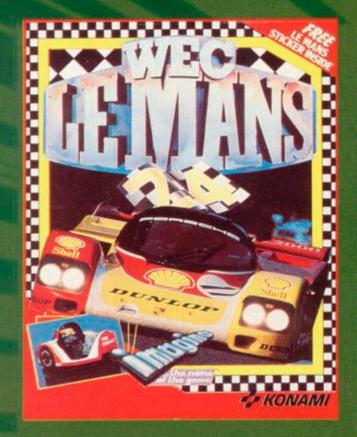


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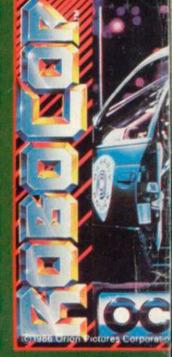
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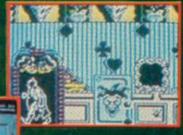
INTELLIGENCE

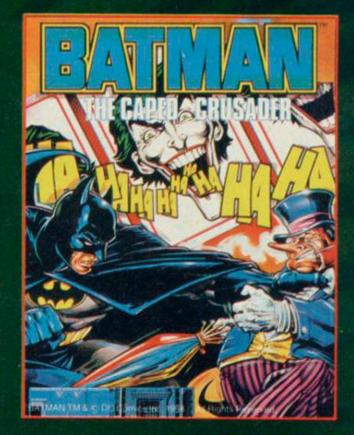
cop y the best film id is an utterly its own right-ss it." THE MONTH



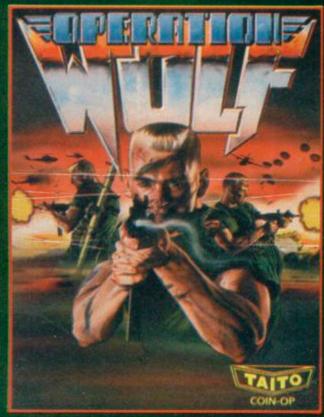
right way to capture the comic book feel." ZZAP SIZZLER ZZAP 64

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A CRASH SMASH CRASH

Definitely the coin-op of the year... Buy Operation Wolf it's a brilliant conversion." C+VG GAME OF THE MONTH COMPUTER + VIDEO GAMES



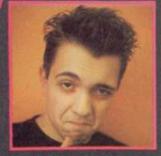
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Meet the Summer TV Special "Team"

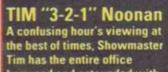
JIM "Live from the alladium" Douglas



ALISON "Play Your Cards Right" Skeat



refore Alison's eyes in our special section, Nightmare of the



bemused and astounded with his complex clues and double-twists. "I'll be in at about 10 o'clock" for example, obviously indicates to the



uneducated viewer that Tim will be in at around 10 in the morning. Wrong! Dusty Bin for you! It actually means "I'm going back to bed and I'll see what the weather is like when I get up." See if you can tell what Tim's talking about.

ADVENTURE The Sorceress DIRTY TRICKS Jon Riglar HOW THE HELL Andrew Hewson I'VE GOT THIS PROBLEM Rupert Goodwins ADVERTISEMENT MANAGER Katherine "Hello, I must be going" Lee DEPUTY AD MANAGER Jerry Hall ADVERTISING EXECUTIVE Martha "Ahiggedly hoggedly" Maloughney AD PRODUCTION Emma Ward MARKET.NG MANAGER Dean "Legbiscuits" Barrett MARKETING ASSISTANT Sarah "Wallplanner" Ewing PUBLISHER Terry "Strike-beater" OUR ADDRESS: Sinclair User, Priory Court, 30-32 Farringdon Lane, London EC1R 3AU OUR PHONE NUMBER: 01-251 6222 OUR FAX NO: 01-490 1095 THIS MONTH'S COVER: Dynamite Dux from Activision.

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"Yes. Ooh, lovely. Now look this way love, now just a little water. Divine! Now love the camera, sweetheart, that's right! Makeup! - She's got a shiny nose. Come on. Time is money "You too can get up people's noses if you win our Canon Sureshot thanks to Virginmastertroniclimitedplc.

Once you've read the lovely feature, you'll probably be only too keen to buy yourself a dish and all the business. Luckily, we've saved you the expense, and one lovely winner will walk away with (well, we'll deliver it

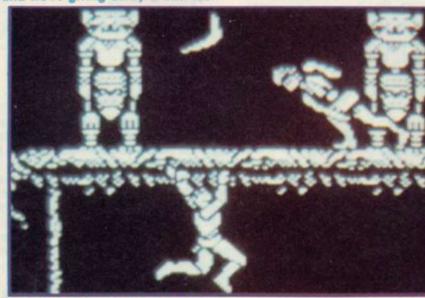




Alright airight airight! We're sick and fired of everyone asking us "Ere. This satellite business. It's all to do with Amstrad isn't It? Well, I was wondering, since you're obviously very good mates with Alan Sugar, could you tell me exactly what frequency modulator I need



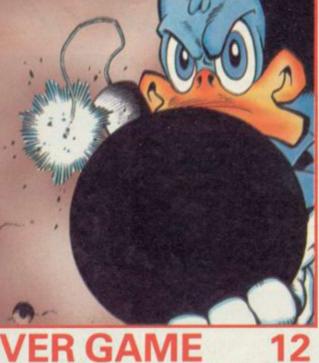
to install in order to pick up the signals and what's the difference between SKY and BSB and who is Rupert Murdoch and how many giggerhertz. So these people can ruddy well go away. Instead, we've got a far more interesting selection of facts and figures in our SATELLITE TV SPECIAL. Oh, and we're giving away a dish too



G

Strider one of USG's Christmas biggies and this month we can give you a complete machine code print out of all the protection routines and the graphics generator used by the programmers. Well, alright, we can't. What we can give you, though, is a more thorough investigation of how the game was

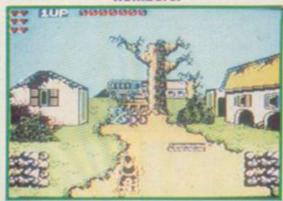
put together thanks to the rather helpful programmy people. Far more interesting than a page full of numbers.



Dynamite Dux comes from the rather clever people at Activision, and since one of their latest releases was the none-too-unpopular R-Type we predicted that it was going to be probably the best game released this month. Were we right? Yes, actually, we were. And we've lavished an extraordinary three blummin' pages on the thing in order



Indiana Jones! Da da da daaah, duh duh duuuuhh. He's back. Adn this time, he brought some wrinkly old Scottish geezer with him! Check out Indy and his dad Gareth and then put them on your wall, why dontcha?



Good evening. And in a packed programme tonight, previews will be asking such questions on the nation's lips: "What on earth has Super Wonderboy got on his head?", "What the Dicken's are US Gold going to do with a game title called Skweek?", "How is Cabal coming along?" All these and more will be answered, on this show, TONIGHT!

The SAM Coupe could well take the Spectrum world by storm when it comes out next year What, exactly, does it have to offer? Why don't you have a look?

REGU

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MAILSTROM Ocean Software

Mailstrom is part of a rather exciting package of tape wonderments that Ocean have put together for us for the next few tapes.

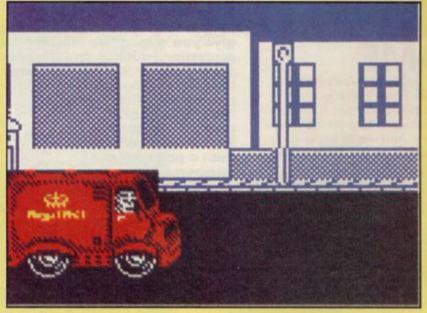
The storyline of Mailstrom reads like Postman Pat's worst nightmare. Set in a post-apocalyptic world, it's the tale of one man's courageous endeavours to ensure that the mail arrives on time despite terrible dangers.

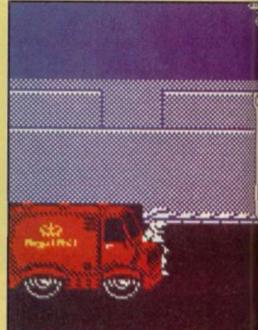
Thankfully, you're kitted out with some considerably more advanced technology than today's postie.

Drive your van to the sorting office and collect letters from the OUT chute. This will cause several numbers at the bottom of the screen to light up. These numbers correspond to the house numbers where the letters need to be delivered.

Open post boxes (by any means at your disposal) to find sacks which much be stored in your van for later on. When a sorting office appears, deposit the sacks in the "IN" section.

At any sorting office, the number of sacks you deposit in the "IN" chute will determine the number of sorted letters you can retrieve from the "OUT" chute the following day. At the end of each day, you'll be told how many sacks you must store in the sorting offices the next day in order to continue the game. If you fail to deposit at least this number of sacks, it's GAME OVER.





CONTROLS

Mailstrom can be controlled by using either the keyboard or joystick.

HINTS AND TIPS

- 1. Avoid delivery to the rong house.
- 2. Points are subtracted at the end of the day for undelivered letters.
- 3. It pays to deposit as many sacks as you can.

The minimum number of sacks allowed for the first day is one.



BATMAN DEMO

Ocean Software

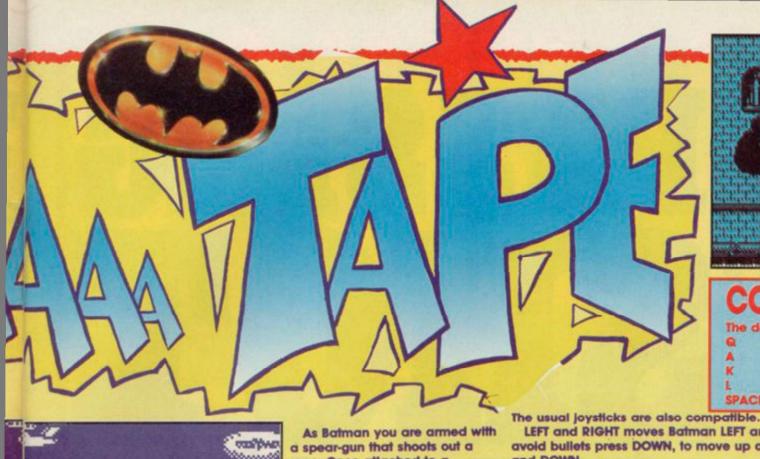
well impressed. But how is Ocean's conversion going to match up to such a fantastic cinematic event? Well, you'd better load our demo to find out, hadn't you?

Scenario

Jack Napier is in the process of raiding the offices of a chemical factory. Bruce Wayne hears about

this and leaves his Jet-set party to become Batman.

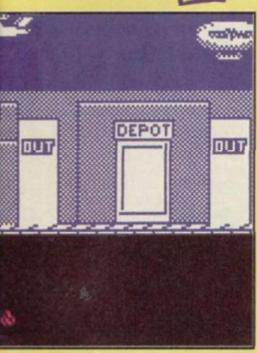




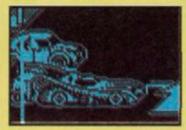


LEFT and RIGHT moves Batman LEFT and RIGHT. To duck and avoid bullets press DOWN, to move up and down ladders use UP and DOWN.

Using FIRR together with UP, LEFT and RIGHT fires out the Batrope. Once on the rope, reel it in using UP and DOWN - LEFT and RIGHT starts you swinging. Use FIRE at any time to let go of the rope. FIRE and DOWN drops you down to the platform below - but beware you do not fall too far as this can result in a major injury.



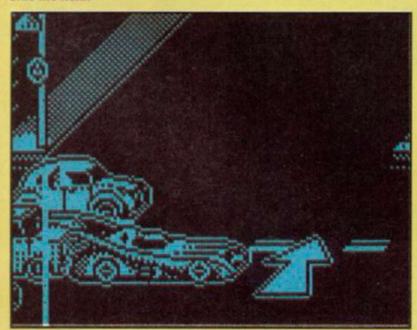
rope. Once attached to a platform the rope can be reeled in or out to move up or down. You also have a Batarang for throwing, and consequently injuring, the gangster. The Bat Suit is made of a new type of body armour which can deflect bullets, however there is a finite number of hits you can sustain before you CH become too injured to



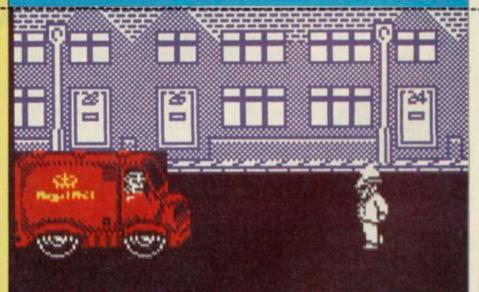
to proceed. As your energy falls, the depiction of Batman at the bottom of the screen slowly changes into the image of Joker. Once Batman has changed into the Joker the game has ended and you

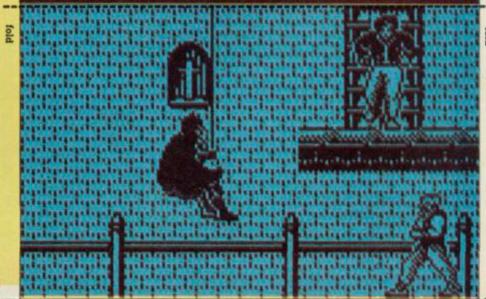
Because this is only a playable demo you have been restricted to a time limit of two minutes which makes this level impossible to complete, but should give you a good taste of how the final version

This is but one section of five different stages in the Batman game. Other stages feature the Batmobile, the Batwing, the Bat Cave and the final showdown in Gotham Cathedral. Each section is a separate game in itself but you must complete the previous to go onto the next.



MEGATAPE 19





PASSIN What? You cannot be serious? Wimbledon finished months

hat? You cannot be serious?
Wimbledon finished months
age and Mirrorsoft are now
releasing Passing Shot, probably
the most tennisy game you've ever
come across in your whole life.
In case you haven't played the

In case you haven't played the coin op, here's what goes on. You find yourself on centre court in the middle of a big tennis championship. Here's your opportunity to become an international megastar overnight.

Passing Shot is all about the serious aspects of tennis. None of this Ra-ra doesn't matter whether you win rubbish. If you lose, you're out. If you win, you're on a highway to clory.

You can play alone against the computer or team up with a mate and play the fiendish machine at doubles. Either way you're faced with an escalating scale of ever

tougher opponents.

Serving is viewed from the spectators' point of view, just like Wimbledon on the telly. You toss the ball into the air and hit FIRE at the moment appropriate for the service you desire.

WHACK! Immediately, the screen changes to an overhead view and the ball gets bigger as it gets higher. You can see the computer controlled player scrabbling around, trying to work out where the ball is going to fall. Not a hope. An Ace. Smashing start. Obviously, you won't be fortunate enough to serve so successfully all the time, and you'll more likely than not find yourself on the wrong end of an ace return.

Once in a rally, anticipation is the name of the game. You're not going to get anywhere simply standing on the baseline and waiting for the

O U,II

Graphically Passing Shot isn't a marvel. There simply isn't much room for fancy graphics in an overhead game without making the screen look cluttered. If you'll forgive the slightly naff looking white figures (what colour would you rather have a tennis player, pink?) and pay attention to the things like the ever-increasing size of the rising ball and the animations of the serving action, you'll agree that graphically we're not talking a fault (har har).

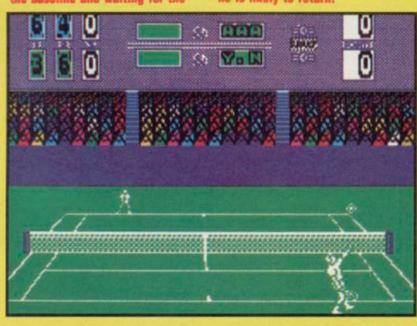
Passing Shot is a corker of a name. I'm not a his fee of service.

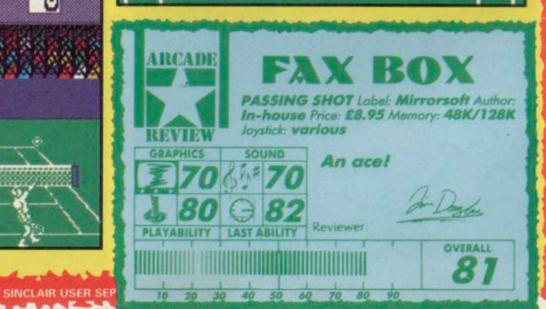
Passing Shot is a corker of a game. I'm not a big fan of sports simulations as a whole, but this one's a smash hit with me (haw

haw)

other guy to make his move. Get right into the net, crank up your reaction time and hammer the guy into the dust.

The rougher your opponent, the faster the game and eventually you should be moving into position for your next shot immediately after playing one. By controlling the destination of the ball, you can dictate where your opponent has to run and therefore what sort of shot he is likely to return.







OVER A DOZEM

CHART-BUSTERS
ATO THO
PACKS WASN'T
EASY



BUT NOW HERE THEY ARE ... THE TOP-SELLING COMPILATIONS THAT NO PLAYER SHOULD BE WITHOUT.

THE IN CROWD

A M S T R A D C O M M O D O R E S P E C T R U M D D O R E S P E C T R U M D D D S K



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SPECIAL ACTION

A M S T R A D C O M M O D O R E S P E C T R U M

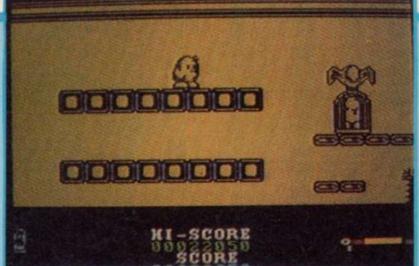
C A S S E T T E



ow. There's cutesy and there's cutesy and there's New Zealand Story.

Just get a load of this for a thoroughly spewey situation. Poor ikkle wikkle birdles have been stured by the nasty old Walrus in New Zealand. He's going to stick his nasty walrus fangs into them and kill if they don't get away soon. Oh

Brave Tikki Bird escapes from the clutches of the evil blubbermonster



really bad; mean little critters who scoot along the floor and drain your energy on contact.

The only way to progress is upwards. By half bouncing and half flyingf, Tikki can scale tall platforms in a single bound, sproinging himself over the bad guys. Once you opt for this mode of transport, though, you'll need to be careful not to impale yourself on the dangerous spikes or fall down bloody great holes. Actually, you need to be extremely careful how you use your jumping ability. If you're happy jumping into the air and putting your face in the line of fire, that's fine. Otherwise, don't.

The aim of each level, of course, is to locate your little friends and get to them, thus freeing them from the clutches of the evil Walrus' followers. You're armed with a bow and arrow of pretty serious

and vows to free his friends too. But where can they be? There are so many screens in New Zealand, and they're all populated by horrible pointy monsters, it's all a bit of a to-

Tut. This doesn't look like my kind of game at all. Big fluffy wuffy birds bouncing round a foreign country being all cutes. Spit pew!

Now, if I can be won over by a game like this, anyone can. And I

New Zealand Story is like a latform game taken to its ultimate extremes. You can run and jump and fly. The screen scrolls in four directions and there are objects to collect, bonus points to have and even special flying things to transport you around the levis more

You begin at the bottom left hand corner of level 1 faced by mysterious hostile creatures. There are a few platforms in sight but initially things look a little sparse. Not so for long!! The bad guys are



firepower, and there are extra tool-ups available (bombs and the like). The trickiness of New Zealand

Story comes in the sheer number of baddies you have to deal with at one go. Since you can jump into the air, fire in both directions and turn around and alter your path of descent, the programmers have decided that it's perfectly fair to inflict a merciless onslaught of bullets and arrows and fuzzy monsters upon you.

As you progress further into the game the screens become more and more cluttered and the actions you have to perform become more and more mad. Can you really imag saying to a mate "Yeh, I was in a little basket flying over New Zealand, and I'd rescued a couple of little birds but the Walrus has so many henchmen I didn't know where to go next. And the spikey walls kept killing me?"

They'd lock you up. Which doesn't really affect the fact that NZS is absolutely fabb





NEW ZEALAND STORY Label: Ocean Author: In-house Price: £8.95 Memory: 48K/ 128K Joystick: various

PLAYABILITY LAST ABILITY

Brillo cute romp.

for Longles

OVERALL

SINCLAIR USER SEPTE



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+++YOU'RE BETTER OFF TALKING TO





uack! You've seen our cover. You've played the coin-op. Now read the review of the most off-the-wall, round the bend game this side of Toon Town. Dynamite Dux is upon us, and you'll flip over it.

If you thought you'd seen the ultimate in cutesy graphics in the likes of Garfield and Bubble Bobble, you'd better think again, 'cos Dux beats the lot.

It has to be said that assuming the character of a duck that looks suspiciously like Woody Woodpecker didn't entirely sound like the kind of game for me. That's when they told me about the Dynamite.

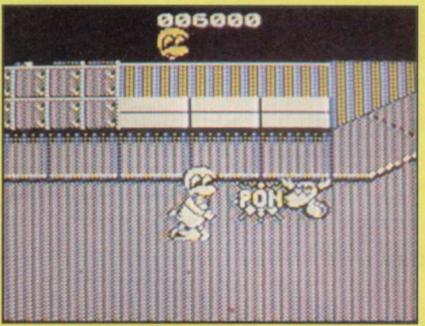
Duck is lost in a seriously hostile environment, surrounded by fiendish dismembered woodland creatures, hellbent on putting an end to his quacking hi-jinx. Thankfully he has access to the most amazing arsenal of weaponry known to man (or bird). It's like a cross between Bambi, Evil Dead and The Terminator.





Initially the Duck has at his disposal a pair of extremely handy fists. We're not talking flappy wings here. These hands like hams, big enough to shame Pop-eye in prime spinach-guzzling mode. The bad guys drift toward you with unmenacing lack of direction, floating





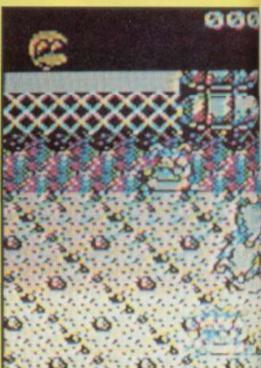
around and looking goofy.
It's like a dream come true to crank up your punch and knock the dullards into the middle of next week.

Each of the weapns you can pick up behave in a slightly different manner;



sometimes the rockets woosh off unpredictably, but they've got a much more serioud impact than the highly accurate Swiss army knife.

Life starts off easily enough, with a few punchable characters drifting around in order to get you in the right sort of mood. You'll quickly learn a few basic lessons. The response is occasionally a



little slower than you'd like, so the name of the game is anticipation and forward thinking. If you're faced with a screenful of moose-heads, there's no point building up a huge power-punch (achieved by holding down the fire button) to bump one off, or





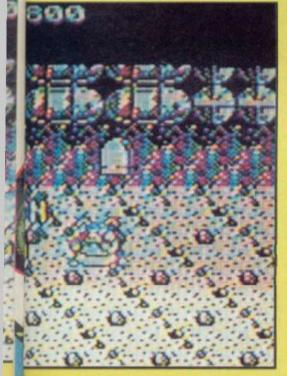
The action is pretty well all-directional; as well as left and right, you can move vertically into the screen, across the path (if you know what I mean). And the scrapping takes place across all these planes too. You've





got bad guys coming at you from all directions at once.





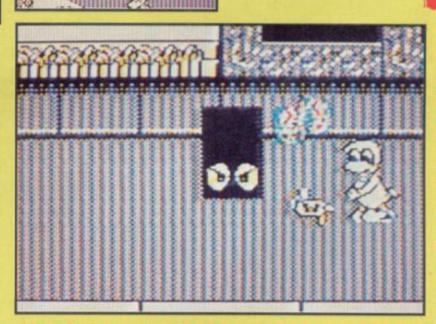


you'll be swamped.

Some of the bad guys are capable of dealing with certain weapons, but not others. You can't carry them all at once, so you'll have to prioritize. There's a good deal of getting to grips with the maze layout involved. You'll always find that you're in the wrong place, facing the wrong bad guys armed with the wrong weapon at the wrong time.

Later levels take place in even rougher terrain and the deeper into the game you go, the more bizarre and dangerous the inhabitants become.

Graphically, Dux is a real treat. As monochrome as it can be, the pix are clear, cute and big. And the animation is flawless. Although some of the views look a little quirky, with slightly strange angles, and occasionally dodgy perspective.





FAX ROX

DYNAMITE DUX Label: Activision Author: In-House Price: £9.95 Memory: 48K/128K Joystick: Various

SRAPHICS SOUND

\$ 80 € 70

\$ 80 € 82

What a stonker! Cartoon cuteness combined with apocalyptic blasting.

Reviewer

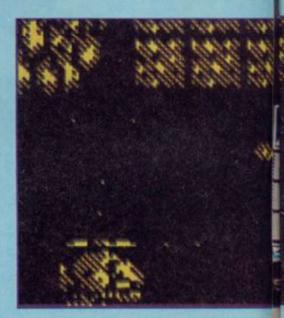
82

SINCLAIR USER SEP

LEVEL 1 PART 1

So you think you're the business when it comes down to playing computer games do you? Even the best get stuck at some time or another and the fact that you're reading this month's Dirty Tricks Department can only mean that you're stuck right now. Unless, of course, you are reading this section because of its unequaled creative style - no, we thought as much. When it comes down to the nitty-gritty, you want tips on Silkworm from the lads at Virgin and no doubt you'll be wanting the second section of tips on Hewson's Stormlord which we started in the last issue. No doubt you'll also want to get on with looking at this month's map of Mr Heli. So get on with it then.







SILKWORM



Given a classic status a couple of months ago in your favourite magazine (other than Cucumbers Weekly of course), Silkworm from Virgin Games is one shoot-em up that is going to be difficult to

master – try playing it with both jeep and helicopter under the one control if you don't believe me! However, grab a look at this bundle of hints and sort yourself out if you're stuck.

One of the first things to realise about the gameplay of Silkworm is that the two types of craft (jeep and helicopter) both have different characteristics when it comes to actually controlling them. For instance there are some ground defences that the jeep cannot destroy on its own.

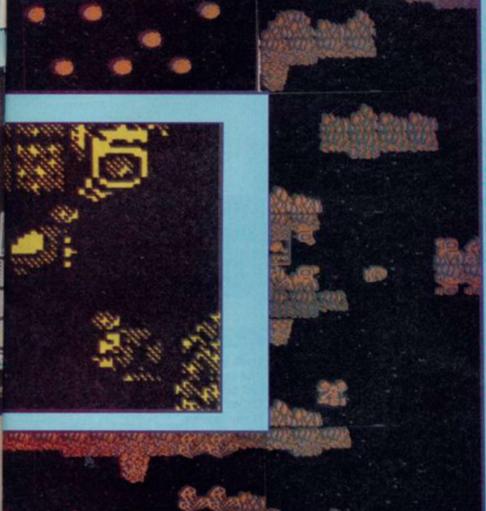
The flat landing pad type buildings found throughout Levels One and Two will give the jeep a lot of unwanted hassle. If the rest of the screen is clear you may be able to get the jeep to leap across them provided it takes a good run up and there isn't a marauding alien type thing lurking just over the other side.

A far more satisfactory outcome can be achieved by a little coordination between jeep and chopper. The helicopter can shoot rockets downwards at an angle of approx 45°. When the player controlling it sees such a ground defence, why not get him to do the dirty work and dive down and knock out the building before the jeep is anywhere near it. Teamwork is what it's all about.

Throughout each of the levels in Silkworm, you will come across giant end of level alien craft. The ones that are made up of small sections which group together as you progress through the level are pretty tough. To deal with them, clear the screen of all other alien craft and position the jeep just below the neck of the enemy and the chopper just above it.

Now you can continually fire at it from both above and below. It's weakest point does seem to be its belly but don't get too close otherwise you'll collide with its head! If the craft starts to get too close to the left hand side of the screen, move the helicopter up and over to the right, being careful not to collide. This will automatically cause the alien craft to retreat back to where it came from.





DIRTY TRICKS POKE CORNER

Having problems
with the very
latest releases?
Scratching your bonce
with frustration over
the nine legged troll
found in Level Twelve?
Well then it's time to
cheat, buster! Here's a
selection of handy
Multiface pokes sent in
by Simon Conway from
Bolton. Red buttons a
go-go!

STORMLORD

Poke 56877,00 THUNDERCATS

Poke 31401,0

Poke 31402,0

EXOLON

Poke 42338,0

Poke 36845,0

CROSSWIZE

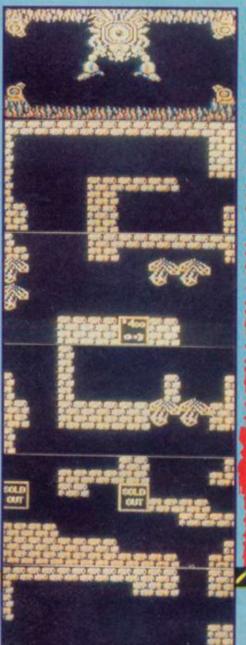
projectories take is very straightforward and you should be able to suss out where to hide to avoid them

altogether.

Poke 51617,0

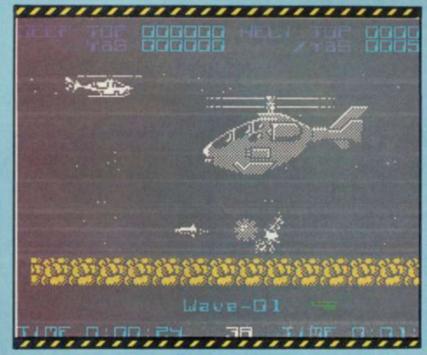
Poke 52108,0

Poke 37051,201



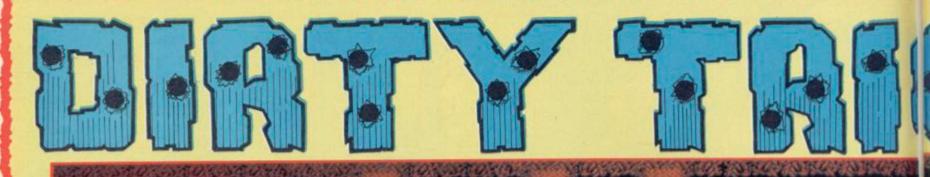
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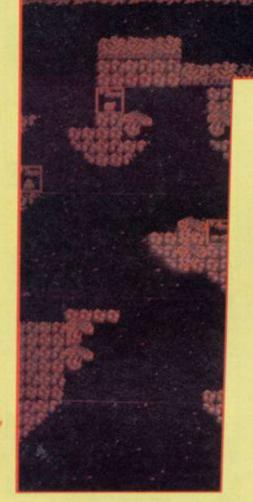
LEVEL 1 PART 2 CONTINUED OVERLEAF



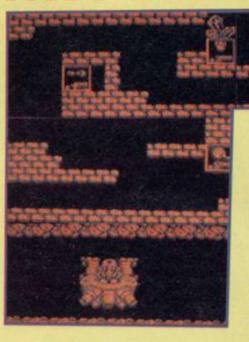
(Cue Stock/Aitken/Waterman song).

Things should run pretty smoothly throughout Levels One and
Two except, of course, the humungous (now that word brings back
memories) alien critter lurking at the very end of each level might
get a mite (now that's confusing) annoyed and start to lob missiles
and other assorted rockets in your direction but the pattern these





MR HELI



thing. The trick here is to keep the chopper roughly in the middle of the screen and when the first tanks appear, drop down low and shoot the ones appearing at the right hand side of the screen.

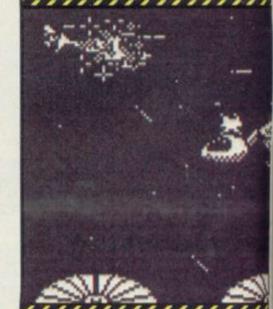
Doing this, and then when that part of the screen is clear, moving across to it, will save the chopper from the tanks appearing on the left. Simple really, and provided the jeep driver has enough intelligence to follow the chopper's pattern, he'll survive without any hassle as well. If your teammate does his own thing watch him die and then beat him across the head severly with a copy of YS or something.

Balls. Yes really. Big black ones that bounce around menacingly at the right hand

edge of the screen playing area. Balls that need at least four or five hits each before they blow up and vanish. As your craft progresses through each successive wave in the game, it will have several encounters with this type of alien craft who seem to genuinely enjoy crashing into you. Either run away as fast as you can or grab a twin weapon system or die. That's a pretty straightforward tip if ever I've written one.

In Wave 3 you'll find yourself confronted with a small alien which seems to float about a bit in the top right corner of the screen – blast it as soon as you can. Otherwise, after a few seconds, the damned thing will sprout rockets in right different directions and it's pretty likely that you'll be on the receiving end of one of 'em.

Also at the end of Wave 3, there are craft which seem to doze about for a few seconds and then zoom across the screen in your general direction dropping a crate full of bombs as they go—if your chopper or jeep is anywhere even remotely near this event, it'll get blow to pieces. There is one method of escaping this onslaught and that is to dive to the bottom left hand



SILKWORM



Other problems that might pop in for a coffee occur at the end of Level Two when what seems like hundreds (at least five or six anyway) of tanks drop down from the sky with the sole intent of landing on either your jeep or chopper. This is, generally, a bad

CKS DEPT

STORMLORD



corner and hide until

reached ground level and blown up -

tucked in close enough

yourself living to fight

Other small tips you

1111111

can make good use of

include the use of

as small bunches.

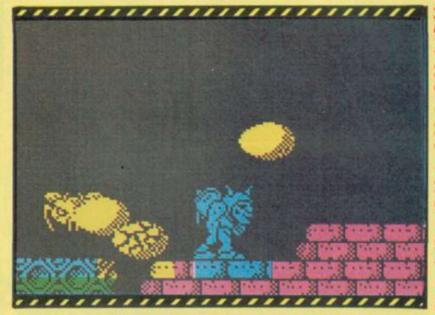
Useful huh?

smart bombs. These appear on the screen

provided you are

to the corner you

might just find



In last month's 'legendary' Dirty Tricks Department, we brought you all the gumph and gizmo (whatever that is) you could ever want to help you complete Hewson's latest release Stormlord. Almost all of it that is. Well, Level One actually. Still pretty generous though eh? So this time around what could be more exciting than a complete playguide to all the little quirks and cranoids in Level Two? Exactly, nothing could be more exciting. Nothing. Naff all. Zilch. Not a lot. Sod all. Not even THAT. (That's quite enough thank you – JD).

Life's a bitch eh? No sooner does old Stormie arrive in Level Two, than he's surrounded by erupting volcanoes, spurting bouncy balls. You need to guide Stormlord to the left, waiting until the bouncing ball is moving upwards. This should allow you to move your guy underneath the ball before it begins its drop back to earth.

onwards to the left and jump onto the nearest level.

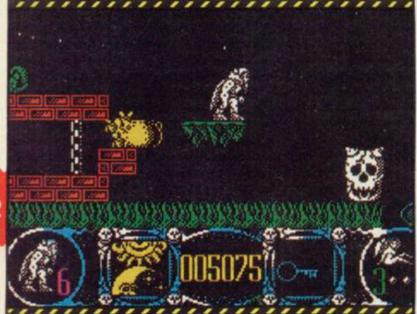
WATCH OUT! The ledges in this section will automatically crumble and collapse when you jump onto them, letting Stormlord fall down and onto the nearest man eating plant. So, get on and get off as quickly as possible if that isn't too rude a suggestion.

At this point in the game, you come up against a giant pillar which is far too high to jump over, but right next to it should be a key – grab it. Run back the way you came, avoiding the plants and bouncing ball until you encounter the pawn type

baddies which appear at the top of the screen and drop down on top of you.

Once they reach the ground, they will leg it off to the right or left depending on what they feel like at that particular time. (I'm lying of course, there is bound to be some sort of

STORMLORD



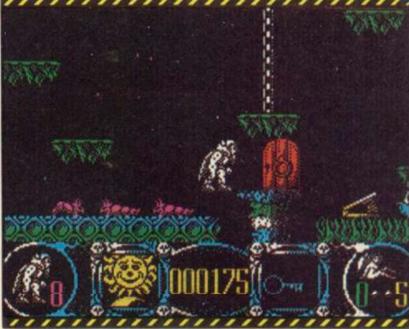
pattern, but who's stupid enough to hang around and suss it out?) Instead, run as fast as poss to the right hand edge of the screen when you spot a gap, remembering that you can defend yourself.

As you progress, you'll find yourself the first springboard. At the moment, you should avoid picking up the honey pot which lies nearby, that will come in use a little later on. So, open the door using the key you just picked up, walk on top of the fairy and then bang on to the springboard and dash away.

You now find yourself 'magically' transported right back to the beginning, which, at first, may seem a trifle pointless. However, once you've put your thinking bonce on, you'll realise that the pawn-type alien slimy creatures which come from wherever pawn-type alien slimy creatures come from nowadays, can run after you and climb into the little cave containing the fairy and springboard without you realising what's going on. That way you'll be concentrating hard to pick up the fairy when a pawn taps you on the shoulder and wheels you away to the funny farm. So (pause for breath) obviously the springboard is intended as a quick escape route back to the start and out of the way of danger. So use it.

Now that you are back at the beginning, you can pick up the honey pot. Leg it off to the right once more, get past the pawn again, but this time, instead of dashing into the cave to cringe and hide, jump up onto the cave roof. Keep moving to ensure that a pawn doesn't catch up with your man. Drop down off the roof once you reach its far right hand edge.

More pawns. Once more, the area is frothing and steaming and boiling and gurgling and any other adjective you want to mention, with pawns. They too follow some sort of pattern.



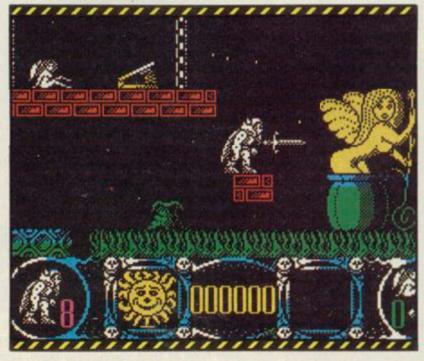
But whatever method you attempt to use to get past them, you need to pick up the little furry looking creature lying on the ground in the middle of the screen. This is the big jumper. Oooooooh! If you pick it up it allows you to perform big jumps. Oooooooh! Bigger jumps than normal. Oooooooh! This will come in rather handy later, believe me. So swap the honey pot which you are carrying for it, and then leg it back the way you came, avoiding the pawns.

Stormlord now needs to run right back to the beginning and on further still until he/she (you can't tell with the clothes kids wear today) reaches the ruddy big pillar described earlier. You can now jump up and over it using your 'big jumper'. Doing this will give you access to another section in the level. Here you are attacked by rodents as seen in Level One which can either be jumped over if you are feeling a bit energetic or, perhaps less glamorously, shot.

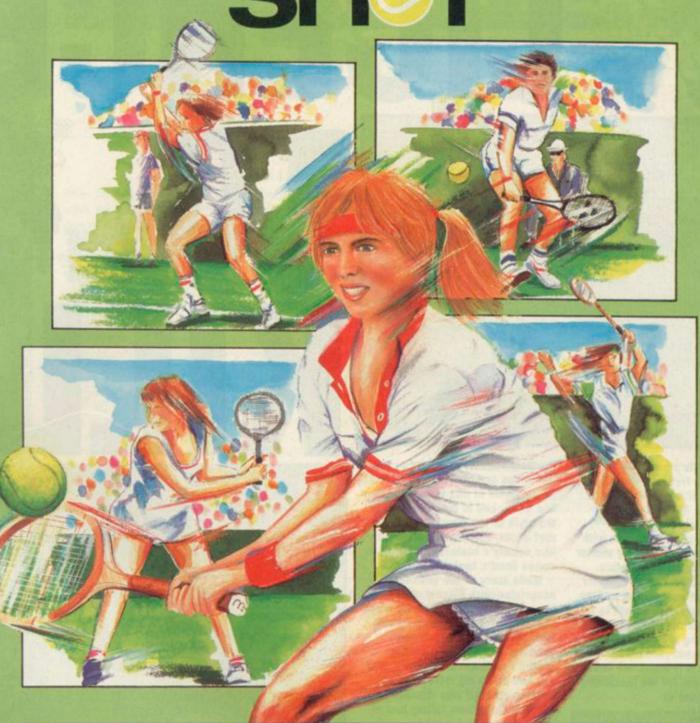
Jump over the giant sunflower plant and keep walking left until Stormlord reaches the umbrella. Swap the 'big jumper' for the umbrella and then jump on to the springboard to magically transport yourself yet again.

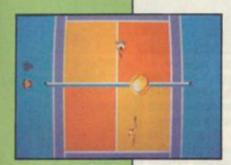
Once Stormlord reappears, jump up and grab the fairy situated on a ledge to his right. You can safely walk through the acid rain because you've collected the umbrella. Then drop down from the ledge and jog to the right. You'll be attacked by the usual flying dragons which, so long as you keep firing frantically, should present not too much of a problem. (Hee hee).

Once your man reaches the right hand edge of the level, you'll see a key which is hidden behind a pile of bricks. This may seem impassable, but once you walk into the bricks they will crumble and disappear allowing the key to drop down to the floor, where you can grab it easily.



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Screenshots from Atari ST version







LICENCE



e's big. He's back. He's pretty bad too. Well, maybe I'm being a little harsh, but for me, the latest 007 outing just doesn't hold together.

It's a three stage package, with subsections in each, largely similar to games we've all seen before.

Part one, stage 1 is a vertically scrolling shoot out, similar to Slap Fight and others. You've got to fly your helicopter over hostile enemy terrain, chasing arch baddie the smuggler Sanchez (and his beautiful girlfriend, as if it mattered) in his jeep. Watch out for the Machinegun Installations of

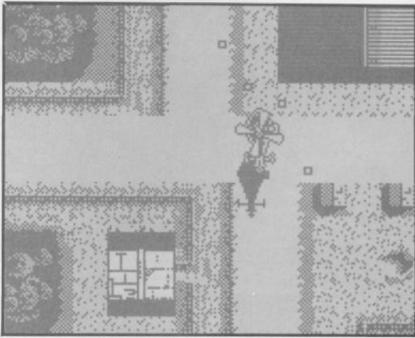


Predictableness, firing out at all directions and blowing you to bits. Being blown to bits is an extremely bad thing, and is best avoided. In the style of the Man Himself, you dart about, zooping and swooping like nobody's business. Well, like James Bond's business in fact.

While many of the problems associated with those games have been avoided; you can pretty much see where the bullets are coming from etc., it simply isn't very exciting. You can blow up the baddie's car extremely easily, and you end up losing more lives by bashing yourself into unpredictably high buildings than falling foul of the bullets.

The 2nd stage of Part One involves a lot of running around and shooting, Bondy is on foot, and picking off the bad guys with his famous Beretta. Actually, this bit is pretty good. Although the graphics are completely liny, the sighting of the gun is excellent, a little circle indicating the approximate position of the fall of your bullets. You can take cover behind packing cases and debris and pick up spare ammunition.

TO A MARKET MARK



Make sure that you don't leave yourself short on bullets at any stage; this is a sure-fire route to doom as Sanchez' henchmen will polish you off double-quick.

The next stage is thankfully closer to Bond's traditional exploits. You've got to prevent the evil Sanchez from fleering to Cuba by hooking a tow-tope onto the back of his plane. Not as easy as it sounds. Nigh on impossible in fact. If you're not absolutely spot-on target, you're done for.

Later stages in the game involve more high-risk antics like waterskiing behind seaplanes and chasing drug-laden lorries through treacherous terrain.

While there's a lot of variety in the package, and you are able to reenact most of the memorable moment from the film, the problem with I.T.K. is that it just doesn't hold together. I found I was getting myself killed with questionable regularity, more often from an inanimate piece of scenery than an active bad guy.

If you're a fan of Mr Smooth, you'll probably find your needs suitably catered for. Otherwise, a re-run of five games from the back of your software cupboard provide as much excitement.



FAX B

LICENCE TO KILL Label: Domark Author: In House Price: £8.95 Memory: 48K/128K Joystick: Various

GRAPHICS SOUND

172 6 ₹ 70

155 ⊕ 57

PLAYABILITY LAST ABILITY

Better than previous efforts, but hardly a premium Bond. (Arf)

Reviewer:



ER SEPTEMBER 1989



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As exclusively revealed by our 'I was there' OAP Correspondent

the early 1970's. But almost 20 It's.....Monty Python's Flying Circus - the Spectrum Game! What? that's not very surprising is it because Monty Python was a classic TV comedy series that was made in years after the event, the wacky, crazy, zany Python boys - John Cleese, Eric Idle, Terry Jones, Terry Gilliam, Graham Chapman You've never heard of them? Well, and Michael Palin - will be turning up in glorious technicolour in the privacy of your own home.

however and they are going to be knocking out a game based on the wacky, crazy, zany antics of the The fact that everyone that buys not put off those Children of the Seventies at Virgin Mastertronic Python team for your delectation computer games was busy doing sperm impressions at that time has later this year

Edited highlights of the game, we



1) Upper class twits race 2) Ministry of Silly Walks bit

3) An event involving a parrot 4) And Cheese

5) An Eliza program - designed to

6) Value-added voucher - 10p off

was a complete prat. A spokesperson enthusiastically commented, "I'm ever had the idea of licensing Python Virgin strongly denies*, despite intense press speculation, that whosorry he's in a meeting - can you call back on Monday."

Any rumors that Virgin also is iver Birds, Steptoe and Son, Man pursuing investigations to licence 'm Sorry I'll Read That Again, The shout the House and Jesus Christ Superstar, will be sent home to bed The Goon Show, Round the Horne, without supper

*probably - we couldn't really be bothered finding out.



this month - I want you to anytime vou want 10p for a bus Hello Everybody! Thanks for taking the time to read my bit know that I really appreciate the time and effort you are spending looking at this, and I'll be only too pleased to lend it to you, as long as you give it back in the end, cos I don't buying all the big boys at school up), buying my copies of Just fare to the station or something, sweeties (so they won't beat me Seventeen and Smash Hits and keeping well stocked up with left have much

technology' arena of the World of Sinclair. ing things have been happening this month in the 'white heat of Anyway, where was I? Oh, yes - what a lot of very interest-



By our 'made-up-stories' Correspondent

Domark - Licensed to make a Killing - has bowed to pressure from its bank manager and thought up another idea, over a six hour champagne lunch, about how to make even more mega-bucks this Christmas.

Commented Mr W Smedley Snr, manager at Cricklewood branch of the United Reformed Bank of Lithuania - "Domark has been a very difficult customer for us. First account, because the old one could only count up to £100,000,000. the money they made from Trivial to think of another idea to make of all we had to get a new computer in at head office to deal with it's Then, two years ago, I had to employ 15 extra staff just to count all finished that job, I thought it high time to remind Domark it was time humungeous amounts of spondothey've Now Pursuit.

Tough words indeed, bu Domark has risen to the challenge and licensed the computer game rights to yet another smash-hit board game – Pictionary.

In this game you are secretly given an object or concept to sketch – and other people have to guess what it is from your scrawl. In the board game it's done with a pad and paper. In the home computer version you'll be doing it on screen, with a built in art package!

Surely destined for success, it should be out in time for the PC Show at the end of September. A confident Smedley Snr commented, "What did you say your name was

WHERE IS ALL THE

BLEEDIN

SCANDAL-

By our '30 line fill' Correspondent

In a revealing expose of one of the most sordid scandals ever to be uncovered in the history of computer entertainment software – the SU News Inpub team can now tell you, the games buying public, why there aren't ever any good games around in the Summer. BECAUSE IT'S TOO HOT!!

Commented a major software developer, speaking from her Barbadian beach house, "Listen sweetie, if you think anyone any good is going to sit slaving away in front of a hot monitor while the weather is in the

90's - make mine a double will you - you've got the wrong idea of this industry completely."

This opinion was backed up by another leading game company proprietor, contacted at an unsan. "Of course it's too bloody hot for the boys to program – go and put some clothes on, luv, will you – but it's not the human factor that's the problem, it's not the human factor that's the problem, it's the tapes. Y'see, in the heat, all the little magnetic particles that carry the data

on the tape, jump up and down a lot and get very naughty. Vital data can be changed, making the graphics crude and blocky and scrolling exceptionally flickery. So we all go on holiday."

When confronted with these allegations, a full and frank confession was obtained from software Mr Big talking from a scenic location in South Dorset. "If you try reversing the charges again I'll sue – and how the hell did you get my mobile phone number?", he stated.

More SHOCKING revelations next month.

silly arcade games any day of the week? Mr and Mrs Activision have

Doesn't everyone realise that a

film and stuff. I don't know.

out what they are going to be

trying to sell you and me and Gran at Christmas. As usual

Everyone's been talking ab-

there's a lot of those coin-op arcade licences about as well as Mr and Mrs Actrossom nave been very busy – and they think that their version of Power Drift is going to be the favourite with Santa. And I don't know about the game, but I'm going to start queuing at the local to see Ghostbusters II (it's out early December) at Bonfire Night! I'm that wacky! Really!

The Domark's think Hard Drivin' from them will be good, and Ocean have got coinops like Chase HQ that will be quite exciting, I expect. US Gold think that they've got some good stuff as well – Capcom titles like Black Tiger and Ghouls and Goblins. Doesn't that sound like fun?

I think it's unfair that only one game can be number one anyway – I mean – it'll really spoil someone's Christmas if their game isn't top. Why don't all the software houses get together and make all their games joint number one! Then they'd all sell lots as well!

What I grow up, I hope to be a Management Consultant, you know. Bye for now,

Love Wayne. xxxx

GET INTO THE PC SHOW BLUMMIN * CHEAP! *

veryone knows that the PC Show is one of the most important events of the year. We know it too. It's where all of the new games are released after the summer holidays. It's where you can get the very latest information on the new titles that the Big Boys are working on for Christmas, and you can get crushed in the thousands of happy show-goers that fill the venue.

Yes, it's easily the most important date on any gamers calendar. And we thought it was about time that we said Hello to you. We're on stand 3443, in the Leisure Hall (man) and we'd love to have a chat with you. So why don't you pop along to the stand and pick up any back issues that you may not have, including all those scrummy megatapes you missed the first time round and were too lazy to send off for?

We'll all be on the stand, Sexy Jim, Sexy Al and Sexier Tim and you'll be able to come along and point out exactly where you think we're going wrong, going right or going off our rockers.

And we'll also have a whole bunch of arcade machines of the latest license games so you can check out the original before seeing what the converting software houses have managed so far.

And of course we're going to let you in for a truly paltry price. Just snip out the coupon below and show it when you enter the show and you'll be entitled to 50p off your admission fee.

The Costs:

Admission price (with this voucher) is £3.00

The Dates:

You can use this voucher on 30th September and 1st October

The Place:

The PC Show this year is to be held at Earls Ct. There's an easy tube service and signposts all over the place.

The Rest

Only one voucher may be used towards the purchase of a Show ticket.

No photocopies are permissable.

The Show organisers reserve the right to refuse admission.

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SINCLAIR USER SEPTEMBER 1989





findy's back," the ad campaign shouted from the rooftops, "And this time he's bringing his dad!" Strange, as far as I can tell there isn't a hint of Conneryness to be found anywhere, which is by no means a bad thing. After all, no-one wants to see the movie just

to see Indy's dad.

or two

As you probably spotted from our demo last issue, Indy is quite a guy. He can walk left and right. He can jump. He can climb up and down ropes. He can crack his whip. He's even been known to throw a punch



he's got quite a bit to get through. No less than four exciting scenarios from the exciting movie. You play the part of

> Probably the game's strongest point is its visual side. Quite a few nicely digitised piccies adorn the game. As for the main sprite - it looks like Indy. It walks like Indy. It darn well IS Indy. Even when you leave the joystick it looks out at you

in an Indy sory of way (yeah, ok Tone!?! - AI).



when

necessary. He's

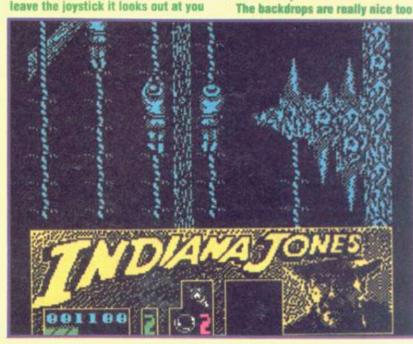
quite a versatile guy.

the young indy, partaking of the Cross of Coronado, which drops you deep down in a maze-like warren of caves, hunting a mysterious ankh. Guards not completely dissimilar to the thuggee are dotted about in prime positions just waiting to get a shot at you. Find the ankh and get out, and next you'll find yourself slap bang in the middle of an ancient temple in a way not a million miles removed from Heroes Of The Lance. Then to a slightly more up to date maze, racing around a Mazi Zeppelin, punching out guards and climbing ladders all over the shop. Finally comes the big one. The race through a Raiders Of The Lost Ark-like tunnel, leaping over and around traps in the search for the Holy

the lad

himself, firstly

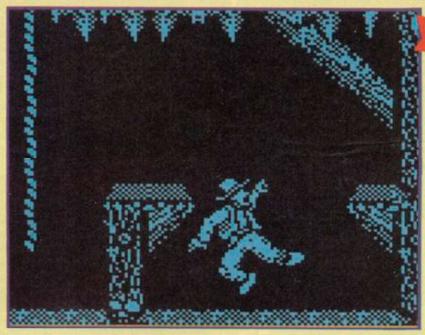
in the form of





The rocks and urns look very realistic, as does the interior of the Zeppelin. On most of the levels, the scrolling is normal, nothing outstanding, just regular. But on the Zeppelin level it's great. The Zeppelin bops up and down constantly, as well as having four way scrolling when you move, so as you can probably imagine, that's quite an impressive image.

I've raved about the plot, and I've raved about the graphics. But what of the game? Well, if you're after a fast paced action arcade game, you'd better steer well clear,

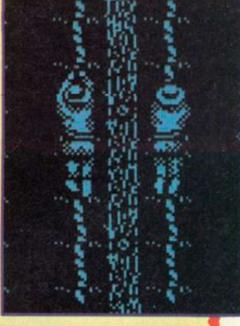


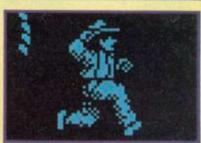
GAMES

furiously addictive, or an essential purchase, it is a worthy one. Indiana Jones and the Last Crusade captures the feel of the whole indy character, and I look forward to seeing the adventure game.









However, if you're after something that's a little more paced, but requires a great deal more brainpower, then step this way sir, I think we might just have one to fit you.

Rather than being one set route, the paths to be taken on each level are many, and as you are given absolutely no indication as to where you are supposed to be going, it's down to trial and error as to whether you get there. However, beware! There are certain places you can get to and can't get out of, so be wary about dropping down holes or climbing high blocks.

It's good fun, and though not



FAX ROX

INDIANA JONES AND THE LAST CRU-SADE Label: US Gold Author: Tiertex Price: £8.99 Memory: 48K/128K Joystick: Va-

3 86 65 79 **3** 82 ⊕ 76

Enjoyable arcade romp. Whip crack away indeed!

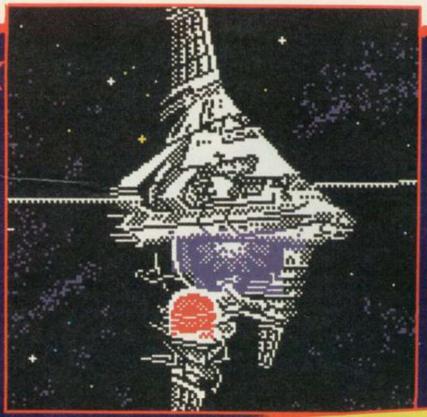
Reviewer

80

SINCLAIR USER S

have returned, and this time they're badder than ever. With a larger pirate fleet and more advanced interspace weaponry, they're just a bit more fearsome this time. The only problem is, Novenia haven't actually managed to get their space fleet into any sort of battle worthy state. After all, they did take a bit of a beating after the original Starglider.

This is where you come in. The powers that be have decided there is only one way



saying "The Amiga graphics were a lot better". Yes, I know, but, the point I am trying to make, is that the game itself comes out a lot better in its eight bit incarnation.

The graphics are surprisingly fast considering there is so much going on at the same time. Other craft are 'there'. Walkers are real. Small potholes in the chequered landscapes are almost real enough

landscapes are almost real enough to make your steering wheel shake.

And how does it play? Brilliantly. There is just so much going on, you could quite easily sit and play for hours. I love it. Mind you, I didn't like it at first. I thought it was crap. Then after I managed to get somewhere, I started to really get into it.

Although Starglider is in no way brilliant, and is far from perfect, I think it's bloody good. Worth checking out if vetors are your thing.

STARGIIDER?

to beat the bad guys for good, and that's to hit them with a super-powered neutron bomb. All they need now is someone to build it

Funnily enough, there are people who are more than happy to build a bomb for you. At a price. And what a price. A huge list of items comprising flat diamonds, cans of fuel and mechanical whales are required in return for the blasty gear. And there's your game.

gear. And there's your game.

First of all, locate the bombbuilders. These are found in one of
the tunnel networks dotted about
the planet you've been plonked on
at the beginning of the game. When
found, these people will give you a
list of items they need. Make a
note, and then it's out into the wide
black yonder.

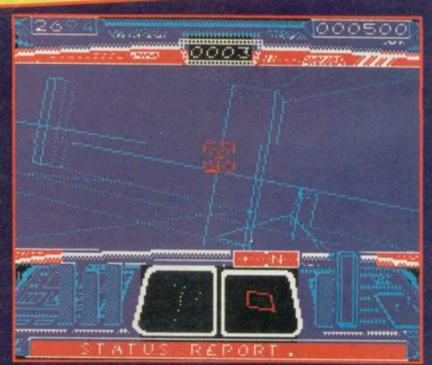
So off you pop into space, to

reach all the other planets and moons that litter the solar system of Novenia, and what an impressive place it is. The huge gas planet of Millway, with its moons and asteroid belt ring playing a major role in the production that is the Novenia system, second fiddle to the sun (oh, good grief – Al).

And now we move to what I

And now we move to what I consider to be the game's strongest point – the graphics. How do you convert superfast sixteen-bit colour filled vectors to a Spectrum? Simple. Use hidden line vectors rather than filled or shaded, and make the whole thing monochrome. Could it possibly work?

rather than filled or snaded, and make the whole thing monochrome. Could it possibly work?
Indeed it does. Call me mad (well, don't) but I think the game works a lot better on the Spectrum than it did on the Amiga or ST. Now, I don't want lots of people writing in and







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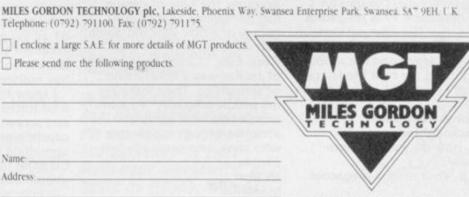
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S/09

GOOD GRIEF, A MOAN

Dear SU, You people must be awful judges of quality. Whoever produces the Megatapes should be immediately forced to listen to the complete works of Tom Jones, twice.

The Virus demo on Megatape 6 was non-existent, the Technocop demo on Megatape 10 does not work, but now to take the gooseberries, Electric Bingo II is naff! When you finish the game and try to enter in the code from the front cover nothing happens. The cursor will not move around the icons and if you press a wrong key the game crashes.

Unless you sort out the Megatapes I may have to take serious action. No, I won't defect to YS (rake throat, spit on dog), I'll come round and give Wayne a good duffing. If you don't print this letter Wayne and make me a famous megastar I'll rip down all of your Kylie Minogue posters.

Nicky Bell Gwent, S. Wales P.S. Alison Skeat, I love you.

JIM SAYS: "RIGHT, LETS DEAL WITH YOUR POINTS ONE BY ONE. OH, LET'S NOT NOTHER. ALL I'LL SAY IS THAT IF YOU THINK PLAYABLE **DEMOS OF INDIANA JONES** AND BATMAN DON'T BEAT THE PANTS OFF EVERYTHING ELSE AROUND, YOU'RE A VERY STRANGE INDIVIDUAL." @ ALISON ADDS (IRRELEVANTLY), "THANKS NICK I THINK YOU'RE PRETTY YUMMY YOURSELF. I SEE YOUR PHONE NUMBER IS ON THE TOP OF YOUR LETTER AND YOU'VE STATED THAT IT'S FOR MY USE ONLY. THING IS, I'M A BIT SHY, SO I THINK YOU'D BETTER KEEP SENDING ME LETTERS UNTIL I BUILD UP THE COURAGE TO CALL".

YIP YIP MEGA 17 IS GREAT

Dear Wayne, Denizen on Megatape 17 is megacool (for once). The way you blow up is cool. The maze is cool, the graphics are ok and the sound is alright. It's the best Megatape so far. I've spent hours of fun on it.

Stephen Fairclough Westhoughton

P.S. How do you get more energy?
P.P.S. Your mag is megacool.

JIM SAYS: WASN'T YOUR MUM IN CORONATION ST?

GOOD GRIEF, ANOTHER MOAN

Shut up Wayne, I've a few points to make...

1) Have SU struck a deal with Interceptor/Players? Interceptor reduce the cost of Megatape production if you stick their material on the tape, eh? (Birrov cheap publicity there, I don't think so).

Players stugg is on tapes 8, 12 and 16. This matches where you have to send tapes 8, 12, 14, 15 and 16. I suppose tapes 14 and 15 were spared Player's code in case someone suspected.

2) Tim Noonan's titles may be colourful but they are flippant and lack quality. Take the Write Stuff heading for example. How old is that, by the way? He draws the SU team and Wayne craply as well.

3) No wonder The Sorceress (Tony Dillon) has no space to print hints and reviews – too much space is taken by trivia '...and I turned him into a frog' nonsense (yawn).

4) How about some serious articles, like programs and hardware news?

 Now you're in first place (well done) you can tell us your ABC, and who is second and third.

6) Wayne's boring now – next.
 Jon Powis

Bournville, Birmingham P.S. I dare you to print point 1).

MAYNE SAYS: YES.
HARDWARE ARTICLES. I
THINK THERE'S DEFINITELY
NOT ENOUGH ARTICLES
AROUND EXPLAINING HOW TO
INTERFACE YOUR
HOUSEPLANT TO YOUR
SPECTRUM. I'M CERTAINLY
GOING TO BE CAMPAIGNING
FOR MORE OF THAT SORT OF
THING.

JIM SAYS: YOU'LL BE LUCKY.

HELLO, I'M MR. MAD

Mornin' spazo, There's a couple of things that I can't stand in your mag (oh, here we go again – AI). Take, for example, the type of person that complains about your review of a fifty year old game that went out with the Bee-Gees. Like, "I think your review of Jet Pac was a little unkind...", or something. Then there are the people who say, "Yo Kami", and people who complain about swearing, and people who stink, and generally just people.

Mr Mad Madsville

@ YOU'RE MAD!

GRIZZLE WHINGE GRIPE

Dear SU, I would be very grateful if:

You could tell me the address to send my faulty
 Megatape 17 as I couldn't find it in the last issue.

2) You could print more pictures of Alison 'Sultry Temptress' Skeat.

Roger Mellie Northampton

P.S. Bring back Kamikaze (oh look at me, I'm a psychopathic Rupert) Bear so we can take the mickey out of his stylish Mickey Mouse alarm clock.

● WAYNE SAYS: SORRY I FORGOT THE ADDRESS ON THE MEGATAPE PAGE. JIM HAS GIVEN ME A GOOD PUNCHING SO I'LL REMEMBER NEXT MONTH. THE ADDRESS IS: SPOOL, FIRST AVE, DEESIDE INDUSTRIAL PARK, CLWYD CHS 2NU.

DIM SAYS: IT'S BAD ENOUGH HAVING TO LOOK AT SKEATSIE EVERY DAY LET ALONE HAVE HER MUG GRINNING OUT FROM THE PAGES. YOU MUST BE A REALLY STRANGE GUY. BY THE WAY, AREN'T YOU THE ONE ON THE TELLY?

MR. DISAPPOINTED

Dear SU, I am writing to say how disappointed I am about the way some software houses can't be bothered to put a decent completion screen on their games.

When I brought Last Ninja 2 last year I was thoroughly impressed with the game. But as soon as I completed it all the appeal vanished as the screen flashed twice and a message appeared and then the game went back to the beginning of the last level. I could not believe such a good game had such a duff end screen.

I haven't played Last Ninja since that night of sorrow. As this game cost £12.95 I though it should have had a separate tape to load up a picture and a scrolly message.

As my brother owns an Atari ST all his games have an excellent completion screen (Barbarian, for instance), so he has nothing to worry about.

I know the speccy is the best 8-bit micro and having a good end screen is well within its capabilities. I hope to be upgrading to a PC Engine and a CD ROM unit and I am guaranteed a good end screen.

If only software houses put more effort into their games less people would be changing their computer, like me.

Mark Cadier

Folkstone, Kent

● JIMS SAYS: "YOU MUST BE OFF YOUR ROCKER. SURELY YOU CAN'T SERIOUSLY BE PLANNING TO ABANDON THE SPECTRUM BECAUSE SOME OF THE END SCREENS AREN'T GOOD ENOUGH.

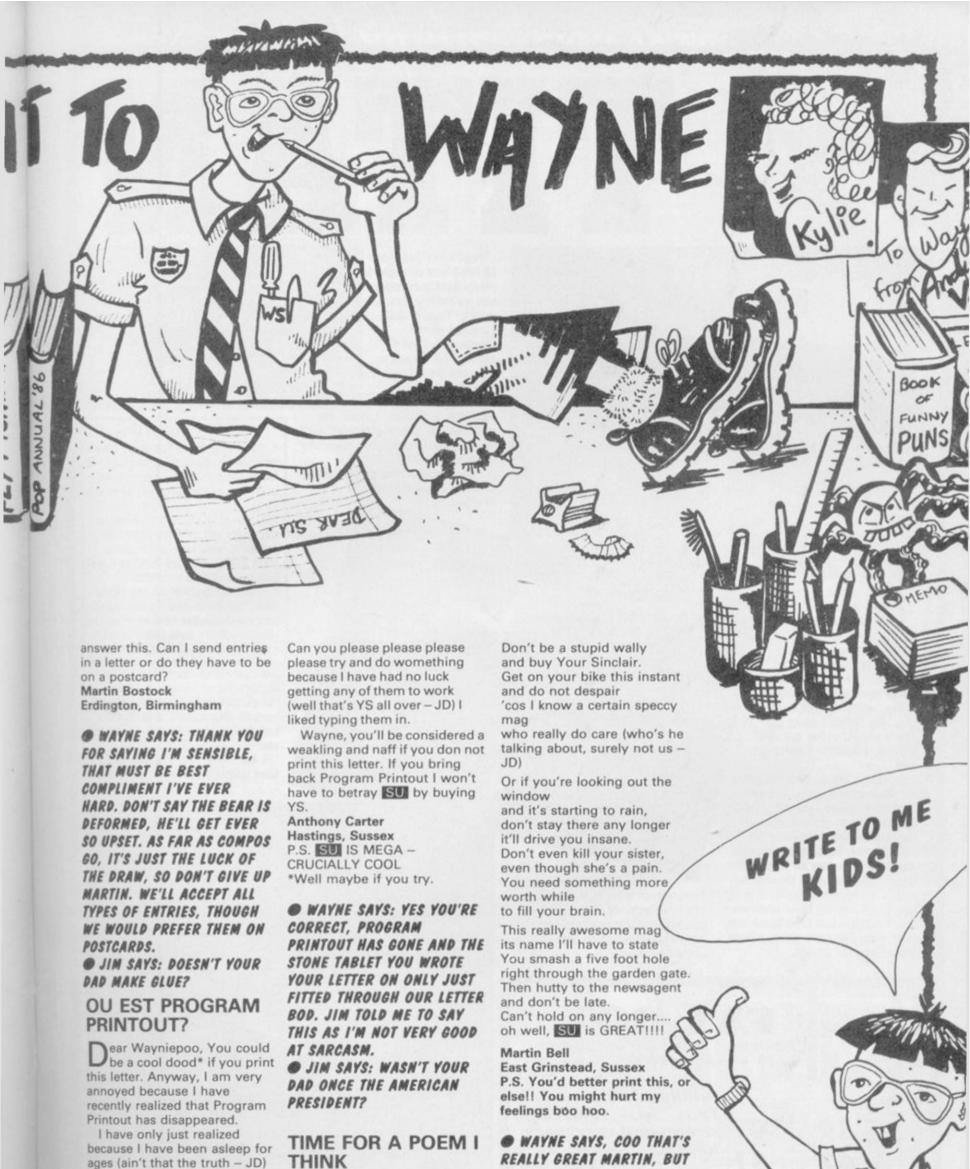
A FAN FOR WAYNE

Now I'm not going to start off by slagging you off. In fact, most people call you a spaz but I think you answer the letters in a much more sensible way than that deformed bear, and also, you are not rude to your readers.

Now I have been collecting your magazine for 2 years and have entered all of your competitions. I have spent about £20 on stamps, and what have I won? Nothing and I'll tell you why. Because so many people enter. Perhaps you could restrict the entries to the first week, and then I'd have more of a chance of winning something.

Perhaps it is because I send my entries in a letter when you always ask for them to be stuck to the back of a postcard. Please





ear Wayne, I thought I

as David Robinson. Hope you

If you're really blooking fed up

and it's too much to bear

like it.

could write a poem as well

and I only awoke when my

I would do anything, even pay

an extra 50 guid to have it back.

My favourite was Astro Battle.

mother had been to the

newsagent to get my

subscribed magazine.

I'M NOT SURE IF IT'S UP TO

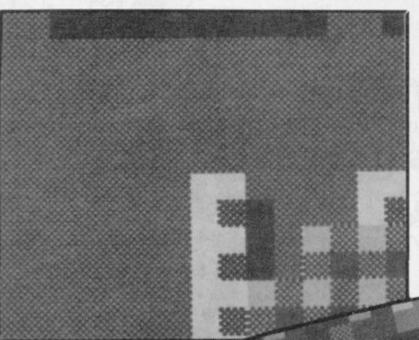
WONDROUS WORDSMITH, GAZ

SMITH OF ILFORD, WHO HAS

SEND US ANOTHER FAB DITTY

THE STANDARD OF THAT

THIS MONTH.



Pop! What was that? Oh, that was my little dream bubble bursting and me falling back to reality. Titan is dull, pure and simple. Graphics? It hasn't got any. All it uses are coloured blocks, character block scrolling and a garish

selection of colours. Indeed, the speed of the scrolling coupled with the colours is remarkably headache inducing.

I mentioned earlier that it's really easy. Now, the thought of a ball



1. Take your time! You don't have a time limit, and in a lot of places it takes some precision positioning to overcome certain puzzles, so take it easy.

2.At the start of each level rather than take out as many bricks as possible, look around the entire maze taking in the position of things like teleporters and skulls.

3. Don't let the ball hit the skulls! Important point number one. Important point number two: don't hit the skulls yourself. Both result in death, and we don't want that, do we?

you can die on, that changes the perspective of things. The only things that can kill you are blocks marked with a skull, and they are very few and far between, let me tell

I don't like Titan, as you might have guessed by now. It's very dull,

itan is fast, colourful and destructive. It features mega-fast smooth scrolling, more colours than a Spectrum actually has and dozens of levels.

And now the bad points. It's boring, repetitive and far too easy. But before I really start to slag it off, I'd better tell you about it, otherwise I won't get paid.

You are a block. You, the block, are situated in a maze. The early mazes are simple, like a box, and the later mazes are more complex. Also dotted about the maze are other blocks. To complete a level you have to destroy all these other blocks. To destroy all these other blocks, we introduce the twist in the tail, a ball. So, the basic game idea is to bounce a ball off a block into some other blocks to destroy them. Sounds original enough.

But no, that's not the whole story. There's even more to it than that. The maze actually covers loads of

screens, and you can scroll all over

the place at really high speeds. Cor,

sounds brilliant! TITAN Label: Titus Author: In-house Price: £9.95 Memory: 48K/128K Joystick: va-Another flop from SOUND Titus. Fast colourful, strong and very, very long. bouldara LAST ABILITY OVERALL

40 50 60

richocheting at high speed while you struggle to hit it with your bat might not seem too easy, but when you think that out of every five screens, there's normally only one

very repetitive and very Titus. As usual, avoid it at all costs. In fact, don't even read this review. Quick, rip out the page and burn it. Now, come on hurry up! Aaaaargh!







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WEC LE MANS

What a sucker I am (yes you are – J.D). Trusting Dillon's reviews is like picking a 1000-1 horse at the National. WEC LE MANS is none other than a boring driving game, racing around the same circuit, making a continuous farting noise (who you, or the computer?)

And the car, when racing looks like a tank, even more so when cornering, there's a diff-lock on the wheels. And when you crash the car it looks like a space invader. In my mind this game would rate 50% - 60%. The only successful thing is the LE MANS sticker that comes with the tape. Other magazines also made the mistake of awarding this game high marks when it's really just a run-of-the-mill driving game. Slap on the wrist for Imagine too, it could have been stacks better. Here's my advice; don't put YOUR fiver towards WEC LE MANS.

Thomas Vanner Co. Antrim, N. Ireland

Tony says: Yes, trusting my reviews is like backing a 1000-1 long shot. It's pleasant when it comes through and it can be very profitable (for me, anyway.)

neighbour). Its so addictive (what, your next-door neighbour?) and colourful (what about the backgrounds with ladies bending over, fnar!) Ultraplayable, ultraweirsounds, Ultra (snniiipp! –

J.D) Buy this game or you're dead excretion (oo-er!) Michael 'Renegade' Myres

Ramsgate, Kent

Tony says: You liked it then?

RENEGADE III

1%, MMMM, "not bad..." he said (that Dillon fella). So I sat down and looked through the review. Well it seems alright. I thought to myself, and Dillon's not such a bad reviewer, or so I thought, he won't let me down. So I raided my piggy bank for all my pennies, then out I went and bought RENEGADE III. Then when I got home I loaded it staight away, had about three goes, what do I think? RUBBISH! !*\$%& Rubbish. Dillon should be sacked! It should have got about 35% at the most.

Neil Stocks Misterton, Doncaster

Tony says: I said it was not bad, right? I never said it was brilliant. Try before you buy next time.

RUN THE GAUNTLET

Dillon you total dillon! Why did you only give this game 80%? It deserved a classic. If Jim had reviewed it he would have given it a classic (that's a joke 'cause he's a plonker too). Come on, the music deserves 70% at least, playability and lastability were over 85%. Anyone who hasn't got this should go out and buy it now. What a hip mag SI is (grovel, grovel, slurp, slurp, slurp, oo-er!)

Tony says: If I were to sit down with you and tell you all the reasons why I gave this game 80%, you'd be sitting down with me for quite a long time. Be careful with the questions next time.

ROBOCOP

Rochdale

Where was Tony Dillon when they were handing out brains. ROBOCOP is utter rubbish. It's not worth 99p let alone £9.99. Its not worth the 94% you gave it. Graphics are only worth 49%. The music is the only thing he got right. The playability is only worth 50% (I mean, he should at least be able to jump) and the lastability would be -87%.

I WARN other readers who have not yet been conned into buying this game. **DONT!**P.S. Was Tony Dillon in the queue when they were giving them out. It's worth about 26%.

Anthony Bryson-Smith Fenham, Newcastle-upon-Tyne

Tony says: I was at the head of the queue handing them out, so it's obvious you weren't there, pal.

VIGILANTE

megahyperactively cool! The main attraction is that it's 'ard, I mean well 'ard! I spent £19 on DRAGON NINJA and DOUBLE DRAGON and completed them both on my second go.

VIGILANTE is £9 well spent. OK, the graphics are not exactly rad, but they're still worth a kick in the

see-through clothes (oo-er!).

I guess you're the one who puts his foot up their (well I think you know what) (what? TD). I know it makes odd sounds now and then, so what, I head-butted it (ooh, hard man!) and it shut up (part the way

through it I thought I was Charles

Bronson and I shot our next-door

head, even though some men have

LAST NINJA II

I am writing to say what a load of rubbish LAST NINJA II is, and the worst thing is... YOU GAVE IT A CLASSIC! I love martial-art games, but this was a disappointment.

I would rather (jack? – J.D) sit down, switch on my computer and play EASTENDERS The Arcade Gane. So if you readers out there are saving up for LAST NINJA II, think again.

Marcus Oakley Wolverhampton

RUNNING MAN

Tony, why did you give such an ultra mega-cool game like RUNNING MAN only a stingy 74%? It deserves at least 94%. The graphics are cool, the playability is great. OK, so the soundis a bit fluffy but I'm addicted. The way he goes down the tube while it's loading is wicked. No game has the variety of this one. SO get it right!

P.S. Your review of EMELYN HUGHES INTERNATIONAL SOCCER was great, and the mag is mega-cool! Nick Oddy Flitwick

Tony says: You're right. There aren't that many games I can think of that have the variety of this. Except perhaps slugwatching simulator.

RENEGADE III

A RE YOU SURE TONY
DILLON IS NOT INSANE?
(you're right, he is - SU).

Imagine giving RENEGADE III 71%. It deserves at least 99% and a Sinclair User Ckassic. Target Renegade was good but this is the best. Who needs to pick up weapons. Where's the slow in it! Is picking off 3 knights in 2 seconds slow? This has a touch of comic genius and had me laughing as I made mincemeat out of the baddies.

Less movement eh? He dan do as much as in Target Renegade. It is very addictive, and it plays well. If you don't print this letter then I'll come round and use the low punch which will hurt your vital parts (if any!).

You usually review quite well Tony, what happened? Dougle Murdoch Midlothian, Scotland

Tony says: Picking off three knights in two seconds might be fast by your standards, but I can pick my nose three times a night, so hows that?

te stuff



JIM

FORGOTTEN WORLDS

I think that your review was totally wrong, what, you don't known what I mean? Well of course I mean FORGOTTEN WORLDS. Your review was totally blown out of proportion. For a ripoff £8.95, for a game which got 85% and a classic, for a tape which is only good for recording on. It was so stupid of me to rush out and buy it without seeing it first.

I think you've really gone too far this time, for instance, you said it was "graphically superb..." but I could do better myself. You said that soon there would be as much fun as shooting aliens? Well it's not half as interesting as a screen shot of the first screen of **EXOLON**. Think again please.

David Stagstad West Hallam

Get lost! Forgotten Worlds was fantastic. Its very similar to Exolon, if you like that sort of thing, except the graphics are better and you can fly around, too. You're mad.

R-TYPE

Jim, you were right for once in your whole life (no, I think he has been right once before, about joining SUI). R-TYPE is utterly brill, cool, mega (other hip 'n' trendy words). Has the Queen played it yet? The graphics are cool, the scrolling as well. The choice of weapons (oo-er!) and loads of aliens to shoot, with the end of level meany. All for £9.99 what more could you ask for (well, Kylie Minogue wouldn't go amiss – N.M.) You deserve a pat on the back (cow, of course!).

David Kerr Prescot, Merseyside

Thanks, David. I knew I wasn't reviewing all these games for nothing. Please accept £20 worth of software, courtesy of

R-TYPE

I couldn't believe it when I loaded R-TYPE. I have to congratulate you Jim. The graphics are unbelievable and the use of colour excellent. Sound the sound is crap, who cares? The gameplay is brill. The scrolling is ultra smooth and the add-ons are excellent. Apart from the sound the the repetitiveness the game is brilliant. Keep up the good work Jim (work?...Jim?...Nah!)
P.S. I've been reading SU for 4 months now and it is the best Speccy mag around.

Stuart Bachelo Keston, Kent

See? You know who to believe in future.

SUPERTRUX

You are not fit to be recognised as a member of the human race, Jim. After seeing the 76% you gave 'SUPERTRUX', I decided to sweep the moths from my wallet and buy the game. I found the game tedious, boring, pathetic and altogether a waste of time and money. I would rather watch 50 episodes of 'The Sky At Night' one

after the ofther, than play the game again. I would appreciate if you printed my letter so my fiver can go towards a good racing game like WEC LE MANS.

Brian Wiltshire
East Grinstead
West Sussex
P.S. If your reviews don't
improve Jim, I will be forced to
buy Y**R S******R every
month.

R-TYPE

BANG! BANG! KAPOW! (furious playing) SHOOT! SHOOT!

KABOOM! Mega, ultra, cool, def superb, no I'm not talking about Sinclair User (cheek – J.D) I am talking about R-TYPE. Yes that really cook, def (snip – J.D) game that Jim reviewed, and amazingly enough he got right (I Know – J.D). This game is the works. Thanks Jim for a great review. BANG! BANG! KAPOW! (more furious game playing) SHOOT! SHOOT!



CHRIS

KABOOM! Oh nuts, I just died, oh well must go. Byeeeee! Paul Pickering Clayhall, Essex

ALL CHANGE ON THE WRITE STUFF!

All right all right! You think we talk a lot of nonsense, do you? You think we can't tell an SU Classic from a 15% clunker? Well this is your chance to set the record straight.

Every month we'll devote the Write Stuff section to your thoughts and opinions on games. Is Jim mad? Tell us so! Is Tony the coolest thing since ventilated boxer shorts? Let us know! Is Chris the best software reviewer in the galaxy (hem-hem)?

Instead of insulting you by offering you money, if you get your contribution to the Write Stuff published you'll get an EXCITING EXCLUSIVE ST BADGE, so the whole world will know that your words have been immortalised in ST. Starting next issue the best letter will also get a £20 software bundle (of our choice, before you ask).

So if you have any opinions on recent games we've reviewed (or even ones we haven't), write your review and send it to us together with the completed form below.

Keep your wodge under 150 words, try to avoid blasphemy, obscenity and libel and send the lot to Write Stuff, Sinclair User, Priory Court, 30-32 Farringdon Lane, London EC1R 3AU

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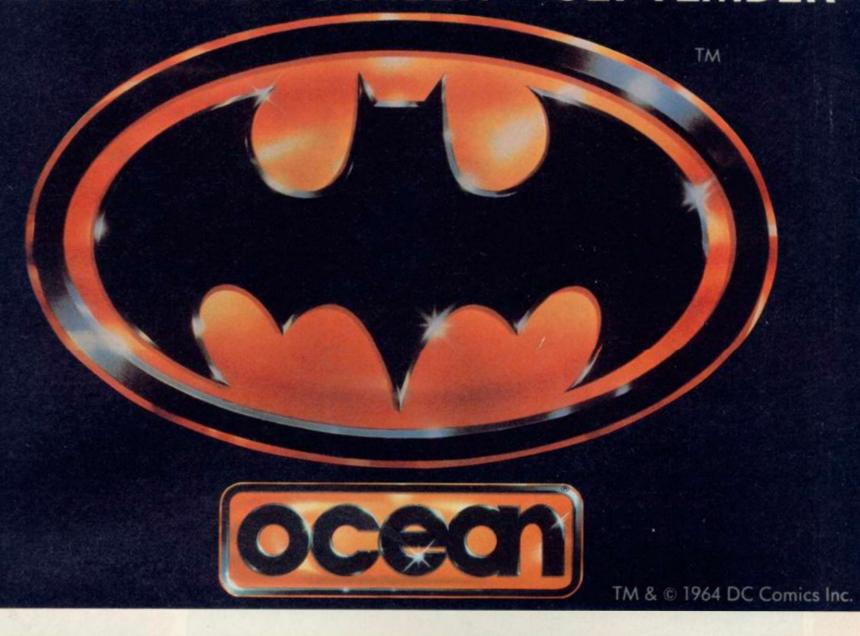
The second most mentally challenging question I've ever been asked was

Send to "Mentally Challenging AD&D Competition", Sinclair User, 14 Holkham Road, Orton, Peterborough PE2 0UF and must arrive by 30th September 1989.

RULES

No correspondence will be entered into. Employees of TSR and EMAP are not elegible for entry. The Editor's decision is absolute and final. So there.

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FULL PRICE

43

Deary me. Another footy sim has shot up into the Number One slot. Sports sims take up a large amount of this month's chart and so do Ocean with an amazing seven games in the chart. Forgotten Worlds is set to challenge the top spot and so is Crazy Cars 2 which zoomed in at number 4. Just outside the charts are Silkworm and Jaws. They are set to hit the charts soon, so get buying!



Treasure Island Dizzy has now been at the Number

One position for four months. FOUR MONTHS! What is happening to the world? Still it is rather infuriatingly addictive. Quite a few new entries this month with the old Enduro Racer and Daley Thompsons Decathlon hitting the charts. FIVE sports sims in the charts as well. 720° seems to have disappeared this month. Strange!



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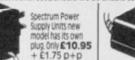
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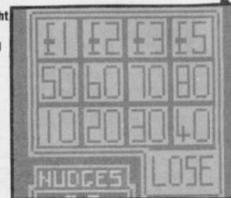


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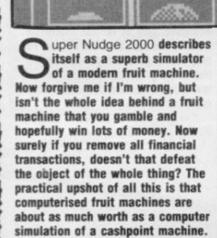
genius to work out that the number shown on the fifth reel is the number of letters lit. If, after some letters have been lit, the 'held' light comes on, then those letters stay lit and you get to spin the reels again. Light all the lights and you get to play some of the game's many exciting features.

You can play the superhold, in which the reels move up and down and you can stop them on any position you want to collect massive winnings. Or you could try the win spin, where the computer will generate a win for you randomly, which means you could win anything between 10p and £5.00. There are all the usual features too, such as cash stop, where you stop a randomly flashing light to illuminate an amount of money, and, of course, there are regular nudges and hold facilities.



Graphically unexciting, the screen display comprises a lot of coloured windows. The most important of these is the one with all the reels in it. Everything looks convincing enough in a simplified sort of way. The reels scroll smoothly and all the lights light up. Nothing really excitring though.

And that's exactly how I'd describe Super Nudge in general. A bit of a pointless exercise in my opinion, and an eventually dull and frustrating one at that

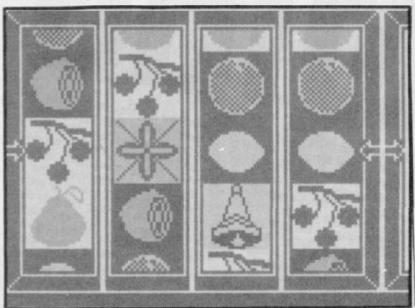


That's my argument out of the way, now to the review. Super Nudge 2000 is everything a fruit machine addict could ever wish for. Lots of flashing lights and bells, and more features and gambling facilities than a bookies. First off, you get no less than five reels to play with. Should lady luck shine on you, they will fall in groups of the same logo that lie along the win line in the centre, and you will be blessed with a prize of money, the

amount depending on the "worth" of the arrangement of tokens. You then choose whether to take the cash, or pile it all back in the hope of making even more dosh.

The mysterious fifth reel is where all the action comes in. When it stops, a number is lit. At the top of the screen are the letters SUPERNUDGE. To activate all the lovely features you have to light all the letters. It doesn't take a





SUPER NUDGE 2000 Label: Mastertronic Author: P.A.L. Developments Price: £1.99 Memory: 48K/128K Joystick: various

SOUND

Snooze making fruit machine simulator.

SINCLAIR USER

30 40 50 60 70 80

GAMES: REVIEW

AAARBAR

ou know, I wondered why this, being the latest 16 to 8 bit conversion by Melbourne House, was called Aaargh! I soon found out when I loaded it. Here's the scene. Hmm hmm hmm, type LOAD "", press play, wait, beee dit, beee diddly diddly, oh good it's loaded. Aaaaaarrrgh!

You are a monster. No, not the sort your mother keeps calling you, but an honest to god great big hideous destructive monster, with a penchant for smashing down buildings and collecting rocs' eggs.

Play either an ogre or a dragon in your quest to find the mystical Golden Egg, hidden deep within the volcano. But before you race off to the volcano in a mad rush for the golden egg, you must prove your worth as a monster by terrorising the cities surrounding the area in which you live and collecting the five rocs' eggs.

Terrorising the cities is as easy as pie. You begin outside the city walls, looking in. The city itself is made up of a group of small huts, one of which, if you are lucky, contains punches in the direction of the city boundary and, as Def Leppard sang, 'the walls come tumblin' down'.

So step into the mouth of the enemy and set about smashing up their buildings in the search for the eggs. Punch the buildings to pulp, or why not burn them down with your fiery breath. However, it's only once you step into the city that you realise the menace that these puny people called humans really are. For one thing, they have massive cannons that cause rather a nasty amount of damage. Too many hits from one of those babies and foom. You're out of there. Oversized hornets also cause problems as they buzz, bite and do whatever else it is hornets are supposed to do.

Other challenge comes in the form of other players. You see, the game can be played two player simultaneous, and

at times you can get into head to head scraps where 'there can be only one'.

Viewed as a pseudo-3D single screen walkabout thingy, you have to scavenge 12 cities of the world, all set against different backdrops. The funny thing is, and this is really going to make you laugh, the game is multi-load. Not any normal multi-load, but Really-badly-programmed-finnicky-sonofabitch-o-load (© Melbourne House) which means that at the start of each game, you have to reload level one, regardless of whether or not you got off it on your

last game. Irritating or what?

The graphics are, well, alright. The sprites themselves are poorly designed, and as for the animation. Hmmm. The less said the better. The only really good thing I can say about the graphics is that I like the way the flames are animated when you breathe fire.

The game, as a game, is crap.
Boring from the start, and





If there's one thing I can say about Gemini Wing, it's that it is about Gemini Wing, it's that it is very difficult. Not difficult as in playability level, but difficult in playability level, but difficult in actual distinguishing anything. A actual distinguishing anything. A game where you die because you same isn't half as frustrating as a game isn't half as frustrating as a game where you die because you can't see where you die because you can't see any bullets. Or enemy ships come to

that.
You see, it all boils down to the graphics. The main sprites themselves are fine, small but finely detailed. It's the backdrops that

cause all the trouble. You see, the backdrops are also very finely detailed, so much so that they detailed, so much so recen, camouflage all sprites on screen, which means you're going to have a which means you're avoiding the bit of a hard time avoiding the enemy ships, let alone the bullets. And that is really the only thing and that is really the only a bad

And that is really the unity that marrs what isn't really a bad shoot-em-up. Set in the style of games like 1942 and Slapfight, you have to fly your little twin engine plane upwards through trillions of levels of continuous trigger firing action.



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ATTENDENCE: 4000 BEHAVIOUR: Strange APPEARANCE: Extremely repulsive

him, its more importent to express his individuality than to put him, its more importent to express his individuality than to put the betters in the rite order. He will never be a computer journalist unless he terns to regularly split infinitives, misplace apostrophes, an SIGNED: 8. 14:54

FRENCH Why will Wayne not accept that in French a wardrobe is female and a railway station is masculine? Is it just that he enjoys the extantelessons with our assistante Mille. Frou-frou?

END-OF-TERM EXAM: // & SIGNED: J-P Belmondo

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SURVEY MAPS. IF IT'S NOT IN SILICON UALLET OR CAMBIRIDGE HE'S NEVER HEARD OF IT. TO THE SHOPS WITHOUT A SHERPA GUIDE AND A COMPLETE SET OF ORDNANCE GEOGRAPHY I SHUDDER TO THINK WHAT WOULD HAPPEN IF WAYNE WAS SENT END-OF-TERM EXAM: (7 & SIGNED: K. Stick-Insect B.A.

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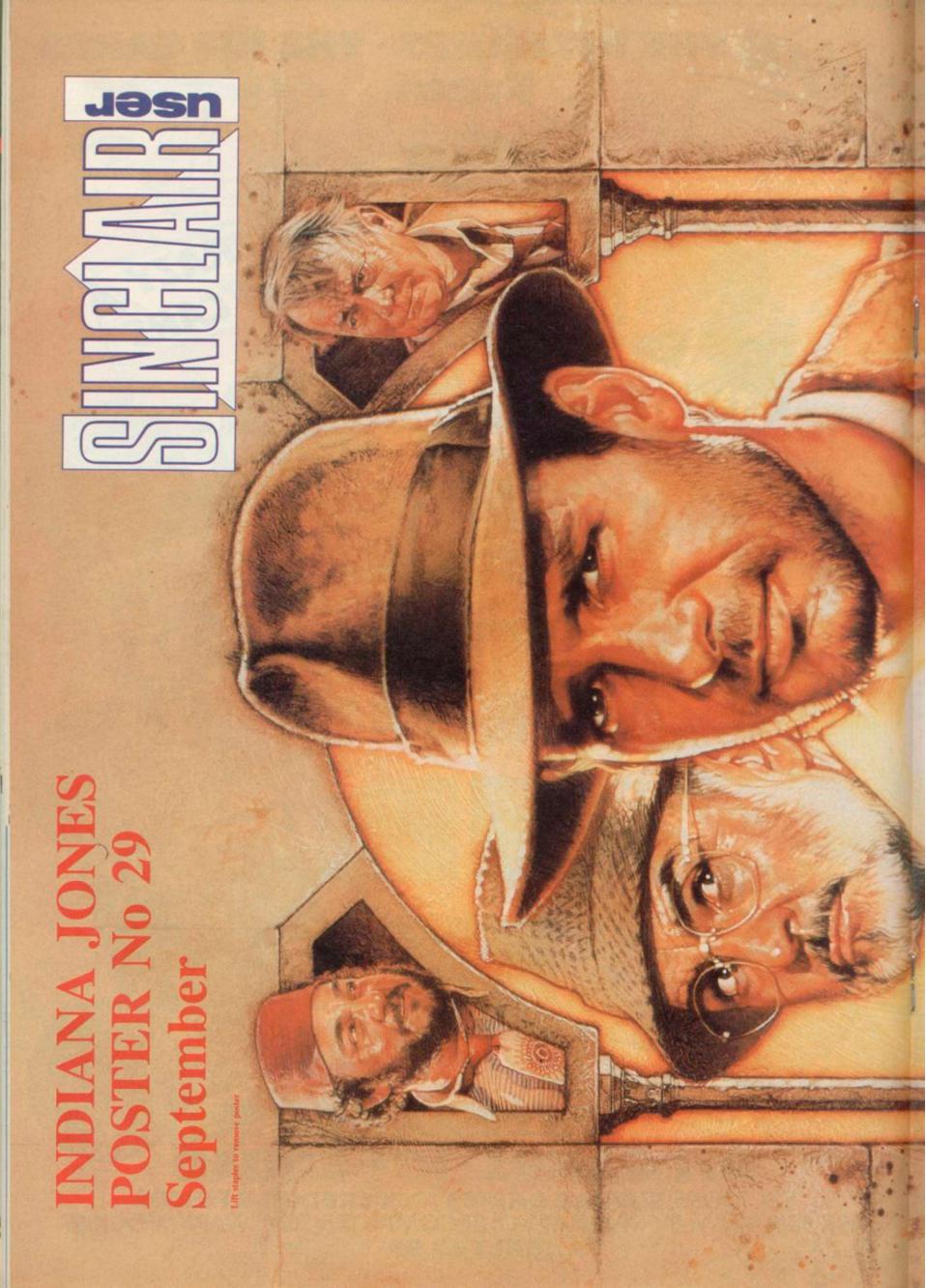
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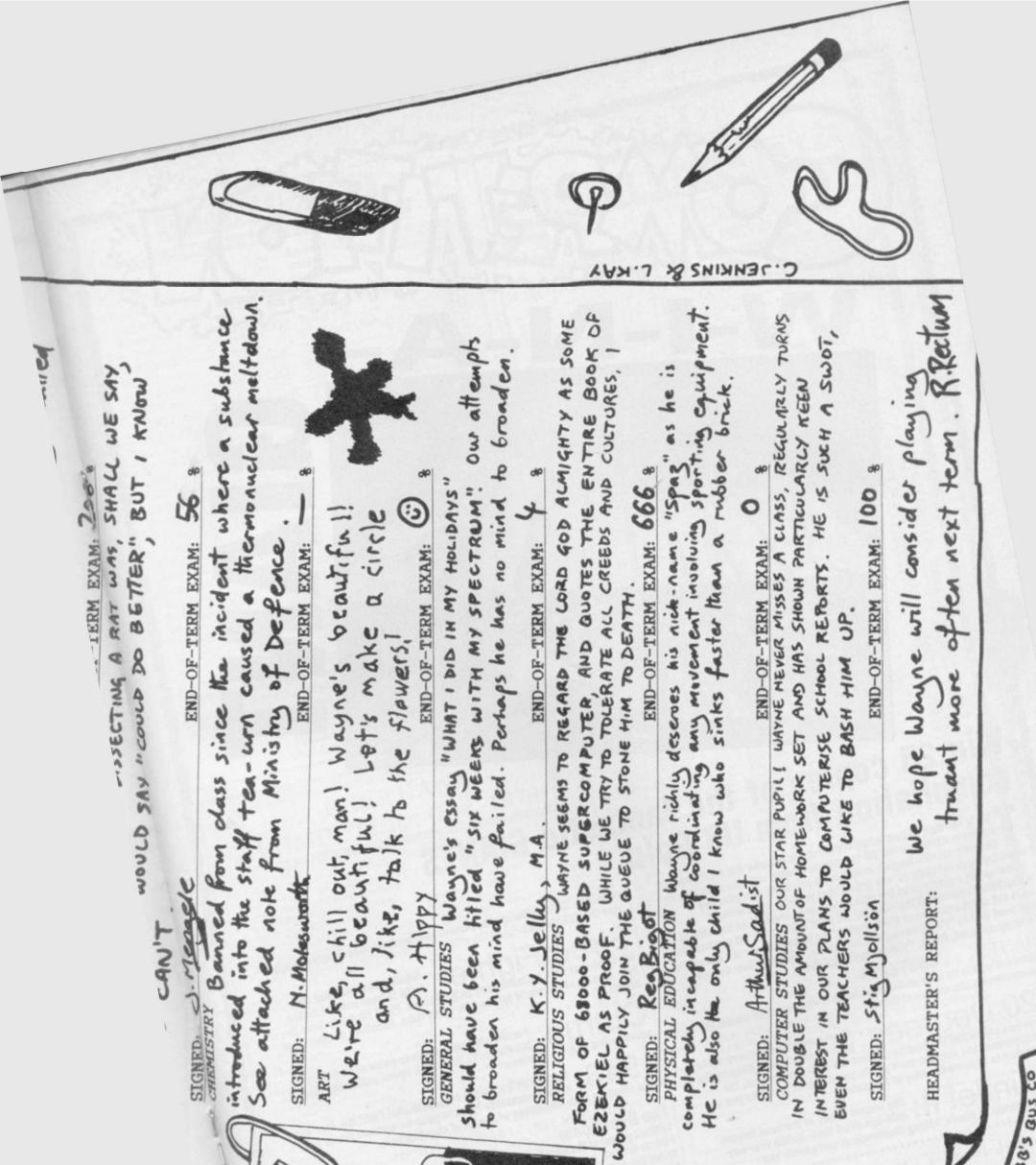
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Fifteen runners-up will receive a US Gold T-shirt and a copy of Vigilante

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No Strings Attached Compo Five following winners will receive the Thunderbirds withers will receive to the Analasawa Dalasawa Dalasa James, Brynteg, Anglesey; Robert Cobain, Saltney, Anglesey; Robert National Mainter, Clwyd; Will Barker, Nailsea, North Bristol; J Winn, Pockington, York. The following runners up will get a

Thunderbirds T-shirt: David Gabriel, Orpington, Kent; Andrew Parker, Sunderland, Tyne and Wear; David Sungeriang, Tyne and Wear; David Datarmond, Worcs; Alick Reid, Petermead; V. W. Adams, Sunk Islands, Hull.

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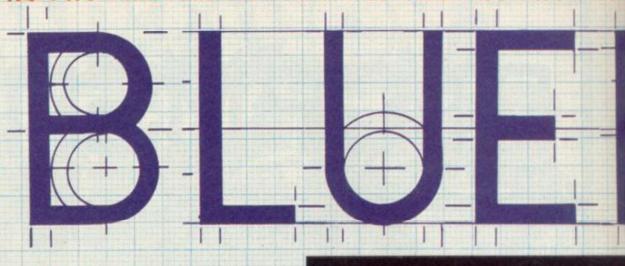
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Strider the latest coin-op from Capcom should hit the streets sometime around October. For those of you who won't have seen the coin-op yet, Strider is a long legged, somersaulting, laser duelling hero from the 21st century whose sole objective is to rid the galazy of the evil war lord – and have a thrashing good time along the way.

The game is split over five levels which take you through deepest Eurasia, the Siberian wastelands, the Amazon jungle (with some vicious Australian sheilas!), the awesome war machine Ballog (ballet dancers to boot) and finally the core of the empire – the LORD'S Kingdom.

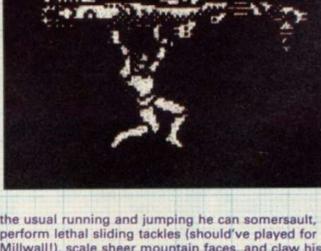
Coding of the Speccy version has been completed by Chris Brunning at Tiertex who previously coded the spiffy, scrolly shoot-'em-up Last Duel. The perennial problem with modern coin-op conversions is how do you get it all in the 48K Speccy? The problem was even greater than usual with Strider's extraordinary 6 megabytes of data and graphics. The game is huge! Big! Big!

One of the strongest elements in the game is the number of manoeuvres that you can persuade Strider to perform. Apart from

overlaying the old area without the need to stop the action.

RECENTED EXPERIENCES PROPERTY.

The backgrounds and sprites were digitised directly from the Arcade board onto an Amiga. These were transferred onto an Atari ST and retouched by



the usual running and jumping he can somersault, perform lethal sliding tackles (should've played for Millwall!), scale sheer mountain faces, and claw his way over. In converting the game Chris wanted to include as many of the manoeuvres as space permitted. The main problem lay with the amount of space available for the graphic frames rather than coding the action. We compromised by reducing the coin-op's six angles of incline to two. This actually involved extra work as it meant the mapping of the levels had to be redesigned. This still left enormous maps which had to be carefully split into sections and individually compressed before they would fit into the Speccy. Each section then contained a small duplicate of the prevous "sub-map" which was expanded as the new section was reached



Some of the sprites in the game are extremely large – particularly the mechanical gorilla in level 2 being a whopping 96 pixels high by 115 pixels wide,

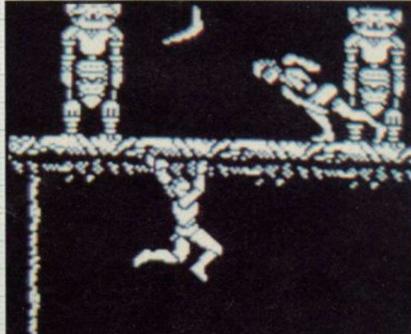
filling over one third of the Speccy screen. Special techniques had to be used to allow such huge sprite to be stored and printed.

Source code was produced by Chris on an Atari ST and assembled into object code using an in-house Z30 assembler package. Graphics and maps were then transferred complete with the object code from the Atari development system onto the Spectrum.

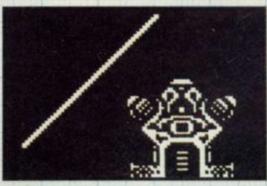
SONICS

The 128K Spectrum version also features music from the coinop arranged by Tiertex's in-house music maestro Mark Tait. Mark prepares his music using an Akai X7000 sampling synthesizer connected by Midi to the Steinberg 24 track recording package running on an Atari ST. Mark can then edit and mix down the tracks he has prepared. He then runs a program to convert the midi data into the format required for Tiertex's music driver on the

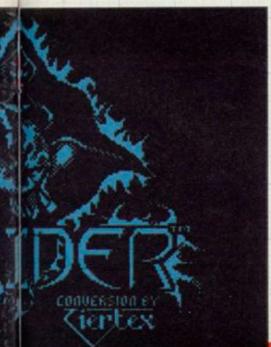
Spectrum.



Indiana Jones and the Last Crusade. Last year the company took new offices in Manchester and now has eleven employees including programmers, artists and a musician.



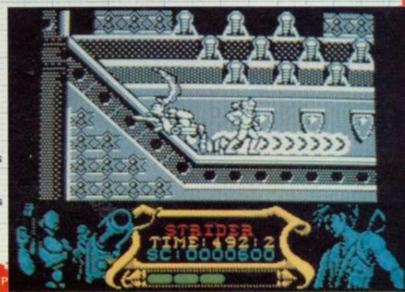
artists Andrew Ingram and James Clarke using the Degas Elite art package. The maps were drawn on an ST using an in-house map development system from the original digitised character blocks.



Strider is one of Capcom's largest grossing coin-ops at present and is eagerly awaited on the home formats. Tiertex have completed simultaneous conversions onto the ST, Amiga, C64, Amstrad and PC and we can expect to see these around October time.

PROGRAMMERS

Tiertex was founded about two years ago by physicist John Prince and electronics engineer Donald Campbell. Their softography includes 720°, Thunder Blade and the new



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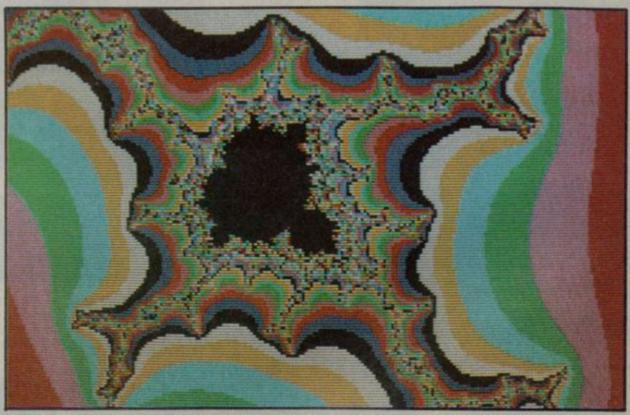
SAM C The Future of Sp

From the amount of mail gets on the subject, they're a lot of Spectrum owners out there that are looking to upgrade to a more powerful machine, but are annoyed that if they make the move, they're kissing bye-byes to a lot of hard-earned and well-loved Spectrum software.

Why? Well, pure economics dictate that yo get a hip, trendy and rather expensive 16-Bitter, your faithful Spectrum makes an enforced appearance in Exchange & Mart to try and raise some of the cash.

Well, frustrated upgraders everywhere, help is at hand in the shape of a new Spectrum compatible machine due out this autumn from Miles Gordon Technology – the SAM Coupe.

The long awaited Coupe now exists in a finished form – the team have seen it go through its paces completely without the aid of mirrors – and it could well be the machine

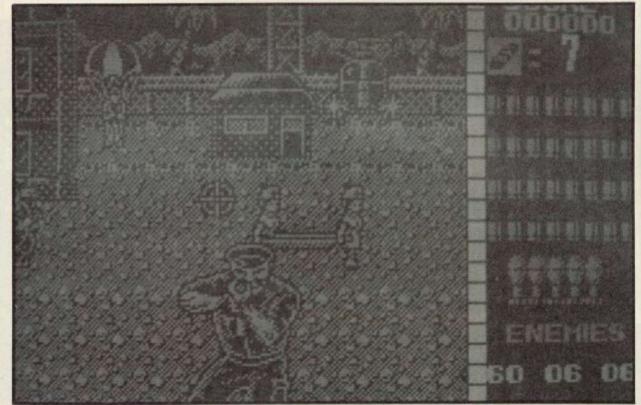


you'd like Santa to drop down the chimney for you, this Christmas!

First things first – the price! A tape based system will set you back only £150, with disc drives slotting neatly into the unit (up to two) at £180 each. This becomes even more aftorable when you consider that your existing Speccy can easily be used to finance your upgrade – as the Coupe near 100% compatibility means you can still play your favourite games without Old Faithful. But what extra goodies do you get for all this lolly? A lot, that's what!

For a start, the Coupe looks stylish and mod – just the kind of thing to fit alongside the racking hi-fi – with proper size typewriter keyboard, complete with 10 function keys (programmable from Basic, of course).

Ed UPE ectrum Games?



sound from the word go.

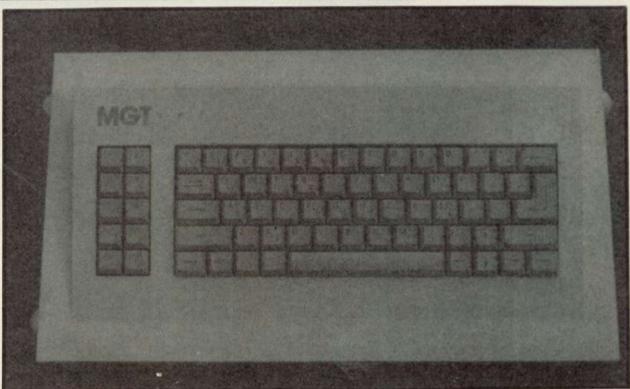
Graphics? As well as having a Spectrum compatible mode, there are three other modes that will make you jump up and down with excitement. Most interesting for games work is the 256*192 mode which gives you 16 colours (just like the ST!) out of a pallate of 64. There's a celebrity involved here too remember Bo Jangebord, the guy that wrote Artist for the Edge (as well as great game like Fairlight?) MGT have commissioned him to write a graphics program that will fully exploit the capabilities of the Coupe - and that'll bundled with the machine too!

If you're into programming, then the SAM will have a lot to offer you — there's an extended Basic with more features than a 50 mile strip of Norwegian coastline, working up to six times faster than Sinclair Basic.

But does that mean the

A look around the back shows you that the Coupe was designed to be easily expandable, and hints at the thought behind the design. TV and Video output, Light Pen socket, cassette input, reset button, mouse port, Atari style joystick port and Midi In/Out ports as well as the obligatory expansion bus for any other extra you might want to plug in.

Inside – the whole thing controlled by a X80, running at a niffy 6MHz, custom DMA and 256K of Ram (expandable up to 512K). Sound chip? Has this got a sound chip – a Phillips chip last seen inside a dedicated games with six channels and stereo sound. Interesting? Well, the Coupe is going to be bungled with, amongst other things, a utility written by none other than sound supremo David Whittaker, that'll allow you to create fab music and



Coupe will be great for games? Should be. With graphics and sound like this, all that memory to play with, plus a well organised internal structure that'll make the average machine-code programmer drool, it's got a lot going for it. Over to you, software houses!

Designer Bruce Gordon says he's tried to capture the magic of the original Spectrum with the Coupe - plus some more! Looks like MGT have succeeded!

Integrated Circuits

Box 1 – Lots of little chips wired together, doing lots of stuff like DMA functions, memory management, MIDI, etc.

Box 2 - A single chip doing the same job – the SAM chip.

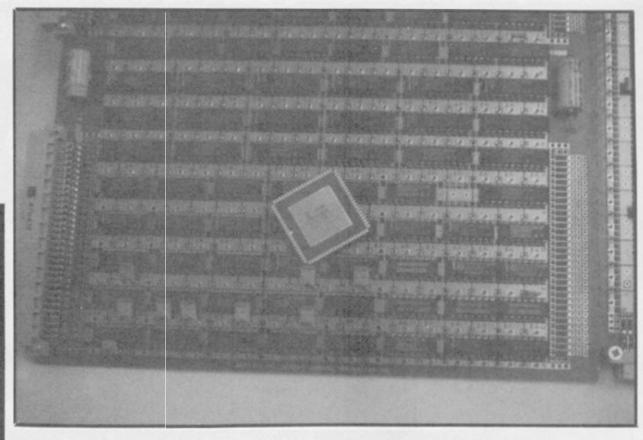
Cor, isn't science wonderful!
The SAM chip might not exactly
be the heart of the machine —
more like the liver — but having
all that stuff on a single chip
makes it more relyable and
cheaper!

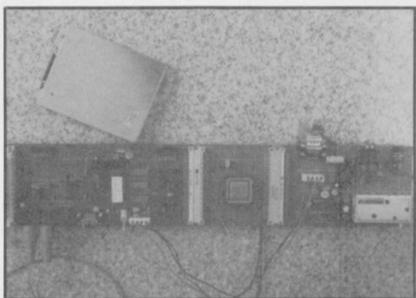
8-Chip wonder

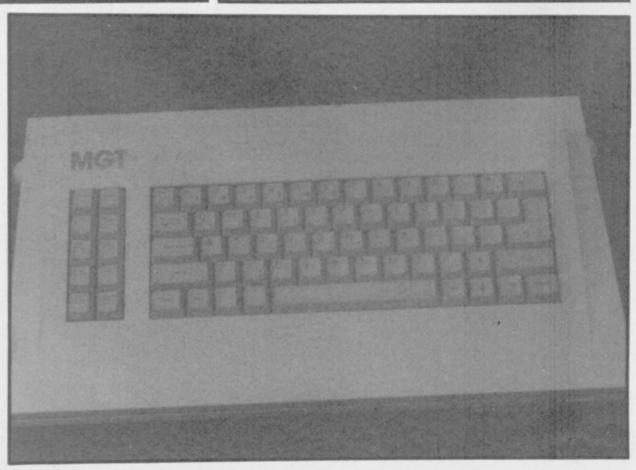
8-Chip wonder

The inside of the SAM Coupe
Prototype – built around only 8
chips! Working from left to right,
there's the video chip, the
Philips sound chip, in supreme
isolation, the SAM chip, two
128K RAMs (yes, there are four
here, but only two in the
standard machine!), one ROM
(containing the O/S and Basic)
one Z80, then a tiny thing right,
deal with MIDI in/output control.
The fewer the chips, the less
there is to go wrong – and the
cheaper the machine.....that's
why MGT are hoping to deliver
a 256K piece of kit for only
£150....

£150....







Spectrum Compatibility

Now here's a game that you might be familiar with – Op Wolf on the Spectrum. And here's a picture of it running on the SAM Coupe! How do they do it....just a bit of technical wizardry. And using the Coupe's sophisticated graphics bits, you can mess around with games that're runnin on it. Ever seen Op Wolf in these colours, for example!!

Fab Graphics!

Ever heard of Mandelbrot diagrams? Obviously haven't got an IQ of over 167 then. These are mathematical functions that can produce pretty, but very complex, patterns on screen. Here's one showing the Coupe off in all its glory. Try doing that on a Sinclair!

The Designer

Bruce Gordon — trying to create some of the old Sinclair magic in the SAM Coupe. Looks like he's sycceeded.

MIDI - What is it?

MIDI stands for Musical
Instrument Digital Interface — it's
a way of controlling musical
instruments, like keyboards,
with computers. It lets
instruments communicate

The Coupe has a full 16 channel implementation of MIDI, which combined with its 256K memory makes it a superb MIDI controller.
Considering you can pick up a MIDI keyboard for just over £100 now, that means you could have a MIDI set for less than £300. Move over Stock, Aitken and Waterman!

By the time the Coupe is released, there should be some excellent MIDI software around for it. Boogie on down! The Coupe has a full 16

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SUT

ow this is a bit unusual. Unusual title, unusual plot. You are Brad, known to his friend as Brad, truck driver extraordinaire who, when he isn't working at his truck driving firm, can find no better way to relax than driving a truck. When the muties invaded, somehow they managed to latch onto his only weak spot. They took the only thing that really matters to a man. They stole his truck. Now he's mad.

so, in his anger, he does what any other red blooded truckless truck driver would do. He sets off to take it back, and what a journey he has to take. Three whole stages of sadiestical mayhem. First, our gallant hero has to battle through a haunted forest followed by a graveyard. Then a quick ramble through a nearby desert and finally to the mutie's base, where his truck is held captive. Now forgive me if I'm wrong, but that isn't an awful lot of levels. Still, maybe they're so full of action and adventure that it seems like you're getting a huge game.

Maybe not. TMSMT is a pretty dull game interspiced with some rather dreadful still pictures, laughably so. This is how the game works. You have to scroll from left to right, shooting all the bad guys with your little gun. At various points, you can collect extra

weapons, such as flame throwers and laser rifles. At the end of the level, you fights a large bad guy who takes a lot of hits to destroy. See, brimming with originality.

Graphically, it's not too bad. The sprites are large, and recongnisable, though I'm not too sure about the animation. The backdrops are dull and repetitive, for each level and a hole here and there. The graphical low point of the entire game, and one of the funniest things I have ever seen are the stills that appear between the levels. The first one has the main character

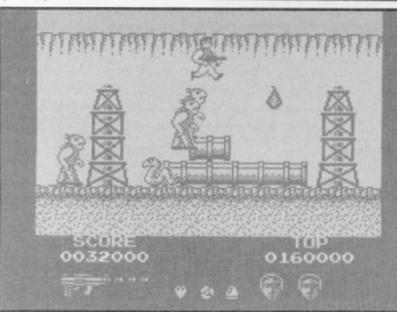




stood in a forest, and judging by the rather stumpy legs he has, it looks like he's kneeling down on a pair of shoes.

I don't want to say it's crap, because that would be unfair. It just isn't any good. A dip in standard from Players.

This is all a bit of a shame, but I get the feeling that there just wasn't a great deal of imagination in the mixture for this little concoction







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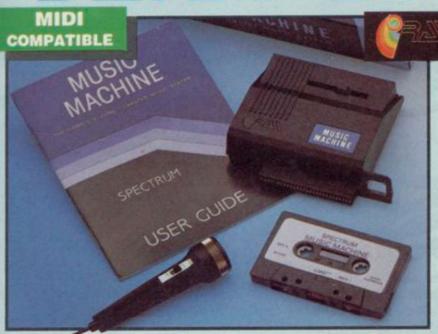
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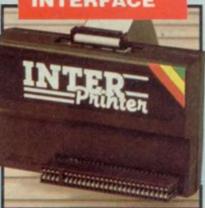


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familiar to you. Apart from being an Isaac Asimov fan, his other claim to fame is that he has started a magazine (fanzine? There must be some other name for them) called Adventure Coder. Note that this is aimed at people who are writing adventures, ratherthan solving them, and covers home grown methods of programming as well as the use of the many utilities that abound these days. In the editorial hands of C Hester there will probably be about 4,096 pages in the first issue (that was the subtle hint, young Christopher), and sample issues cost the princely sum of pounds one. Cheques etc. to C. Hester, who lives at 3 West Lane, Baildon, Nr. Shipley, West Yorkshire BD17 5HD. It says here that it's published by Mandy Rodrigues, published

presumably being a misspelling of the word photocopied. However, as Mandy is the brains behind the fanzine *Adventure Probe* these days, we can only hope for the best.

There have been a few adventures about the exploits of Dr. Who and his plucky team, but do you know what the letters TARDIS stand for? I shall tell you. Time And Relative Dimensions In Space, that's what. Why was K9 called K9? Well, I think you should know that, really. When was it created and by whom? In 1962 by Sidney Newman and Donald Wilson. It's astonishing what you can discover when attempting to look up something in an Encyclopedia (the typesetters will hate me for that, all these long words: in, an, up, that

sort of thing) and happen to turn over a page or two to far.

What was I looking up in the first place? Who invented Cats' Eyes, that's what. Why was I looking it up? Don't ask stupid questions!

That about wraps it up for this month. Everyone seems

to have gone on holiday!
Companies, people. I await
my postcards with bated
breath. Why don't YOU send
me a postcard? Let me know
where adventurers go on
their holidays. The Sorceress
rarely goes further than... but
that would be telling,
wouldn't it? Byeee!





WITTS END

THE BEAST: From last time: get the photo of the dead sheep as evidence. Tell the farmer about the sheep and he will give you the key to the shepherd's hut on the moor. Buy a cup of tea at the cafe, you'll need the teaspoon. Carry the map and climb over the gate to get to the moor. Examine the trees to find some bark to make a fire, and the bracken to find a branch to help you down the steep slope. At the standing stones, scrape a hole with the trowel, break the candle to get the wick to use as a fuse, attach it to the pouch of gunpowder in the hole. Light the fuse to blow up the tree. It will fall down the slope and form a partial bridge crossing the river. You can jump the remaining gap. In the shepherd's hut, use the newspaper and the bark to light a fire. Open the can with the tin opener and warm the beans in the pan. Eat them using the teaspoon. With the rain, the day is too dark to explore the combe, so just wait until 6.40 P.M. when it starts to get darker and sleep for the night. In the morning, go to the combe, wait on the ledge by the pool and take photographs of the beast and its cubs when they emerge to drink. THE END!



Tou are now deep into the field of corn that sways gently as the cool evening breeze blows softly from the North. Your sense of direction deserts you as the won plays hide and seek behind the clouds.

If it is any comfort, it is only small maze.

ind there's more..

至品门侧品了了了

own in the depths of Precinct 19 this month - an overview of the 2nd Edition Advanced D&D, the big Daddy of them all, from TSR, you've read the comics, now be the character with Judge Dredd - the role playing game from Games Workshop - and private investigations Victorian style in the PBM game The Great Detective.

A long time ago in a galaxy not that far away, a guy called Gary Gygax was inspired to create a game that revolutionised wargaming all over the world and created a new area to the genre.

The game was Dungeons and Dragons (universally abbreviated to D&D) and it was the start of a whole new industry - the production of role-playing games, that is, games where - instead of controlling an army or a platoon - you play the part

of a single character.

In the fifteen years since then, literally hundreds of other role playing games have been written and played, some based in a similar fantasy Tolkienesque world to D&D, like Runequest, others set in a Science Fiction environment, like Traveller. One of the more bizarre has been set in the world of Watership Down, with players taking the part of Rabbits, Bunnies and Burrows! Arguably, none of them have had the popularity and durability of the original, which is available in 12 languages (not including Elven!) and 42 countries not to mention 7 or 8 planes of existence!

Originally, the game came in a

boxed set containing three small booklets. Supplements were soon produced as extra booklets, first Greyhawk - the rulebook that introduced the new (then!) character class of Thieves, and then Blackmoor - the first pro-written scenario with Gods, Demi-Gods and Heros following on from that.

Soon after this point in time, it was obvious that there was a large amount of information fragmented all over the place and the rules needed reorganising.

What hiappened was the game system, split into two - a new Basic system dealign with lower level characters providing an entry level introduction to the games and Advanced D&D, consisting of a series of hardback books, starting with the Players' Guide, the Dungeon Master's Guide and the Monster Manual which dealt with experienced characters - or particularly ambitious first timers!

Many, many more supplemental rules have been produced since then, as part of the evolving nature of the game, and the time has come again to update and reorganise the system - Edition 2.

Out already are the Players Handbook (the essential tome for the D?Der - £10.95), Dungeon Masters Guide (for the game controllers or Dungeon Masters - £9.95) with the Monstrous Compendium Vol 1 (for, DM's, containing hundreds of monster details £13.50) out early Summer '89. Vols 2 and 3 of the latter should be out by the end of the year. So, what does the new 2nd Edition

have to offer?

Chances are, if you've been playing D&D or DMing for some time, you will have taken the original rules and fiddled about with them quite a bit. Some parts of AD&D were always a bit cumbersome others a bit sparse - and custom streamlining seems almost obligatory. Still, the new rulebooks hae enough new ideas - all better organised and presented than before to make the purchase worthwhile.

The sections on Character Class, Experience and Combat are the ones which have undergone the most changes - but nothing radical enough to worry about. There is particularly more background and help to produce a more rounded character - rather than a persona simply made up of a list of stats.

It's beginners that will benefit most from the 2nd



Edition, however. There is much



before for new players/DMs alike on the way to make a campaign enjoyable and 'realistic', usually lacking in the first efforts of any player.

With all the amount of feedback and testing since the first edition rules, the second had to be an improvement - and it is, continuing to make D&D the best rounded set of pro role-playing rules available. Recommended. If you want to find out from the horse's mouth, write to TSR at 120 Church End, Cherry Hinton, Cambridge CB1 3LB. Since D&D has evolved over so many years, it's become smooth and rich as a vintage wine. So when you come up to something like Judge Dredd - the role-playing game, it's

something like a bottle of Ti er! Bubbly, refreshing, but not something you'd serve the vicar if he comes 'round!

Judge Dredd is, of course, the major cartoon character of the 2000AD commics - hugely popular by all accounts from 8 year olds to stockbrokers!

Based in the futuristic postholocaustr Mega City One, the judge is one of the hi-tec law enforcement officers that patrol the streets – and pick up the Perps – perpetrators of crime. As you can imagine, law enforcement in the rough future time, is a bit . . . well . . . violent. And that's exactly what it is, brother!

Originally released as a separate Judges Handbook and Game Master's Book, these two are now bound together in a 200-odd page hardback, and the game system is certainly game for a laff.

Everything from the history of Mega City One, the occupants and minutae of the equipment carried by the Judges is detailed with its pages – and as such has got to be essential reading for any 2000AD nutter.

The game system itself is quite similar to Traveller – where experience does not make you go up specific experience levels, but allows you to increase a specific skill.

Combat tends to be fast and bloody – and in a brief playtest session, great fun was had by all, with a lot of heavy Judge roleplaying, with shouts of "Freeze Punk!!!" coming from all corners.

If anything, it's the construction of these scenarios that form the most difficult part of a GM's job in Dredd – routine police work is still routine in Mega City One – even if there's more blowing away of Perps than in the

To come to your aid here there are supplements already available from Games Workshop – the Slaughter Margin and the Judge Dredd Companion. More details from Games Workshoip, Chewton St, Hilltop,

Eastwood,

Nottingham NG16



Finally, a game that I've been trying to mention for some time, The Great Detective from Creative Encounters. In this PBM you have a character with the attributes of Strength, Dexterity and Speed, money with which to buy equipment (a gun might come in useful!) and which to pay for the essentials of life. Finally you can choose five abilities, such as disguise, lockpicking and foreign languages.

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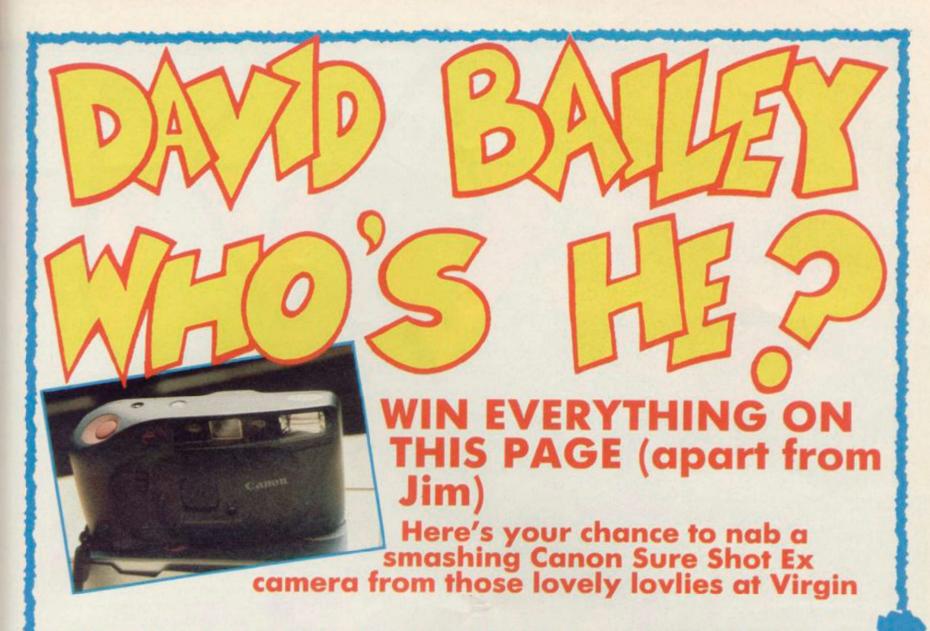
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here you are sitting on your bunk bed flicking through your copy of **SU** and lo and behold you come across that super VIRGINMASTERTRONIC compo with the rather hunksome piccy of Jimbo the ed. Not only is he flashing an absolutely amazing Canon Sure Shot Ex camera all over the place, he's also modelling a ruddy rad 'WELL'ARD' T-shirt, whilst juggling a Gemini Wing poster and a

copy of said game. Gosh he really looks the bizzo you think, turning green as a gherkin.

Why does he get all the best toys to play with? Why does he look so darn handsome in that T-shirt?

Why does everyone adore him so much (ho-hum – Al)? Why can't I be as jammy as him? You fling

yourself to the carpet and blub into the shag pile.

Then, in a puff of purple smoke, Alison the magic [51] fairy appears. "Fear not wee child, you too can be as jammy as old sauce chops himself, for in all his wonderfulness Jim has decided to give his truly tremendous camera (which, by the way, comes with auto-focus, built in flash, self timer, auto film load, multi shot load, auto film speed setting AND a strap and carrying case, just in case you're interested) away to one lucky reader".

"This can not be true, Fairy Alison", you cry in disbelief. "Tis true, and that's not all. Along with this wicked snapper Jim will also chuck in his T-shirt, poster and copy of Gemini Wing. What a guy. And all you have to do is answer the incredibly peasy questions below and this bumper batch of goodies could be yours. What do you reckon then?

"I reckon you should get off my bunk bed, fairy features, I've no time to speak to you, my compo entry form is waiting to be filled, now bog off".

WHAT YOU HAVE TO DO

Circle the answers below and send your coupon to: 'Jim give me all your groovy gear compo', Sinclair User, 14 Holkham Rd, Orton, Peterborough PE2 OUF. Compo closes September 30th 1989.

1. Name the photographer who regularly appears in camera commercials. Is it?

a) Aurthur Daley b) David Bailey c) Lionel Blair

2. In which issue of [SU] did we preview Gemini Wing. Was it?
a) March '86 b) March '89 c) March '87
3. What's Fairy Alison's favourite nick name for Jim? Is it?
a) Fat Face b) Sauce chops c) Squid features

N	ame			 	
~	uuress	 ***********	 ************	 ***********	*********

You've seen the film,
worn the T-shirt, eaten the
book and pirated the video—how
about playing the arcade game;
willow makes a spectacular
willow makes a spectacularly
entrance onto hardware—and ticularly
entrance onto hardware particularly
butch? Dynamite Duke is
it look pretty? Feeling pke is
butch? Dynamite Duke
butch? Dynamite Only
obviously the game for you, then
butch? Wanna rock
But if you wanna rock
GAME ON!



Willow Capcom



low was (a long, long time ago in a galaxy far away), a Lucasfilm proto-blockbuster that wasn't. The central character looked like a Hobbit and had to rescue a Saint-Child from the clutches of the Evil Queen. No wonder it never got any Oscars.

Still the good news is that the Capcom coin-op (not to be confused with the Mindscape home computer game) is a very nicely executed piece of work, and as the new Capcom Super-chip is involved (making this the fourth game to use that technology), the graphics are fab.

ANUMERICO DE MORE DE L'ILLEE TO

The story is the same – you start off playing Willow
Ufgood – and have the quest for the kiddie to complete, killing off the Evil Minions of Baumorda while you're at it.
No problem – not with the Ultimate Good on your side, anyway. Armed only with a humble joystick and two buttons (one for chop, the other for jumping) off you go.

The first scene has you skipping through the woodlands – taking out enemy guards. It just goes to show that Crime (in the name of Good) does pay too, as you get gold the corpses turn into gold pieces that you collect and save to spend at the handy local Good Persons Equipping with Extra Weapons and Adventuring Accessories (by Order) Shop.

Jump, Hack, Jump, Hack and into the shop ... by golly, it won't let you have a big wobbly sword with which to put Evil to flight — although it will give you protection-type things such as Amulets of Protection. Nope, only the

character you become in the Second Scene can use these bits, matey.

The object of the first, having seen off intermediate baddies and End of Level purple pigs is to rescue the noble warrior, Madmartigan. As he is a good sort, he vows to help you in your quest, and throughout the rest of the game you will find

yourself alternating between him and Willow – depending on circumstance.

The second level starts with an escape from a tavern involving more slashing than.... well... perhaps we won't go into that), to a fast and furious chase scene, with you on the back of a cart going along at high speed, being chased by half an army. Not easy.

Overall, the game is a nice mixture of jumpy action and beat-'em-up — not overly taxing or adrenaline inducing — but lovely graphics, beautiful sound and a good cause.

What more could you want from a coin-op?

Willow
Beautifully presented and you'll
Beautifully presented and you'll
save a whole multiverse from Evil.
Save a whole





Dragon Breed

Dynamite Duke



There have been several variations on the Op Wolf, electronic shooting gallery. Some have been flops a bit like Taito's intended sequel Op Thunderbolt, and some quite good ones, like Mechanised Attack. Now there's Dynamite Duke to contend with.

To be fair, it's a bit different. There is still the same, you and your gun versus 15 million other guys scenario, but this time, your body is presented in transparent outline on-screen – just like in **Dead Angle**. This makes it a lot easier to judge if you're going to be hit by enemy bullets or not – as you are super-human and can see them coming towards you in time to dodge out of the way. I never could figure out what the enemy target area was in **Op Wolf**.

The essentials are the same,

however. It's a horizontal scroll with enemy martial-type things moving past. You have a gun sight that you move around the screen with the joystick (it also gives you the number of rounds you have left on-board). And you shoot the hell out of them.

If you run out of ammo – and sometimes when you feel particularly macho – you can punch people out instead, like a traditional boxing game.

I like it – maybe you will too. Go for it, Dan! And let me have the bull power back when you've finished with it, will you?

FAXBOX

Oynamite Duke
Another shooting gallery, but it's really quite good if not completely original. Well worth a minor investment, although probably not a biggie.

OVERALL
Graphics 7
RATING

Sound 7 Gameplay 8 Addictiveness RATING 7

SINCLAIR USER S

ragon Breeding. Now there's a concept to conjure with. Beats canaries or racing pigeons I guess. Ever read any of the books on Dragon World by Anne Macaffney? She's penned an excellent series of books about the fantasy world where Dragons were ridden and used to protect the lands from invasion. Well, **Dragon Breed** is a bit like that too – but only a bit.

You are, in fact, riding on the head of this here Dragon which has got a huge tail which can zap things by colliding with them — and your job is to give assorted aliens hell. No problem.

It's one of those frantic sensory overload jobs where there are so many sprites on screen that your brain fries trying to take all the information in and there are millions of extra weapons to collect and if you get these mega power ups the world explodes every time you press the fire button and you have to manoeuvre the dragon out of the way of some stuff and try to not get shot at the same time and your central processor starts grinding to a halt, but then just gets just enough adrenaline to get going again and you end up coming off the machine all breathless and exhausted.

Get the idea? Sod the details

FAXBOX

Dragon Breed
If this game doesn't get you excited—
If this game doesn't get you excited—
take up basket weaving. Blast-a-minute
take up basket weaving. Blast-a-minute
take up basket weaving. Blast-a-minute
with some original touches. Go, go, go,

go, go, go!
Graphics ?
Sound ?
Gameplay 9

OVERALL







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ASCII code nightmere disassemblers? Baffled by problems with programmir or not, Andrew Hewson is and he'll be investigating the say "Ram Dos Buffer Into

... DO WE USE FLOATING POINT

couple of letters landed on my desk last month with questions such as, 'How do you use the floating point calculator?' from Frode Tennebo in Norway and 'How do you draw lines and plot in machine code?" from Gordon Bissell of Stafford. This month I hope to answer both questions with a few practical examples including circle and plot routines in machine code.

Machine code is easy once you have learnt the basics and start to use it more frequently, like learning a foreign language in fact. The numbers we deal with are all INTEGERS and there are no complicated decimal numbers or fractions to worry about. This is great for most applications but at some point in time you will want to do something where the odd cosine or square root is required and with integers, we can't simply round up the result and expect the calculation to work out. In a game for example, the main character might have a single byte for each of the X and Y co-ordinates of its screen position. Each byte gives us a resolution of 1 pixel but as this is the smallest resolution of movement then it is perfectly adequate. We treat each byte as an integer and there are no problems. In fact, if we had a co-ordinate system with a resolution down to 0.001

or one-thousandth of a pixel it would just mean designing an overly complicated routine to handle those smaller floating point numbers — hence the reason for shying away from FP.

This is the standard way

PUTTING NUMBERS INTO THE CALCULATOR

There are a couple of ways to do this – if we are using any of the 5 special values above, we just use the

RST 28H
DEFB A2H
DEFB A4H
DEFB O4H
DEFB 38H
JUMP 2DA2H
;Stack a half (0.5)
;Stack ten (10)
;Command code for multiply
;Exit calculator command
Exit via Floating point to 'BC'

of accessing the calculator. The RST instruction enters the calculator, the two bytes – A2H and A4H are special commands that deposit the values 0.5 and 10 on the stack. There are 5 of these 'special values:

A0H – zero A1H – one A2H – one half A3H – one half of PI A4H – ten

After putting 0.5 and 10 on the stack, we tell the calculator to multiply the two items on the top of the stack with the 04H command code. Finally we exit the calculator with the code 38H. However, to be of any use to us we have to get the result into a register for further use. There is a very useful routine which performs the function 'Floating point to BC' at address 2DA2Hex. It rounds the floating point number and puts it into BC and the accumulator is a copy of C.

commands AOH to A4H. Typically we would want to be able to put in values from a register pair say. The routine to do this is at 2D2B Hex. It will place at the top of the calculator stack the value held in the BC register pair. This works like to:

THE THREE MODES OF THE CALCULATOR

In a calculation, it may be what is called 'Unary' meaning functions such as – 1/x, SQR x, SIN x, etc. The actual calculation is just acting on the 'last value' on the stack. These are Unary calculations.

When we perform the calculation 3 x 10, this is known as a binary operation ie there are two values on the stack. This use of the word binary is not to be confused with the normal Base 2 '1's and '0's type of binary we all know.

Finally, the calculator has 6 memories which can be used for temporary storage (as well as the calculator stack). Operations using the memories are termed 'manipulatory' as they do not actually calculate anything.

Although the calculator stack is not to be confused with the Z80 machine code stack, it still has to be treated like on – we use the DELETE command in the calculator which has the code 02H to tidy up the stack – a bit like the POP instruction in Z80 code.

PRACTICAL USE OF THE CALCULATOR

Circles can be drawn with clever algorithms that don't need floating point arithmetic but here I will demostrate a relatively

LD BC,21 CALL 2D2BH LD BC,43 CALL 2D2BH RST 28H DEFB 04H DEFB 38H JUMP 2da2h

;We will demonstrate 21x43 ;First we stack 21

;Now we stack 43 ;Enter the calculator ;Multiply 21x43 ;Exit the calculator ;result in BC

The result here in BC should be $21 \times 43 = 903$.



NUMBERS IN MACHINE CODE?

LD BC,64H ;Use BC
CALL 2D2BH ;Stack 64 Hex
RST 28H ;Enter calculator
DEFB C3H ;Store top of stack to memory 3
DEFB 02H ;Delete it from the top of stack
DEFB 38H ;Exit from calculator

standard trigonometric method of drawing circles. The routine is based around an interactive solution where we only have to sue the slow COSINE and SINE calculations once for the whole circle. Fro avid mathematicians out there, the formulae can be found on page 78 of the book Computer Graphics by John Lansdown and published by Hodder and Stoughton.

The Spectrum machine code works like this:

RST 28H DEFB A3H DEFB 34H DEFB 40H,B0H,00H,5AH BYTE 05H DEFB 34H DEFB 80H,B0H,00H,01H,68H DEFB 34H DEFB 40H,B0H,00H,64H DEFB O5h DEFB 04H DEFB 31H DEFB 1FH DEFB O1H DEFB 20H **DEFB COH** DEFB 02H DEFB C1H DEFB 02H DEFR 34H DEFB 40H,B0H,00H,4DH DEFB C2H DEFB 02H DEFB 34H DEFB 40H,B0H,00H,57H DEFB C3H DEFB 02H DEFB 38H LD B,100 CLOOP PUSH BC RST 28H DEFB E2H DEFB 34H DEFB 40H,B0H,00H,7FH DEFB 03H DEFB C4H

DEFB 02H

DEFB E3H

DEFB 34H

DEFB 03H

DEFB C5H

DEFB 02H

DEFB E4H

DEFB EOH

DEER O4H

DEFB 40H,B0H,00H,57H

;Enter calculator ;Stack PI/2 ;Stack data (90 decimal)

;Divide (PI/2)/90 = PI/180 ;stack 360 decimal

;Stack the number of steps ;In this case 100 decimal ;Divide 360/steps ;Multiply PI/180 ;Duplicate it ;Get the sine of it ;Exchange the top stack items ;Get the cosine of the angle ;Store it in memo ;Delete from the top of stack ;Store the sine in Mem1 ;Delete to clear the stack ;Stack 77 decimal

;Store it in Mem2 ;Delete it ;Stack 87 decimal

;Store it in Mem3 ;Clear the stack by deleting ;Now exit the calculator ;Use B as a counter

Save it for later Enter calculator again Get contents of Mem2 Stack the X centre of screen Which is 127 decimal Subtract it from Mem2 And re-store it in Mem4 :Tidy the stack Get Mem3 Stack the Y centre of screen Which is 87 decimal Subtract it from Mem3 Store result in Mem5 Tidy up stack ;Get Mem4 - X diff :Get memo – cos angle :Multiply

DEFB E5H DEFB E1H DEFB 04H DEFB 03H DEFB 34H DEFB 40H,B0H,O0H,7FH **DEFB OFH** DEFB C2H DEFB 38H CALL 2DA2H PUSH BC RST 28H DEFB 02H DEFB E4H DEFB E1H DEFB 04H DEFB E5H DEER FOH DEFB 04H DEFB OFH DEFB 34H

> POP DE LD D,C CALL PLOT POP BC DJNZ CLOOP RFT

DEFB OFH

DEER C3H

DEFB 38H

CALL 2DA2H

DEFB 40H,80H,00H,57H

PLOT: LD A,D CP 192

RET NO AND COH RRA SCF RRA RRA XOR D AND F8H XOR D LD H,A LD A,E RLCA RLCA RLCA XOR D AND C7H XOR D RLCA RLCA LD LA LD A,E AND 07H INC A LD B.A LD A.1 PLOTIO: RRCA DJNZ PLOT10

OR (HL) LD (HL),A RET

Get Mem1 - sin angle ;Multiply ;(X diff x cos)-(Y diff x sin) Stack X centre of screen Which is 127 dec Add it to above Store for next loop in Mem2 :Exit calculator Put last value in BC - this is the X co-ordinate of the next circle point Enter calculator again ;Delete last value ;Get Mem4 - X diff Get Mem1 - sin angle :Multiply Get Mem5 - Y diff ;Get memo - cos angle ;Multiply ;(X diff x sin)+(Y diff x cos) ;Stack Y centre of screen Which is 87 dec Add to above calculation Store in Mem3 for next loop Exit from calculator Put last value in BC - this ;is the Y co-ordinate of the next circle point Retrieve the X co-ordinate E and Y co-ordinate in D Plot this point Restore the counter in B ;Loop back until finished

;Test the Y co-ordinate for

Calculate the screen address

with a few bit-manipulations

from the co-ordinates

Off-screen

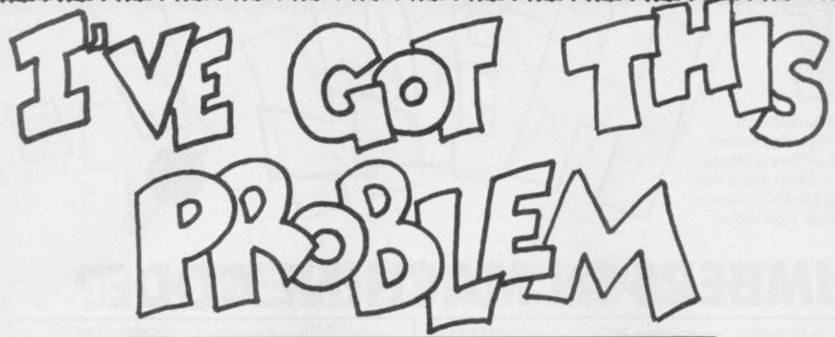
Return if it is

Screen address now in HL Now we work out the bit to ;be plotted

;Use B as A 1 to B counter :Set bit 0 of A

;Rotate into required position

;Or it with the screen ;and then store it ;Retrun to the circle routine



Gizmo gone bonkers? Can't get your thingy connected? Don't be afraid to tell us . . .

Plus Two Blues

As the executive letter opener sliced cleanly through envelopes, letters and executives this month, a common problem is coming to light (and I'm running out of fingers). It seesm that the +2 (doncha love it?) is prone to loading problems after a month or two of happy operation – there's a stack of letters here all saying the same thing. Mostly, it's 128K, turbo load and boosted games that won't load properly.

Symptoms are an apparently clean load that falls over at the last possible minute, leaving a blank screen or loads of pretty flashing squares. Lots of streamers have demagnetised, cleaned, tweaked and otherwise severely chastised their tape heads, to no very good effect.

It sounds like a bad batch of cassette drives, or possibly another component, has sneaked past the eagle eyes of Amstrad's Quality Control (do I hear laughter at the back?), since most of the +2s involved are the same age. And, fortunately, under guarantee, so the ever-cheerful shopkeepers (I definitely heard laughter that time) should take 'em back. More to the point, since Amstrad should now be painfully aware of the problem, you should have no problems in getting 'em fixed.

Now then, first patient.

. . . with my modem

Dear Dr Rupe, I've recently bought a Miracle WS2000 modem to go with my +2, and I was wondering how to connect it to the CPU. What sort of cables to I need?

Psi(45)

Tyersal

Bradford

● Psi(45)? Jolly good . . . s'pose your Spectrum's called Kevin. Anyway, you'll need more than mere cables to do anything useful with the modem, because the humble +2 hasn't got enough hardware to talk to it properly. The serial port in the computer is only good enough to send information to things like printers, who don't answer back. A modem sends data as well as receives it, which is too much for the poor Speccy to cope with. You'll also need a comms program.

The WS2000 is a very simple modem, and should work with any combination of software and hardware. The cable will depend on the type of interface you buy – the connector on the WS2000 is a totally standard modem socket.

. . with a mad desire

Dear SU, Please please (much grovelling cut at this point), tell me if there is a tape or hardware that can make a +2 Spectrum into a Commodore 64?

I've heard friends talking about software that can do this.

Mr X

Mossley

Walsall

● Nope. The only bit of hardware that'll turn a Spectrum into a Commodore 64 is . . . a Commodore 64. It doesn't even need a screwdriver to install.

The Spectrum is completely different from the C64 internally; trying to make Spectrum software run on a Commodore is like trying to make a Madonna CD play on a 1930's gramophone – difficult and totally pointless (apart from the one on the gramophone needle).

You forgot your first name, by the way, so I've replaced it with Mr X, to keep Psi(45) company . . .

. . . with my interface

Dear Dr Rupe, I found, in a jumble sale of all places, a Tasprint printer interface. It didn't have anything with it in the way of software or documentation though.

I'd have thought that it would have worked with my rather elderly Spectrum 48 and Tasword II, but I can't seem to make it talk to the printer (an Epson FX80) from the program.

Is there anything I can do, or have I wasted 50p?

Jerry Philips

Maidstone

Kent

 50p? Eeee, When I was a lad you could get fifteen QLs, a C5 and a software games house for 50p, and still have change for a copy of SU. . .

The codes for the Tasprint interface are simple enough, although your original Tasword II (ie. from the tape it came on, not a copy) should work automatically. If not, the codes are:

Code 1:0 Code 2:0

Code 3:0

Code 4:64836

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German equivalent of her O Levels, she spent a year in the US perfecting her English. She returned to spend two years insinuating that

What

Miss Kristiane Backer, 24, is in anyway horselike. Thank you.

What you need to receive MTV?

hat's simple enough. All you need are four things. A television set, a satellite dish, a signal decoder and somewhere to put the aforementioned dish.

in front of and behind the mike at the privately owned Radio Hamburg then moved to MTV Europe in February of this year and has worked as a VJ since. 'Soon I hope to get my own show, just like the other VJs, or maybe go more into the production side of MTV.

SRX100

Does she think it's worth getting hold of MTV? "It's worth getting just to have a wider choice of channels, plus when there's nothing else on any other channel, there's always going to be something good on MTV". Sound enough advice, and once again, straight from the horses mouth.

'We at SU would just like to point out

happens is that the magic pixie up in the Astra satellite, looks down on your home and sees that you have a dish. He then uses his special pixie antennae to beam down all the Astra channels to your home. But, as he's a pixie, all the programmes arrive in pixie form, so you need a decoder to turn it into something that your TV

Dish/decoder packages

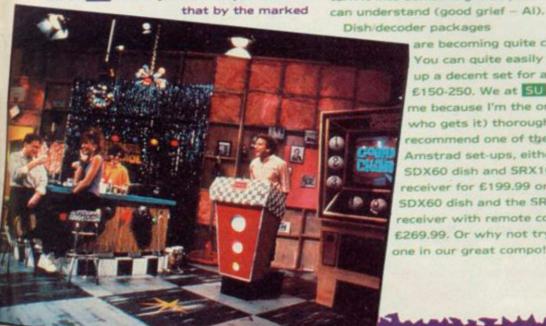
are becoming quite cheap. You can quite easily pick up a decent set for around £150-250. We at SU (well, me because I'm the only one who gets it) thoroughly ecommend one of the two Amstrad set-ups, either the SDX60 dish and SRX100 receiver for £199.99 or the SDX60 dish and the SRX200 receiver with remote control for £269.99. Or why not try winning one in our great compo!

That's the best, what's the rest?

o, what else can you pick up off the Astra satellite dish apart from the mega fabby MTV? SKY, for a start. SKY consists of four channels at presents. SKY Channel itself is an entertainment channel not unlike BBC1 or ITV, only there are no repeats. The channel hasn't been going long enough. now, what you get are first time showings of great shows like Family Ties, The Sullivans and General Hospital.

Sky News is a 24 hour solid news channel, the flow of the media broken only momentarily to show Frank Bough's World, though do we really want to see it?

Sky Movies is the second best channel on Astra, bringing you all the movies that won't be seen on normal TV for a year or two. Laugh at all your friends when you tell them that you want to get home early to watch Aliens 3, or tell them the ending of Star Wars episode 9, End Of



INCLAIR USER SEPTEMBER 1989



t's all very well us telling you how great MTV is, and it's all very fine saying how great they are, but what good is that to you, the reader? You want to find out for yourself just how brilliant a 24 hour visual radio is don't you? That's why those luverly, luverly people at MTV have given no less than ONE whole Amstrad Satellite receiver system, consisting of an SDX60 dish, an SRX100 receiver, that can pick up all channels currently broadcast by Astra, and all the nuts, bolts and bits of metal needed to affix the dish to your home. FIVE (count 'em) lucky runners up get to own a fabbo MTV T-shirt, just to prove how incredibly cool and sexy they are.

All you have to do to be in with a chance of winning this super duper prize is to answer the three simple questions below, and send your answers, along with your name and address, to "I want a large circular object on my roof!, [SII], Holkham Road, Orton, Peterborough PE3 OUF. Closing date 30th September.

- 1 How many channels are currently broadcast from Astra?
- 2 What does the M in MTV stand for?
- 3 Coca-Cola are one of MTV's sponsors. True or false?

Answers: 1)

2)

2)

Addrage

......

EMAP and MTV staff may not enter, nor may people who (A) don't have a TV licence, (B) don't like music or (C) don't have a roof.

This month's OUtlands was all the lovely work of Tony and was laid out by the saucy Tim. Thanks to Debbie Walker at MTV for getting involved and Kriastiane for showing me where the office was.

tacky budgetty sort of title, seems to automatically ensure a cheap tacky

budgetty sort of game, but Ninja
Commado, despite the awful title
is a surprisingly enjoyable game.
You, are as usual, a Ninja
Commando of the highest degree.
Unstoppable is how he's described
on the back of the suspiciouslyCode Master-like packaging
(complete with authentic quotes
such as 'Brilliant graphics' and
'Excellent animation'). Didn't seem
very unstoppable to me. When I was
controlling him, he was stopped
more than once or twice.

more than once or twice.
You run from left to right over a monochrome multi-level scrolling landscape, jumping on and off platforms and fighting the bad guys. Fighting started as being a bit of a



that you don't have a weapon at the start of the game, and contact with the bad guys means instant death.

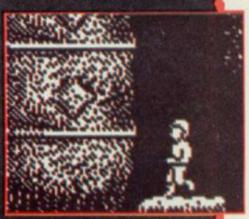
What the instructions don't tell you, and this is something that took me more than one or two failed attempts to discover, is that you actually have to jump on the bad guys to kill them when in unarmed mode. Make a note of that, you are the first ever easily stoppable unstoppable ninja who knows absolutely no form of martial art or self defence.

So, you're running along from right to left, leaping on and off platforms and killing the bad guys.

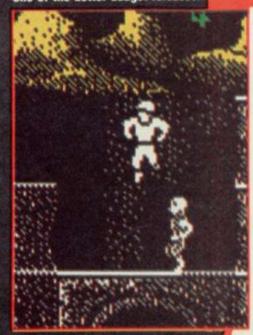
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But what exactly is the game about.
Well, it's about running from right to
left, jumping on and off platforms
and killing the bad guys. that's it.
Now come on, how is anybody
supposed to take a budget game
called Ninja Commando seriously
if it doesn't have a really far fetched if it doesn't have a really far fetched plot about some evil emperor and contains lots of names like Ken-oh and Dan-oh.

The graphics are small, but very well defined and animated. So, the main character (the ninja) looks main character (the ninja) looks
more like Morph than a black
assassin of death, but at least he
runs convincingly. The backdrops
are a little samey in places, and the
complete lack of colour anywhere,
including the front end, does spoil
the look of the game a tad.
It plays well, and after the

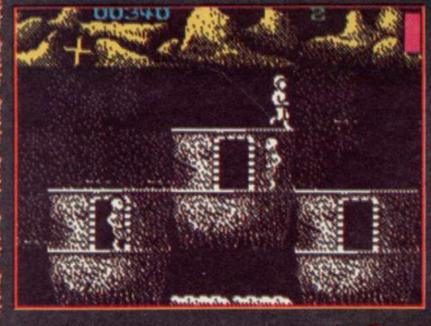


immediate gameplay glitch of working out how to kill anything, it does become enjoyable. Very, in fact. It's nothing special or outstanding, and it won't set any new standards, but it's still good. One of the better budget releases.





as you progress through the game. The weapons are obtained by killing the bad guys. The only problem is

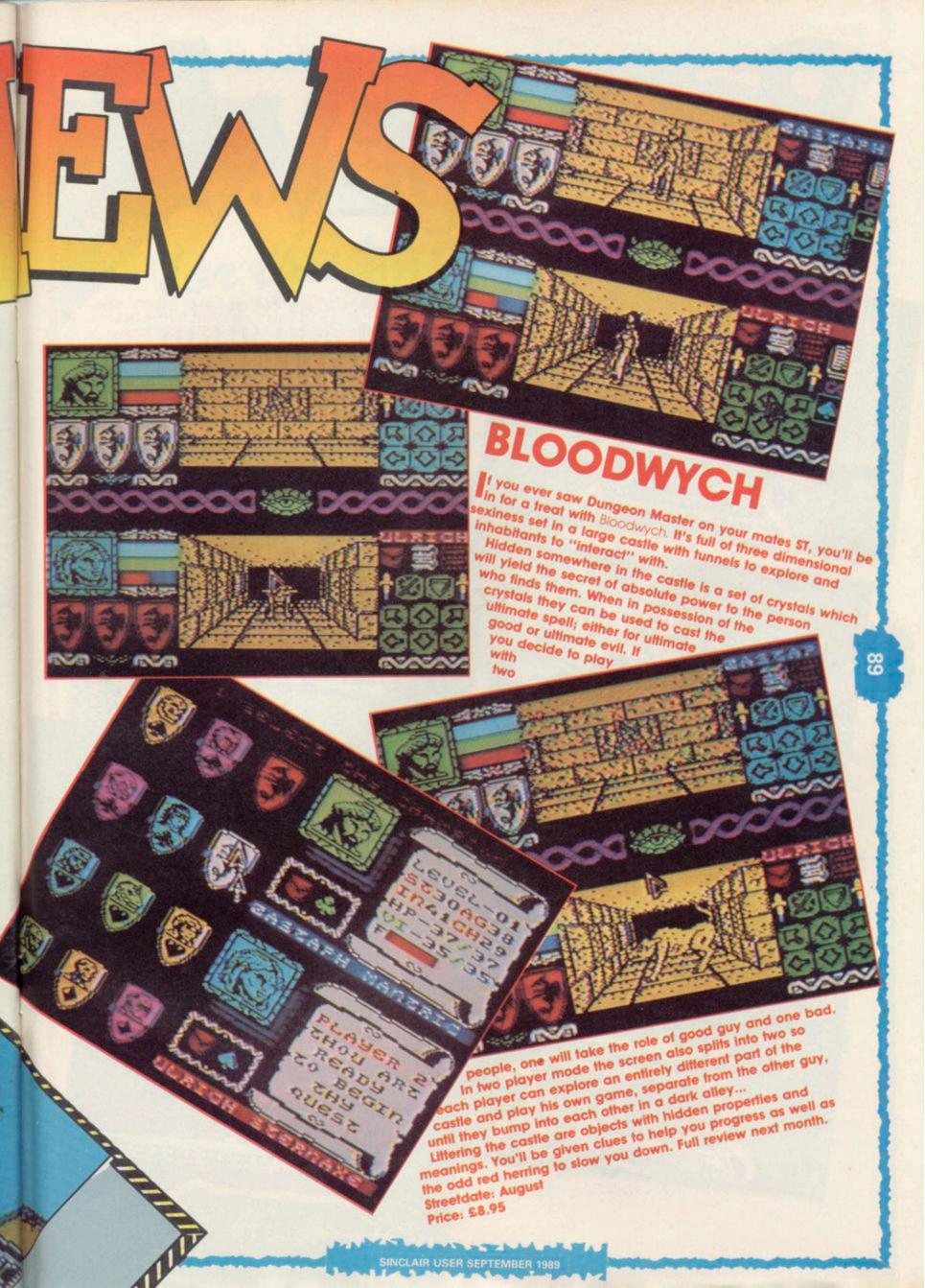
















- TAPE 4 1. XENO
- 2. SNOOKER
- 3. ARENA
- 4. BLOOD 'N' GUTS
- 5. ROBOTO
- 6. QUETZALCOATL 7. SPACE COMMAND
- 8. LIFELINE
- 9. JAWZ

TAPE 6

- 1. RED SCORPION
- 3D SEIDDAB ATTACK
- 3. CAPTAIN KELLY 4. ARCTURUS
- PYRAMANIA
- 6. TWO GUN TURTLE
- 7. MISSILES DEFENCE
- 8. 1994
- 9. BILLY BONG

TAPE 8

- 1. NETHER EARTH
- 3. DOGSBODY
- 4. FLYER FOX
- 5. OVERLORDS 6. THE LUDOIDS
- TUTANKHAMUN
- 8. MOON BUGGY
- 9. S.O.S

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- 1. NIGHTFLITE 2
- 2. LEGIONS OF DEATH
- 3. STRONTIUM DOG
- 4. STAR TRADER
- 5. MUSHROOM MANIA
- 6. 3D TUNNEL
- BOMBER BOB 8. THE CHESS PLAYER
- 9. ESCAPE

- 2. FANTASIA DIAMOND
- 3. HOCUS FOCUS
- 4. CORE
- 5. PETER SHILTON'S HANDBALL MARADONA

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- 6. SPECTRON
- 7. CORRIDORS OF GENON 8. HYPERBLASTER

9. 3D TANX

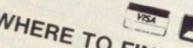
- TAPE 5 1. MISSION OMEGA
- 2. SHOWJUMPING
- 3. TANTALUS 4. THE ISLAND
- 5. STARFIRE
- 6. ATLAS ASSIGNMENT
- 7. NIFTY LIFTY 8. STAR WARRIOR
- 9. KNOT in 3D

TAPE 7

- 1. SECTOR 90
- 2. HEATHROW 3. SODOV THE SORCERER
- 4. XADOM
- 5. REALM OF THE UNDEAD
- 6. MUMMY MUMMY
- 7. PANZER ATTACK
- 8. **ZOOT**
- 9. GRID PATROL

TAPE 10

- 1. FIRESTORM
- 2. REDCOATS
- 3. DRAUGHTS
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- 6. GRID RUNNER
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Chris's Crap Jokes Corner

t gets harder and harder to fill this space every month, especially in that quiet time of the year when the DomDom's aren't doing anything remarkably silly we can make fun of. So we're going to get you to fill the space - and we aren't even going to give you any money. No. All you'll get for the effort is the honour of seeing your name in Chris's crap jokes corner.

Unlike Al's Crap Jokes Corner, which was largely visual, we want written jokes because we can't spend our valuable time standing aroung having our photos taken in silly poses. Just so you know how a joke qualifies as being crap, here's Chris's own current favourite.

A tortoise is making its way to the shops when it's set upon and mugged by three vicious-looking snails. It lies spinning on its shell at the side of the road until a police rabbit turns up, ner-ner ner-ner ner-ner. "Ello 'ello 'ello, what's up here then Doc?" says the rabbit. "I've been mugged by three snails, officer" sez the tortoise. "Oh dear oh dear oh dear, that's terribly serious. Would you recognise any of them if you saw them again?" "Ooh", says the tortoise, "I don't think so officer. It was all over so quickly..."

Ha! Crap eh? If you've got anything remotely as bad to offer, write it on the back of a postcard - don't stick it in an envelope 'cos we won't bother opening it - and send it to Chris's Jokes, Sinclair User, Abbot's Court, 34 Farringdon Lane, London EC1. Put your name on the postcard but don't bother putting your address 'cos you aren't getting a prize.

The Spectrum At le Movies

t shouldn't come as any surprise, in these days whe megacorporations own all the film studios, that more and more movies are used to plus products such as Coke, Macdonald's and, of course, the Spectrum. How many of these sneaky moments have you spotted?

INDIANA HONES AND THE LAST CRUSADE

- An Indy opens the tomb of the lost knight in the catacombs of Venice, a Plus 2 is seen sticking out from behind the knight's

BATMAN - Jack Napier, alias The Joker, is seen compiling a catalogue of jokes on a Plus 3.

ROBOCOP - When Murphy opens his chest panel to repair himself, you can just make out the lettering SINCLAIR SPECTRUM ISSUE 2.1 on the side of a circuit board.

GONE WITH THE WIND - Rhett Butler and Scarlett O'Hara meet for the last time in the burned-out ruins of Atlanta. At Rhett cruelly spurns Scarlett she wipes her nose on a rubber-keyed Spectrum (this scene was cut from the television version).

BEVERLEY HILLS COP - Eddie Murphy is seen shooting a Spectrum, setting fire to it, running over it in a tank, firing a flame thrower at it then arresting it - then smashing it iver the head with a plank, then insulting it.

GREASE - Olivia Newton-John has a Plus 2 stuck through her pony-tail in the mud-wrestling scene (whaa!?? Alison).

Have you spotted any other Spectrums popping up in films? If so drop us a line and tell us about it. Address your letters to "I've got an over-active imagination, Sinclair User blah blah blah."

SINCLAIR USER SEPTEMBER

MORE ALMOS

We're getting fed up of these but they fill a few precious Ian Denius (He Comes From Venus) Arnie Kiles (He Collects Kitchen Tiles) Mister Stick (Je Loves His Brick) Sidney Tat (He's Always Saying 'Drat')

We think that's all the Almost Rude Names in the whole universe, but if you have any more, keep them to yourself.

HE SHAPE OF

t the moment Sinclair User is put together using familiar publishing technology like typewriters, cow gum, scissors and sellotape. But, in the near future, everything will go fearfully hi-tech. Our colleagues at Computer and Video Games have £20,000 worth of PCs, laser printers, hard disk drives and desktop publishing software, and they're going to tell us all how to use it and even let us play with it ourselves. Just to give you a sample of things to come, here's the result of our early experiments in DTP.

twidelontally olling megahlastons.

Thererehesuatruckloadfliensuzzinabouthe placeawelashesuatruck loadweaponstoshoothem withNotestandarpoweruptsheset, hough Exotiarma mentscucheswavebeams, huntreissilesegaflash fiveraghotarenatyou wanthecausthelyillotsf baddie\$anmakeomeathe niceoisetoo! Yerlyandfo thbse-i-end-of-leve?

10 THINGS THAT WILL HAPPEN AT THE PC SHOW

- 50% of the software that was "Definitely going to be available to review" will not be reviewable.
- 80% of the leaflets you'll be given will be entirely useless adverts for Commodore Plus 4 disc drives etc.
- 3) After hours walking around the show trying to find "Megadeathblast" you give up and spend your last £8.95 on "Mr Spaz Meets the Flower Bunnies".
- You immediately find the stand stocking two thousand copies of Megadeathblast for £7.95.
- A machine that you walk past will instantly malfunction and fuse all the lights. You will cop the blame.
- 6) You will lose your ticket on the ten yard journey between the ticket office and the doormen.
- 7) Someone will spot you're reading Sinclair User and they will say "Oh, a Sinclair Owner eh? I find that my Cray P11 has infinitely superior processing time."
- 8) He'll slip into the crows before you can strangle him.
- You will find absolutely brilliant game that you successfully purchase.
- 10) You will return home carrying twelve carrier bags full of rubbish that you don't remember buying.



Caption Compo No 32

ell well well. You would have thought that a picture of a fat man handcuffed to a rabbit would have stimulated some funny suggestions, but apart from a couple of unprintable funny suggestions, but apart from a couple of unprintable mes about deviant sexual practices it was yawn city a-go-go. After we'd chucked out all the "Just my luck! Handcuffed to a Crash we'd chucke

depending on your point of view.

Still, Kris gets the £20 worth of games, so well done to him, while the rest of you get a stiff warning about these "aren't Crash/YS readers silly" captions. We all know it's true, but it gets a bit tedious hearing about it.

End of the line.



Caption compo no 33

hat on earth is going on here? A bit of an alternative piccy for you to play with this month. What do you reckon these two young whipper-snappers are up to then? Looks like they're up to no good. Are they being sick into the river? Are they offering mouth-to-mouth resuscitation to a passing squid in distress? Who knows? Maybe you do.

Have a lovely think and if you come up with a goodie (or even an OK-ie), send it to us before September 31st. The best one picked out of Jim's boxer shorts gets £20 worth of games, but if you don't reach a really high standard you'll get £20 of games picked out of Jim's boxer shorts, so think about that.

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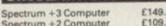
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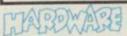
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