels in motion, Hard Drivin' is well worth taking for a test drive.
The simulator's realism is taken to its inevitable conclusion by the addition of three pedals (clutch, brake and accelerator), a fiveway gearstick and even an ignition key. For those who aren't too comfortable with manual transmissions though, the gearstick and clutch can be dispensed with by selecting automatic mode before starting the engine.
So down to the driving. There's a choice of two courses to be negotiated: either carry on straight from the starting line for a straightforward road, or veer off on the first right-hand turn for a 'stunt' track which incorporates such delights as an open bridge to be jumped and a loop-the-loop to churn your stomach.
It's important - especially on the stunt course - to observe the speed restrictions, as going over the top usually results in leaving the road. This can either mean a quick gear shift and return to the track, or a complete write-off.
Despite the classy cabinet and the neat presentation, Hard Drivin's accuracy turns out to be one of its major drawbacks. Those of you who can already drive will more than likely already have access to the real thing, while the rest of you are going to spend a fortune brushing up your skills. It's worth at least one go through.

Convertibility Factor: 4
Due to be Domark's company car for Christmas '89.


SHADOW WARRIORS
Yup, yet another pair of Ninja war screen seen which utilises the large format screen that's all the range in Japan.

The bigger screen allows for larger characters to interact against more spacious backgrounds, and as such should in theory provide a better game. Unfortunately in this case it hard for my liking.
The plot is the usual nonsense about Ninjas on the streets of New York, fighting an assortment of muscular bad guys in really bad' gear. The first sequence displays a little story about one of most effective parts of the game - it's almost worth a watch in its own right,

Shadow Warriors isn't a bad game by any means, it's just too difficult for my taste - but I'm sure that there's masses of you out there just waiting for a bash at this, I just hope that the next game well.

Convertibility Factor: 8
Nunchukkas at the ready chums.


What's going to happen next on the arcade front, we all askl? Well, there's sword and sorcery fun in Taito's Nastar Warrior, which l'II probably look at for next time, and Atomic Robo-Kid, a fast action alien blast 'em up from UPL. And after the success of rolling road games like Hard Drivin' and

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$\equiv$
Stuck for what to buy your granny for St George's day? Wanting a new pal to send a St George's day card to? Then check out this month's Input Output! (What's this idiot jibbering on about! Ed)

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## LONELY

 HEARTS

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Lonely 15 year old boy after an attractive un loving girl of same age(ish) to be chums forever ' $n$ ' ever. Loves music, talking and having a good lart. Send a photo to Paul at 5, Terra Cotta Place, Upper Stree Stanstead, Sucbury. Suftoik, CO 10 9AT E Hill am a 16 year old fernale seeking and computers and hope you are from a and computers and hope you are from a
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Eleven year old male seeks a good looking female, aged $10-12$. Please send a photo (if possible) to Mark Johnson, 20 Winchelsea Road, Tottenham, London, N17

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## Puzzle Pages: <br> Answers

MIND JOGGING

## Goldfish!

180
You only need one dart, just keep throwing it and retrieving it - nobody said how many throws you need!

COMMON GROUND They both share the same middle name!

WHICH WAY, JOSE? For each of the windows to face South the house must be right atop of the North Pole, sc the bear must be a Polar Bear so the colour of it must be white. Innit simple?

## WEIGHTY PROBLEM Holes!

TIME FOR MIME
The blind man didn't do any mime, he just asked for it. Want It Yesterday' Ryan: Staft Writer Duncan 'What Time Do You Assistant David 'Yo' Wilson; Technical Consultant David McCandless Contributors Marcus Berkmann, Richard Blaine. Claran Brennan Jonathan Davies, Mike Gerrard, Sean Kelly, Catherine 'Nosebag' Peters, Peter Shaw, Rachael J. Smith, Phil South, Ben Stone; Advertisement Middleton; Advertisement Production Katherine Balchin; Marketing Manager Bryan Denyer, Publisher Terry Grimwood; Finance Director Colin Crawford; Managing Director Stephen England; Chairman Felix Dennis; Published by Dennis Publishing Ltd, 14 Rathbone Place, London W1P 1DE; Telephone (all departments) 01-631 1433; Telex 8954139 DennisG; Fax 01-636 5668. Company registered in England Typesetters Carlinpoint, London; Reproduction Graphic Ideas, London; Printed by Chase Web, Plymouth, Devon; Distribution Seymour Press, 334 Brixton Road, London SW9 (telephone 01-733 4444). All material in Your Sinclair © 1989 Felden Productions, and may not be reproduced in whole or part without the written consent of the publishers. Your Sinclair is a monthly publication.


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6 June '86



32 August ' 88


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34 October '88


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# .PREVIEW•PREVIEW•PREVIEW. 



Greetings Spec-pals, cross our sweaty palms with silver, cheques, postal orders, and used fivers and we will unveil for you Speccy games from the future! Oh! Alright then stingebags, we'll tell you anyway!



## WIV

## Again Again

"Flobba lobba lobb, Aw-white my sonl" Yes, it's everyone's favourite snotty green alien, Gilbert Everyone who's anyone knows who Gilbert is don't they? And here he is, in his very own computer game! After filming Get Fresh in the Tyn

Tees studios, Gilbert has hopped into the Millenium Dustbin and flown back to Drill, his home planet. The game starts with Gillie on Drill hoving heard the news that he has been offered a new contractll Gilbert's robbiting on and on obout it and really winding up his fellow Drilleans, so, in order to stop him from having more TV exposure to brag about, they've gorn and half inched various vital components from his spoce ship. Yikes! And it's your task as Gilbert, to collect all these pieces, reassemble your craft, and get to the studios within 24 hours!
Snot that eosy though, 'cos being sporting fellows, the Drilleans
challenge Gillie to play some video games - if he can win, then he will get a clue to the components whereabouts. If he loses he gets a time penaltyl Gilbert must then dash about the planet looking for the video game machines inside the Mill Bars and Snot Burger Restourants! You must also play the games themselves. So orm up for Snotfight At The OK Corral, Sprout Wars and Brain Drain.
After you've played these subgames and sussed the clues, you will have to move Gillie across the planet to retrieve the bits! Sounds well intriguing! Check it out, it's available 'soon!'
. No, not that Gillie starts floating! This is very useful for escaping from parts of the sewer system and also, as in this piccie, for flying over very big trees in the swamp!


Fracest : \& . . But, Oh-Oh! Here is Gillie walking about a bit, on a Drilean stre 'Snotting' on ook out for those beasties! If you kil ars! (Just like Gillie, unis game them!) then a huge floating jelly appears elther a plece of cake snot is completely mad!) Snot on the and use the beans and guess what can of beans appears. Pick up happensl?

## .PREVIEW-PREVIEW-PREVIEW.

THTREEHOCR

## Activision

Taking off from the Activision airstrip, in the not too distont future, is a fabby new flight sim, called Bomber. Programmed by Vektor Graphics, the people responsible for bringing you Stor Wars ond Empire Strikes Back, if features solid 3-D graphics which accurately represent six different
planes ranging from the F-15 Eogle
to the dello winged Soab Viggen,
ond, the Russian Mig 27 'Flogger't
Each plone, we are told will have
radically different characteristics
including handling You'l olso get a
chuice of one of 14 adversories for a
head to head confrontation.
One of the main parts of the game

> will be air-to-ground action, inspired by a international bombing competition hosted omnually by the US Air Force. Vektor tell us that you will be able to go in armed to the teeth and blost away at everyhing that movess Il looks like Bomber could do for Speccy flight simulators in 1989 , what Fighter Pilot did in 1984!


Titus
Raraorrghl is the sort of reaction that is caused by playing Titan, the new one from Titus. Already kicking about on the 16 -bit formats, this game has been raved obout leff, right and centrel lt's supposed to be very fost and very addictive.
There will be 80 (Count 'em 801) levels, each one an immense and synthetic world, over which you must guide a powerball using your magical, magnetic racketl But watch out, there are loads of death icons to be ovoided With wildly coloured graphics and speedy scrolling this is the sort of tricky game that would drive you bonkers!


Melbourne House This little number from Melbourne House is due for release in early May. It's supposed to be very theropeutic for all those people who get very tense and frustrated in facd it's supposed to be brilliont for people who want to ceream 'AAARGH'' at the top of their raices so what's it all about? Acarghl hos os it's hero o prehistoric coveman. There's also a monster colled Roc, who's onty gorn and lost his oggs and guess who's got to try ond retrieve them? You, of course. Losing one egg is quite an
oeuf, but not for our here Rocl Habl gone and lost a dozen! Youd think he'd be beffer off forgetting all obout them in the light of the present scimonello scare, butit would appeor that no one in thin game qiver a iof abour Edwino Currie's odvico, cos other monsters, are offer the eggs tool These hove to be fought and all the eggs collected from several different ciy locations. Meltbourne House promises us there will be lots of buildings to be demolished en route tool And wollet damage?
Probably around $£ 9.99$.

# -PREVIEW•PREVIEW•PREVIEW• <br> =UノU: $=$ OLOCLS 



## Firebird

Fancy yerself as a bit of a hustler? (Oo-erl) No, no, not a lady of easy virfue, we mean a pool hustler like Tom Cruise in The Colour Of Moneyl Wall, now's your chancel Endorsed by the current UK and European Pool Champion, 'Maltese' Joe Barbara, 3-D Pool is fo be the new sport simulation from Firebirdl You have to defeat all manner of adversaries such as Flash Harry and the Catford Kid, before you get to hove a crock of 'Maltese' himself! There will be a
tournament or a proctice option, and you can even sit back and study your opponents 'form' as they have a proctice knockabout

There will be a unique 'move around the table' feature and you will be able to put spin on the cue ball just tike in the real thingt Sounds good eh? These games, due to the nature of the original, are basically very simple but Firebird hos endeavoured to make 3-D Pool the state of the ort in this fieldi It looks like it's gonna be a corker, so chalk up those cues in reodiness!


Borkouk the ininenv from the il Borsi




[^0]:    What's all this about the Advanced Lawnmower Simulator?
    Ben Dyson
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    Blimey, you've certainly 'got your finger on the pulse'. Ed.

[^1]:    of a British Rail InterCity breakfast! Worranoffer!!

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