

CRASHED -

All Because The Lady Loves Coupé!

CRASHED

SAM AND SPECCY!

Dec 1994
£1.00
Issue 4

1994 -

Was it any good?

We'll tell you - inside!

ALSO...

Tech Niche

Looking Back at S.U.

Dave Fountain Interview

And Much More!

ARC

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Phew! 1994, Eh?

Just when you'd forgotten all about the miserable year, 1994 is back to haunt you. (Freely plagiarized from issue 4 of Fish.)

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The first of a regular series, in which Allan makes us all seethe with jealousy at the size and range of his magazine collection. Pah.

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Stand up, stand out, express yourself and enjoy it.

CRASHED SAM AND SPECCY!

ISSUE 4 • DECEMBER 1994 • OUT
27 MARCH 1995 (?)

Well, we're getting better at it. Last issue was three months late, this one's two months late . . . with any luck, next issue will be one month late, then we'll put out about five issues a day until we catch up. (All figures are, of course, approximate.)

With this being my GCSE year 'n' all, it would probably have made sense to have done what Fish did, and put Crashed on hold until June-ish. However, the thing is that setting up Crashed had taken much, much longer than it should have (getting on for two years) and when the first issue came out last August, I was loath to let it go after I'd worked so long on it, especially as word was just beginning to get around, and the fruits of my labours were starting to show. So although it's not an ideal situation, bear with us, eh?

On a separate subject, just what does it take to get you lot to contribute? I'm currently doing about two to three hours' revision and homework a night and I still find time to edit a fanzine, so I don't buy for one moment that "I just haven't got the time" cop-out. The SAM and Spectrum user base is now made up of a hard core of true enthusiasts, of which you are one. You must have a specialist area about which you can write something of interest. It doesn't matter if it doesn't fit into the current framework of the magazine - if you get in touch, we'll be able to sort something out. So please, please chip in, even if it's just a couple of hundred words. As you may have gathered from the above comments, I'm not exactly blessed with unlimited hours of free time, so the more outside contributions I get, the more regularly Crashed will come out - it's as simple as that.

If you've joined us after issue 2, you may not know that Crashed is supposed to have a tips page and a letters page. Whither the tips for the recent Speccy games? Whither the SAM tips? In particular, whither the outspoken, controversial comment? The Speccy and SAM scene is more interesting now than it has been for a long, long time. Format now seem to have a virtual monopoly over the SAM, running from the machine itself to the user meetings, which by some accounts are little more than vain attempts to get you to buy one. What do you think about the PD wars? Davis and Sheerwood have been bickering for well over a year now, when they should have been spending their time providing one of the Spectrum's most essential lifelines. Should they grow up and bury the hatchet, or does one (or both) of them have a valid case? It seems rather an ironic situation that the Spectrum, the biggest-selling computer of all time, is now supported by non-profit making services working hard for the love of it, while the SAM, a three-times flopped obscure Welsh thing, still has a glut of commercial companies trying (obviously to some degree of success, as many have been operating for a good few years) to make money out of it. Should this situation be reversed? Or does the Spectrum deserve a second crack of the commercial whip? Perhaps you think that it's unfair on SAM owners that they should be paying for what Spectrum owners are getting for free?

But enough of this stirring. I shall go now, and let you lot snigger at all the hopelessly out-of-date info. Farewell.

Mark

CREDITS

Editor

Mark Sturdy

Contributors

Allan Clarkson, Mal Beal,
Linda Whittle

Behind-the-scenes bod

George Boyle

Cover artwork

Allan Clarkson

CRASHED,

Pear Tree Cottage,

North Deighton,

WETHERBY,

West Yorks,

LS22 4EN

Tel. (01937) 582837

BACK ISSUES

All issues of Crashed are still available at the normal price of £1. SAE for further details.

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THANKS THIS ISSUE TO

Dave F.

Zoo time is she and you
time, de dum de de de de
de dum de de de de de
dum. Heartbeat, increasing
heartbeat, de dum de dum
de dum de dum de dum de
elephants and tacky
tigers. This town ain't big
enough for both of us.
(Bah-bah-bah-burn.) AND
IT AIN'T ME WHO'S GONNA
LEAVE!

(Ahem.)

C on SAM

Fred Publishing are planning the launch a version of the C programming language for the SAM. C is often thought of as the industry standard applications language, and is popular because of its portability - normally, a C program written on one machine can very easily be converted to run on another.

The Fred version will include a built-in editor, debugger and calculator. When released, the price is expected to be below £20 - if you buy it, I'd love to see some reviews. (MS)

Con SAM

SAM: Loads of stuff from new bugs Jupiter Software, including a licensed conversion of Booty (with graphics from the brilliant Stephen "Pickasso" Pick, famous for SAMDisk) and a French translator; T 'N' T, a Bomb Jack clone from Revelation; SC_Word Pro, a PC quality word processor/DTP package from Steve's Software.

Spectrum, Gloop and Demolition/Crazy Golf, two newbies from Jonathan Cauldwell; The Ritman Collection, a four-game compilation from BG Services; MIDISound, a +D/Disciple MIDI suite from SD Software; 3D Superbike, a forthcoming release from someone called Alan Cresswell.

Details from the addresses in Post Box - all reviews welcome, except Gloop, which is in hand, so to speak. (MS)

788 bounces back

Chalfont's finest, EEC, are now stocking Lord Sir Uncle Clive's last computer, 1987's portable Cambridge Z88. At £113.36 including VAT (I kid ye not), it costs over £100 less than the original launch price.

If you've got one of these machines (or indeed a QL, +2, +2A, +3 or Interface 1/Microdrive, all of which EEC stock), please feel free to write a review, as I know precisely one interesting fact about the Z88, and it is this:

Under the terms of his sell-out, Sir Clive was obliged to offer any future designs to Amstrad. They took one look at the Z88 (or the Loki, as 'twas known then) and gave him permission to go it alone. Four years later, Amstrad released the NC-100. It was identical to the Z88. It sold rather more. (MS)

5 years of Steve

This April, Steve's Software, one of the main programmers of SAM utilities, will celebrate

News Input

Another Gloucester show

The date for the next SAM & Spectrum Fair has been announced as Saturday April 29th (which isn't bank holiday weekend - it's been put back a week this year). The venue remains at Quedgely Village Hall, on the outskirts of Gloucester.

In the past, the show has attracted criticism for being too SAM-biased, although this is inevitable, due to it being run by everybody's favourite monopolisers, Format Publications. However, this time there's a possibility (and we're stressing that it's just a possibility) that Crashed might be there. More details next issue - if it's out in time, that is, ho ho. (MS)

PAW on SAM

In addition to the CP/M version, compatible through PRODOS, Skelmersdale ravers SAM PD have released a disk that converts the Spectrum version of the Professional Adventure Writer to full SAM compatibility.

The key-scan routines are modified to read the SAM keyboard, and the function keys can be used for SAM-specific features like disk catalogue. SAM BASIC and machine code routines can be called from within games, and E-Tracker music can be accessed. SAE to SAM PD for details. (MS)

Where are they now? no. 2

Format in world domination bid

In the final issue of Your Format in world domination bid Sinclair, it was announced that Format Publications, the former YS contributors (under company behind the INDUG user the leadership of Steve group, have taken over as the Anderson) were going to carry sole mail order distributor for on the mag as a fanzine by the SAM Elite and its the name of Your St. Clair. peripherals. This means that However, over a year later, Format are now ordering direct nothing has come of it. from the assembly companies.

After a lengthy rather than simply dispatching interrogation, former YS Ed for West Coast Computers as Jonathan Nash said in a they have done since late prepared statement: "Er, I rang 1993. While this means that Steve a while ago and he said the mail ordering process will be speeded up, and costs will be kept down, it also means that Format are now the only source from which SAMs can be obtained. At the same time, Format's round to finishing Issue 4, Bob Brenchley has taken over which is currently "gathering from Blue Alpha's Mark Hall dust." However, when Mr. Nash (who is still seriously ill in hospital) as West Coast's interview, in which he hardware co-ordinator. In this promised to continue YS2, he capacity, he is looking for felt "a wave of guilt" wash hardware people for the SAM over him. Nice to know he still or Spectrum. If you feel able cares . . . (MS) to work on the development of

We'll sithee then, SC

Sinclair Classic 10 was the last issue of this popular tape magazine. The writers have joined with top British coders Extacy 3 (I sincerely hope that's deliberate. Ed) to work on Subliminal Extacy, a Tasword format 128K diskmag. They promise to be even more

Hardware currently being worked on includes a MasterDOS-compatible clock/calender system for the SAM, and a very hush-hush new Spectrum interface. (MS)

Mark

The illustrious, witty and only slightly crap (all right, indescribably crap) Ed issued forth with these gems of wisdom: **Best old game** Micronaut One **Best new game** Mutter mutter mumble mumble **Best film made in 1991 but shown on telly in 1994** Life Is Sweet **Most inadequately-hidden facts** (1) That the one new game I played in 1994 was fairly average so I can't enter it for best or worst game, and (2) the last film I actually saw at the cinema was Jurassic Park **Best elpees** His 'N' Hers/Pulp; Mamouna/Bryan Ferry; Parklife/Blur; The Division Bell/Pink Floyd **Best singles** All of Blur's stuff; Love Spreads/Stone Roses; Down By The Water/PJ Harvey; Tell Me When/The Human League; many others **Worst records** Too obvious to go into here **Best TV shows** The Riff Raff Element; The Day Today; KMKYWAP; Common As Muck; Later With Jools Holland **Just insultingly poor, I'm afraid** Top Of The Pops; Babylon 5; Heartbreak High; Power Rangers; Neighbours; pretty much everything, really **Biggest mistake** All my percentage ratings in issue 1 (erk) **Best things to happen** I got contact lenses (and stopped growing - anything more than 6 foot 3 would have just been ridiculous, I'm afraid); the underground Speccy scene got itself established and went from strength to strength; I finally got Issue 1 of Crashed out **Worst thing to happen** Er, I had to follow it up! **God-like genius of 1994** Goes jointly to Mark Radcliffe and Jarvis Cocker **Prediction for 1995** Brett from Suede will either commit suicide, disappear overnight, or suffer a Syd Barrett-style mental collapse and fade into obscurity. Look, I've got nothing against Suede - it's just what I think's going to happen. And yes, all the above records did come out in 1994 (although admittedly most of them were released in the last week of December or whatever).

Allan

Techy bod and general workaholic Allan had this to say about 1994: "Ah, heady days (whatever that means). I'll probably tell this to any grandchildren that I may one day have. How the sun always shone and there was no crime. They'll be amazed at how I managed all those hours at school, how we could breathe the air outside (only just) and how computers had keyboards. Then I'll tell them what 1994 was all about." Unfortunately, due to an hilarious BBC sitcom-type misunderstanding, he went on to pen a 400-word essay about the past year, which I've trimmed down to the following snippets (I'm cruel like that):

Best game Lemmings **Worst Game** Lemmings was the only one I bought, I'm afraid. So that gives me two choices for this one. Either choose Lemmings again, or pick one that I haven't played. I'll plump for the latter, and choose one of those Supplement jobbies, you know, the "technically insulting" ones. **Musical offering** ELO Part II with Moment Of Truth, published by Edel. An excellent CD/Cass that hasn't enjoyed chart success (yet) due to bad promotion and organisation by the record co. But it's available in most shops now, so go get it! If you're musically narrow minded, though, skip tracks 1 and 17. (Allan, please stop talking about ELO. Ed) **TV programmes** Have I Got News For You was very good, as was Harry Enfield. Don't Forget Your Toothbrush is fab, but I have to say that Byker Grove has to be the worst TV programme ever. I can't believe it's at all popular. **Events of the year** I finished school and started college. Our cat had kittens. Those were good. These are bad: GCSEs (a hassle), the kitten that we kept got knocked over. (But he fought his way back from death's door, and is now fine, if a little shaven and tail-less. I was going to say that he was knocking at heaven's door, but it's more likely that he was scratching the carpet up in front of heaven's door.) **Best yoghurt award** Custard-style strawberry. Thanks for that, Allan.

Mat

1994: how was it for you, Mr Beal?

Best album Parklife by Blur. Lovely and splendid all over. Runners-up: Dog Man Star (Suede), Definitely Maybe (Oasis), Everybody's Got One (Echobelly) **Best singles** Let's Get Tattoos by Carter USM, Rocks by Primal Scream, Unbelievable by The Wonder Stuff, and loads of other things **"Your music's poo" award** Jimmy Nail (And Q gave him 4 stars! Ed), Bon Jovi, Pato Banton, Aswad, Big Mountain (Big Pile Of Crap, more like), most of the stuff that charted **Best film** The Nightmare Before Christmas, closely followed by Four Weddings And A Funeral. If you haven't seen either of these (Sheepish grin. Ed), rent the video ASAP (Will do. Ed) **Crappiest film** The Specialist. No plot, stupid story, lamentable acting, some natty explosions, Sharon Stone's protuberances, Sylvester Stallone's arse and varicose veins. And a cat **Twats** Noel Gallagher, the entire cabinet, Bobby Davro, Noel Edmonds, the whole cast of Neighbours **Programmes of 1994** Have I Got News For You and Knowing Me, Knowing You (telly); Mark Radcliffe and John Shuttleworth (wireless) **Nice things to happen** Fish going from strength to strength, Crashed finally emerging (suck suck), going to Germany, the IRA agreeing to stop blowing things up (very civil of them), enjoying myself once in a while (it does you good), several other irrelevant things **Nasty things to happen** The Criminal Justice Bill (we won't be able to go out of our houses without being arrested! Aaargh!), Cyberspace rising to such prominence (scary business), terrifying myself reading about the apocalypse, several other etc etc **That wasn't terribly Speccy-orientated, was it?** No. Sorry. (Damn.) Read the big review thing. Politics, travel, rock 'n' roll . . . this boy'll go far (possibly).

Honorary Crashed team member Chris (ie he said he'd do some SAM reviews but can't at the moment 'cos he hasn't bought any new games since 1918, apparently) got in here simply by virtue of having written something at last. So here he, er, is.

Moosic Anything by Gene, Blur, Pulp, Echo(belly), Sued(e), Morr(issey), and (eek! Eek! Private "joke" alert) our Mat's very own rendition of Animal Farm **Not so nice** Any Top 20 cover version. Especially the Pato Banton (spit!) and UB40 (phloem!) version of "Baby Come Back"

Chris

Mistake of the year Attending the Radio 1FM roadshow. Twice. The Manic Street Preachers were good, mind **TV Progs** Have I Got News For You. And Wizadora. We adore her **Most irritating little worm** Jack off Home And Away. Have you noticed that his body's completely out of proportion. Ugh **DJ of the year** Mark Radcliffe. Our kid. Gubbins. Fancy a brew? Et cetera **Film** Four Weddings And A Funeral **Go away** Mr Motivator. Bring back Lizzy Webb. Or even Lizzy off Playbus. Anyone. Chris, thank you. And make it your New Year's Resolution (even though it's March) to stop watching appalling daytime television programmes, and buy some games instead. And review them. (Sanctimonious? Me? 'Fraid so.)

Of the rest of the regular Crashed bods, George has heroically failed to write anything at all, Linda I've not heard from for ages, and (St) John's just the new boy, you know?

(BAILEY)

1994, EH?

THAT WAS THE YEAR THAT WAS 1994

MAT To say that the commercial was their fault for telling horse's head in his bed. Ho, ho! Only Speccy scene deteriorated in 1994 everyone they were going to joking. Presumably he's still would be to say that in that space release it. (No, really). "wondering" as, indeed, so am I. In

of time Benny Hill's health April Zenobi spin-off 'zine The a separte Alchemist-related deteriorated - if it's dead, it can't Goblin Gazzette (sic, as ever) incident, Davis got rid of his SAM else, "we confidently predict get any worse. Still, there remains folded. ZAT Editor Darren only three months after announcing that Issue 3 won't come out a large number of home-grown, and Blackburn called on the Engilsh its arrival, describing it as a shameless apologising will be vaguely amateurish outlets concerned people to systematically destroy "doorstop" and the "scourge and in order yet again." And they with the rubber-keyed marvel all gerbils. Or not. A Speccy and life-stealer" of the Spectrum _were right. Sturdy decided remembered so nostalgically by 16+ SAM user meeting was held in presumably he has "scourge" that he had got the release bit owners, a situation which should Gloucester, which DB described as confused with "only possible future dates right, and Time itself continue for a good few years (just a good day out with "ample of any kind". He also noted it had was wrong, and loyally stuck like in the early days - things have parking". Hurrah, I expect. Bob too small a support group to be by his (by now hopelessly come full circle, so it would seem). Brenchley, editor of Format, let it taken seriously, and expected it (inaccurate) coverdates and is So here I shall (as is customary) go be known that he thought "PD on would be obsolete in a short space currently believing he is through each month and recap what the Spectrum should not be of time - neither description, of living somewhere in December happened in an only slightly encouraged". It is our considered course, could be applied to the 1994, I should imagine. incompetent fashion. opinion that Bob Brenchley should Spectrum in 1994. Spooky, eh? (Merry Christmas. Ed)

January began, as usual, with much not be encouraged. **July** I returned from holiday to find **October** There was another marvelling at what a splendid thing **May** A new fanzine was announced a message on the trusty Ansaphone **October** There was another 1995 was going to be, until about, to be imminent, calling itself from David Ledbury, who seemed user meeting in Gloucester, ooh, half past one, when the novelty Crashed and described itself as a rather excited about something which I eventually decided began to wear off. "fanzine done in the spirit of the called the Midget, which anyone who not to go to, so I can't tell

February "Street Fighter II" was late great Crash". (Oops, Ed) Fish read the article in the last ish of you anything about it re-released by Kixx sometime around announced that Kixx weren't Crashed will know all about. (Order (although it was apparrantly this point, the last commercial releasing Robocod at all, but it that back issue NOW! etc. Ed) Chris a "bit of a flop"). Alchemist release of any kind on the Speccy, didn't stop a couple of rogues at Taylor, a coder with Triad Research launched the if memory serves. Tragically, this PD Power, ZAT and, er, Crashed Developments who was at the centre Spectrum Star Users Club, a was just about the only thing in its spreading the "news" a few of the Prism/Alcemist debate in its support group for the Star favour. (Ignore the Crashed review - months later. PD Power 'zine, early stages, apparantly got ticked LC-100 colour printer, which the game's total bobbins.) (Oi! Ed), inexplicably, mourned the death of off by the Trading Standards people (by the look of the letter) is Rave PD shut up shop, and were Ayrton Senna, a bloke who will be for the content of his demos, or so a crap printer if ever I saw one. **November** Fountain PD as a rather crap PD outfit. for driving cars fast. Graham Shaw admittedly). We later heard that announced they would be Ironically, Alchemist Research (who released the last ever ex-YS ed Linda Barker recieved a writing an adventure based on had complained loudly about RPD's Shawbrothet's game, Hop 'N' Chop, letter from a "Northern firm of Home And Away, which I service and produce) took them over, which was rated 75% by, er, me solicitors" advising her to stop think sounds a bit scary. "Lemmings" got released on the SAM in Fish, and is still available for writing for Prism's fanzine, which Issue 2 of Crashed came out (hang on! that means the Crashed £3.99 from the address in Post she and Martyn thought was a bit (Happy Hallowe'en. Ed), article should be called Pointing Out Computers launced the latest SAM **August** Issue One proper of Crashed heralding the release of The Fanzine's Incompetence Corner. model, the Elite. It seemed they finally arrived, and lo! it was rather Rotor, a, er, SAM puzzle Maybe not.) were finally doing something good. SAM Supplement said they game. I recieved a copy of The Knuckle Girls' porn demo. **March** Rumours circulated the EMAP worthwhile. were selling some old SAMs for a Lollipop - I think we'll leave Sinclair User. Nothing came of it, the grand old age of five. To Brendan O'Brien released "It's A that sort of thing to the PC probably because they realised they commemorate this golden occasion, Goal", a footy sim (there was a owners, ta, Girls... **December** Davis annoyed had as much chance of getting any Darran Blackburn dedided he was review in Crashed ish 2, which gave Sherwood again by making up advertising as Bobby Davro did of going to abandon ship in the it 70%). things about him in connection with new Brit becoming Queen of England. Fish not-too-distant future. Martyn **September** We at Fish (well, me) demo group, United Minds. following the article in Alchnews a newsletter about the affair, Issue 8 was the last for a while. Martyn immediately decided criticising him, and threats of court which ended with the words "my We made a complete mess of this, to go in for the attack, until action abounded. Rumours (largely next move will be done with a incidentally, in keeping with our Andy conceded he'd made a mistake, and Martyn decided started by me, ahahahaha) about Kixx purpose, and is for him to know tradition of making complete messes not to. So still nothing releasing Robocod on the Spectrum and me to wonder." Andy came of everything else (but at least we happened. Ho hum, eh? circulated. It was all wrong, but it home a week later to find a could use an apostrophe). SAM zine

Fred celebrated its fiftieth issue. There was a bit of a cock-up on the Crashed front, Issue 2 being due this month, but not actually coming out, Sturdy announcing that Issue 3 would be out, as planned, during November. "Ho no, that's wrong," said everyone else, "we confidently predict that Issue 3 won't come out until well into 1995, and shameless apologising will be in order yet again." And they were right. Sturdy decided that he had got the release dates right, and Time itself was wrong, and loyally stuck by his (by now hopelessly inaccurate) coverdates and is currently believing he is living somewhere in December 1994, I should imagine. Spooky, eh? (Merry Christmas. Ed)

October There was another user meeting in Gloucester, which I eventually decided not to go to, so I can't tell you anything about it (although it was apparrantly a "bit of a flop"). Alchemist Research launched the Spectrum Star Users Club, a support group for the Star LC-100 colour printer, which (by the look of the letter) is a crap printer if ever I saw one.

November Fountain PD announced they would be writing an adventure based on Home And Away, which I think sounds a bit scary. Issue 2 of Crashed came out (Happy Hallowe'en. Ed), heralding the release of Rotor, a, er, SAM puzzle game. I recieved a copy of The Knuckle Girls' porn demo. Lollipop - I think we'll leave that sort of thing to the PC owners, ta, Girls...

December Davis annoyed Sherwood again by making up things about him in connection with new Brit demo group, United Minds. Martyn immediately decided to go in for the attack, until Andy conceded he'd made a mistake, and Martyn decided not to. So still nothing happened. Ho hum, eh?

Nostalgia Corner

ALLAN (Captain Ubiquity) CLARKSON travels back to October 1984, a strange, mysterious time when Sinclair User was still good . . .

My copy of this issue is rather tatty. It starts on page five so I can only describe the cover as I recall it. I think it had a turtle on it because of the review of the LOGO language inside. It had the familiar '3-D' SU logo and if anybody can find out what issue number it was then you'll be thanked enormously.

This issue of SU is incredibly different even from SU in 1985. It's thick with 172 pages and is almost totally in monochrome. There are no recognisable names - Jon Rignall is yet to come - and the whole thing is very readable even today. Page five has a feature on Sinclair's forthcoming mass advertising campaign, which includes competitions on breakfast cereal packets and tubes of toothpaste. It even suggests that Sinclair might become a generic term for computers (like Hoover and Xerox), as in "of course my tax returns aren't correct, I've Sinclairised them!"

There are news items on the financial disaster left in the wake of Imagine's demise, a Speccy adventure game to be included on the next Strangers album, a possible Lord Of The Rings game, a new electronic system to distribute software in shops, Uncle Clive's investment in artificial intelligence, QL software, a new TV programme called Video And Chips (looks crap from the picture here), Sinclair's production targets and a program correction (a feature that came all too frequently in those days). There was also an item on a competition to win a golden hare worth £30,000 from Haresoft (who?). Does anybody know who won this?

The Letters page was duller than Dullo McDull of Dullford, Dullville, Tennessee. Letters included one from a salesman in a computer store claiming to have had an 86 year old customer, someone complaining that he couldn't get his 'stick in as the hole was at an angle (oo-er!), and a delightful letter from a woman who had knitted her daughter a jumper with 'Sinclair Spectrum' knitted in, which was accompanied by a photo of said jumper being worn by said daughter. Sickening. The hardware section featured no less than three replacement keyboards (this WAS during the rubber keyed time), four joysticks, and had a bit about the ComCon interface. The reviews are in one big bunch. Sherlock (Melbourne House) received a Gilbert Factor of 9, The Wrath Of Magma (Carnell) received a very respectable 8. Also under the microscope were Silversoft's Worse

Things Happen At Sea, Frank N. Stein from PSS, Jack And The Beanstalk (Thor), the legendary Full Throttle from Micromega, the now sadly defunct Mikrogen's Automania (prequel to the series of Wally Week games), and Chris Bourne gave Mastertronic's Alkatraz Harry a severe grilling. On the (by now dwindling but by no means understated) ZX-81 scene there is a review of two horse racing sims and four classic Bug-Byte games.

A review of Machine Code Tutors (books and software - not a real person, you fool) follows from page 51, after which are more adverts. Then comes Sinclair Surgery, full of letters from people with peripheral wobble, difficulty in finding a ZX-81 interface, and bewildered compatibility questioners who got equally bewildering replies.

The coverstory follows after even more ads. A double page spread with a photo of the product and a full page picture of some turtles, both in colour, grace the feature that is . . . SINCLAIR LOGO. The program gets a glittering review and also mentioned are the Apple (Ile, I expect), Atari, BBC and IBM PC (yes they are that old!) versions. But at the price of £39.95 the software had better be good, and it was, receiving 9 out of 10.

After a colour double page spread advert for the (terrible) video game version of Jeff Wayne's War Of The Worlds there is a competition to win a copy of Doomarks Revenge and a framed map of Icemark, then even more ads.

Program Printout is the next section we are treated to, with maths tutors, adventure games, arcade games (sort of - this is BASIC!), a database and a couple of utilities. You can bet your life that at least one of these programs had a correction printed in the following issue.

A comical interview with Melbourne House's artist of the moment Russel Compe, by Chris Bourne, graces two colour pages. Russel had drawn the pics (or should that be the pixs?) for MH's latest big release, Mugsy. Russ had made dull text adventures into atmospheric cartoons with his excellent graphics and animations. Russel reveals that he can't even program in BASIC, played basketball, and that he had always wanted to be in art. Rivetting stuff!

After (you guessed it) more ads, there's a microdrive utility feature, complete with BASIC program, and a guide for beginners to computing

follows that with some simple programs.

Sinclair Business User is up next with letters a-plenty from boring people complaining about funny bits in the section, who probably own IBM PCs now and are about as interesting as Dullo McDull, whom I mentioned earlier. A word processor article also forms part of this section, which is ended by addresses for software like maths calculus calculators and a Jewish calendar convertor. Mass marketing, sir?

Mr. Bourne was doing some overtime in late 1984 as he treats us to an article about micros helping doctors. The feature, entitled Dr. Sinclair, tells us of doctors using ZX-81s, Spectrums and QLs to do, erm, medical things. A bit of QL windows programming next, disproving the link between windows and multitasking. Incidentally, many modern computer owners argue about their machine being able to multi-task (do more than one program at a time), and IBM promote it heavily. Isn't it comforting to know that Uncle Clive did this over a decade previously?

Andrew Hewson is next on the stage, solving people's program problems for two pages. Next up is Quentin Heath who explains how to develop characters and interaction in role playing games. This is accompanied by some tables with Endurance, Strength, Lawfulness and Banana Fondness (Wah? Ed) on them. After a lengthy list of clubs and associations, and an even lengthier list of software for the ZX81 and Spectrum comes the Sinclair Supermart. This contains all sorts of ads, none of which are from companies that I recognise. And that's where my issue ends rather abruptly, the last few pages being lost in the ravages of time.

A separate paragraph must be made in reference to the incredibly large amount of advertisements in this mag. There's plenty of them, probably covering about half of the magazine. A large proportion of them are for replacement keyboards, a strangely high proportion are advertising carrying cases/work-stations, many are for sound boosters or FX generators for the ZX range, there's lots of joystick interfaces available, and of course there's plenty of games. Also, there's a few printer interfaces and printers advertised, as well as QL monitors and some disk drives.

And hardly a mention of the ZX80!

The Crashed interview

DAVE F

DAVE "Fudgepacker" F, former editor of Sinclair Classic and programmer for Fountain PD, leads a wreckless lifestyle, which should be obvious from the fact that he has no surname (no, it isn't Fountain). Due to this hedonistic, rock 'n' roll way of living (a) he owes £356.72 to Nottingham City Library and (b) Bob Hoskins' cronies at BT have cut his phone off. MAT BEAL sends a list of questions and waits . . .

How were you introduced to the Speccy?

"I always wanted a Sinclair computer from the ZX80 but could never get a job! The rich bloke upstairs had one (a 48K) and after he'd found it twice in my drawer I decided it was time to get a job."

What are your favourite Speccy games?

"I prefer the deep, involving ones like Tau Ceti and Elite as opposed to the shoot-'em-ups. The most fun is certainly creating your own stuff though."

Favourite other "things"?

"Book: Metamorphosis by Kafka; films: Texas Chainsaw Massacre and Paper Moon. TV programme: Laurel And Hardy."

Favourite wierd theory?

"When the Danes invaded, all the cowards ran away to the North and invented Scottish people. All the hard nuts stayed to fight, and became English. The dweebs with ginger hair and no sense of direction invented Wales."

Should the Speccy be taken seriously?

"It will always have an image problem; people think down to the level of Space Invaders and Horace Goes Skiing whenever the Speccy is mentioned. I don't think Sir Clive realized what the Speccy could do when he invented it!"

How do you see the future of the Spectrum?

"Spare parts will never be a problem - cannibalism will keep

us going for years. Alchemist and Prism are providing a very important focus. There are thousands of users still not aware that we've gone underground. The Speccy charms people, it will never die."

What is the meaning of life?

"To enjoy yourself to the full without harming others. (I don't believe I just said that . . .)"

How would you like to die?

"Very slowly, hopefully involving some sort of humiliation and sexual torture. [Err . . . Nurse, could you spare a second? Mat]

What public figure is most likely to be the Antichrist?

"Ronald Macdonald. He is already evil."

What was the last thing you ate?

"A finger of Fudge (it was just enough to give me a treat)."

What do you reckon to the new-look University Challenge?

"Where do they get those ugly contestants from? Bamber rules, Jeremy sucks."

What should we do with the Royal Family?

"Send them back to Germany and build council houses along the Mall. Have you noticed how none of them die due to old age?"

Do you shave your legs?

"Only when I'm bored. I have a phobia against women with long hair (it's true so don't laugh). I flinch if someone's hair brushes against my arm . . .

aarrrrggggghhhh! [Nurse! NURSE! Mat]"

Who's funnier, Punt and Dennis or

Newman and Baddiel?

"Middle-class ex-students don't make me laugh. I prefer Mike Leigh plays."

Who would you most like to be stuck in a lift with?

"Danny Baker is a good lad [NUUUURRSSE! Mat] although he doesn't come over well on TV. I'd hate to be stuck with a shy person; the prolonged silences would be worse somehow."

Describe Bob Monkhouse in four words.

"Smug, rich Tory ('Glass dad.' Rude Words Ed)."

Is ZAT dull?

"I've never seen a copy but I assume it is written by people with very bad haircuts."

What are heaven and hell like?

"The universe is curved and time is only relevant to whatever bit of space you exist in . . . religious teachings were invented by the rich to keep the poor downtrodden. Answers on a postcard."

What were you doing when you heard Kurt Cobain died?

"Why do Americans have such stupid names? Resisting the urge to be flippant . . . he meant nothing to me. Long live sussed bands like Shampoo and others who are not content to pick the bones of rock's corpse. Music has been dead for several years . . ."

And on that jolly note, we bid Dave Whatever-he's-called farewell. For more info on Fountain Software's, er, software, turn to page 9, wherein our illustrious Ed dissects their demos, fonts and things with a slightly rusty scalpel and an ill-fitting surgeon's mask, hastily constructed from an item of underwear and two rubber bands, or something.

Tech Niche

As promised, here's the unflappable ALLAN CLARKSON with some proper techy stuff (at last) . . .

In absence of any letters this month, I've decided to start a feature on screen displaying on the Spectrum. I'll cover it on the SAM at a later date, but for now it's the Speccy. The programs will have to be in machine code as it's far too slow in BASIC. I'll not bore you with complex descriptions of the Speccy's screen structure, you can see that by loading a screen from cassette. The screen is basically a section of memory which is output to your monitor, and it starts at 16384. Thus LOAD "screen" CODE 16384 is the same as .LOAD "screen" SCREEN\$. Anyway, watch a screen build up and that's how it's arranged in memory. The memory section which stores colour starts right after the screen memory, at 22528, and it ends at 23295.

THE FIRST EVER CRASHED PROGRAM!

This first program will copy the memory contents at 30000 to the screen, at 16384. It would help if you loaded in a screen first, using LOAD " " CODE 30000, so it will display a picture and not just loads of rubbish. Type this BASIC loader in, run it, then use RANDOMIZE USR 37000 to display the picture. It's been done many times before, but I worked it out myself. A bit like Clive Sinclair inventing binary in the

1950s only to discover it was already a recognised number form.

```
10 FOR F=37000 TO 37011
20 READ A: POKE F,A
30 NEXT F
40 DATA 033, 048, 117, 017, 000, 064
50 DATA 001, 255, 026, 237, 176, 201
Nifty, eh? In BASIC that'll take as long as loading a screen from tape would. You can relocate the code anywhere in memory, but it will expect the screen to be at 30000.
```

LINES? DON'T TALK TO ME ABOUT LINES.

But that's a bit crap. What about a nice effect? Well, try this, it's basically the same thing but with a bit of a delay so you get a nice lines-building-up effect. But is there a use? There's no need to reset the computer, just type this in, run it and, as before, use RANDOMIZE USR 37000 to get it going.

```
10 FOR F=37000 TO 37029
20 READ A: POKE F,A
30 NEXT F
40 DATA 033, 048, 117, 017, 000
50 DATA 064, 001, 255, 026, 237
60 DATA 160, 062, 000, 060, 254
70 DATA 050, 194, 149, 144, 062
80 DATA 000, 184, 194, 145, 144
90 DATA 185, 194, 145, 144, 201
```

To change the speed, alter the 50 in line 60 to a number between 1 (quick) and 255 (slow).

NUMBER ZERO-ZERO-ONE:

THE LARCH.

You have probably noticed that all the DATA has leading zeros, ie 26 being 026. This makes no difference to the machine code, but it makes error trapping easier. Look at these lines:

```
20 DATA 2, 23, 74, 3
30 DATA 3, 231, 221, 92
20 DATA 002, 023, 0070, 43
30 DATA 003, 231, 221, 092
```

Correct line is 20 DATA 002, 023, 007, 043

Both versions have a similar mistake but which one's most apparent? The system is used in Commodore Format, and I for one think it's rather a jolly thing. Not as jolly as Santa, but - jolly nonetheless.

Next time I'll continue the screen display feature. And if you're lucky I'll dish the dirt on some techy software or something. If you sell techy software then you can send it to me for reviewing if you like. And you regular citizens can bombard me with your deepest problems. Send anything (except bombs) to: Allan Clarkson, Crashed Tech Niche, The Old Coach House, 16 The Avenue, Manston, Leeds, LS15 8JN. But don't forget the secret codeword . . .

WHITTLE'S WIBBLE!

Here's LINDA with some (only slightly irrelevant) top pop reviews . . .

PJ and Duncan a.k.a. - PSYCHE

Please, no. Anything but PJ and Duncan, those cheery, cheesy chappies from Byker Grove. OK, so Let's Get Ready To Rhumble was a bit of a laugh but a whole LP filled with the same chanting and awful lyrics? Of course, thousands of other girlies my age (14, fact fans) will be screaming and yelling over this, but they did over Bros, and look what happened to them. Bros, not the girlies. Although the effects were almost as tragic. Stick to acting, lads, please. PLEASE! And what kind of a name is PSYCHE anyway. Really. Rating: 2 out of five

Madonna BEDTIME STORIES

Appropriate title. This collection of boring, slow, sleepy tracks is perfect for bedtime - it makes you want to fall asleep. Yawn city. Mads, go away, regain that old brilliance you had when everyone liked you and leave me be. Thank you and goodnight. ZZZZZzzzzzz
RATING: 0 out of five

Miss Whittle may return next issue. Or she may not. Depends on whether or not she decides to write something. Sigh.

Public Exposure

Fountain PD Software

DEMOS

Fountain PD Software is described by ubergruppenfuhrer Dave F as "one of those little software houses that is chugging along, writing original leisure/entertainment progs simply for the hell of it. The Ocean of the 90s? I think not." They've been going since late 1992, steadily churning out demos, fonts, utilities, games and, until recently, the lovely Sinclair Classic tapezine. Dave promises that they'll be "doing Speccy stuff come the next century, you can bet cash on it." So let's take a gander at the somewhat packed tape he sent me the other week, eh?

POPSNOG (The Knuckle Girls, Aug 94)

The Knuckle Girls are Amy Pandagirl and Clare Girlzilla (or at least they were before Clare's much-publicized breakdown, thought to be related to an onion overdose, and subsequent disappearance) and pride themselves on being "the UK's only girl coding group" (or at least they did before etc etc). This, their first effort, consists of one screen, a Soundtracker tune and a scrolly. And, er, that's it. Admittedly, it's very well programmed, with an impressively smooth scrolly, which incidentally is very funny indeed in places - a refreshing change from all that badly-translated, Central European "look at me I'm so mad" nonsense (just steer clear if you're offended by bucketloads of swearing, that's all). So fair play and everything



Vaseline. Apparently, this is the K-Girls' idea of being "sensual without being sexist or exploitative." Hmm.

(it's a good half hour's entertainment at least), but how about something with a bit more substance, eh girls?

OVERALL 55%

VASELINE (The Knuckle Girls, Sep 94)

Ah. Um. Well. It's Popsnog with a new screen, a new tune and a new scrolly, basically. (Long pause.) This isn't as easy as it looks, you know - there's very few interesting things you can say about a demo that, to all intents and purposes, you've already reviewed. Er, the screen's a nicely digitized (and only slightly naughty) pic, the tune's an improvement on the last one (and it isn't a port from the Amiga - hurrah!), and the scrolly (quite refreshingly) is extremely rude to Format, Outlet, Chic Computer Club and, er, Nottingham City supporters. I would say something really patronising at this point, like "coming on nicely, keep at it" or something, but I'm afraid I'm just far too nice.

OVERALL 60%

VIZ DEMO (Fudgepacker, Oct 94)

This is Dave F's demo-ing debut, and it features characters from the strangely popular Viz "adult comic", which I've never, ever bought, so (for the first time ever) you can expect a review completely free from any kind of plagiarism of the subject matter. (So it probably won't last very long.)

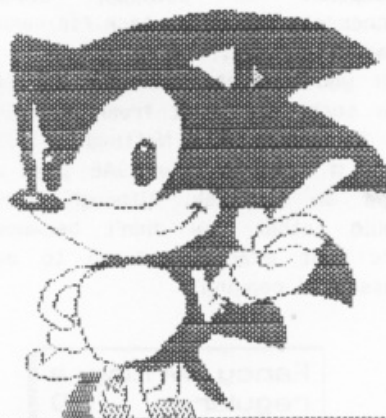
The demo's one of those two-screen jobs. One of the screens is a "greetz" (I'm getting well into these demo terms thing), the other is a digitized (I think) pic from Viz. There are three tunes, at least one of which (the Knuckle Girls remix) is awsome funky. Hurrah!

On the downside, though, there's no scrolly, which detracts from the entertainment value somewhat. Er, (thinks back four years to the Crash preview of the Viz game) fnar fnar!

OVERALL 57%

LOLLIPOP (Knuckle Girls, Nov '94)

Oh blimey. Er, the Lollipop



Popsnog. From left to right, we have Sonic The Hedgehog and Amy Pandagirl. (Apparently Clare was just too immense to fit on to the screen or something, so there you go.

demo consists of nine screens, the first of which is an anonymous 17th century poem, and sets the tone for the rest of the demo. The rest of the demo consists of eight digitized pictures of varying quality, depicting, er, people, um, er . . . um. (Long pause, during which the only sound that can be heard is that of a reviewer trying to describe Lollipop without shocking the very old, corrupting the very young, or sounding extremely prudish.)

Yup - Lollipop is a porn demo. There's not really all that much more that can be said - the picture quality runs from fairly good to illegible, the background tune's fairly nice, you can't complain about it degrading women because it degrades men too, and, well, that's about it. A fair demo marred by poor digitizing, lack of substance and frankly embarrassing subject matter. (Some of us still live with our parents, y'know?)
OVERALL 52%

H-CORE (Fudgepacker, Dec 94)

No, it isn't the sequel to Lollipop, despite whatever impressions the title may conjure up. Instead, this is a collection of four tunes from the "new breed of Speccy musicians", whoever they might be.

Despite the obvious techno

influence, all of the tunes are rather good. However, there's no real graphics, and there's no scrolly. Recommended, but only for Speccy music aficionados.
OVERALL 53%

UTILITIES

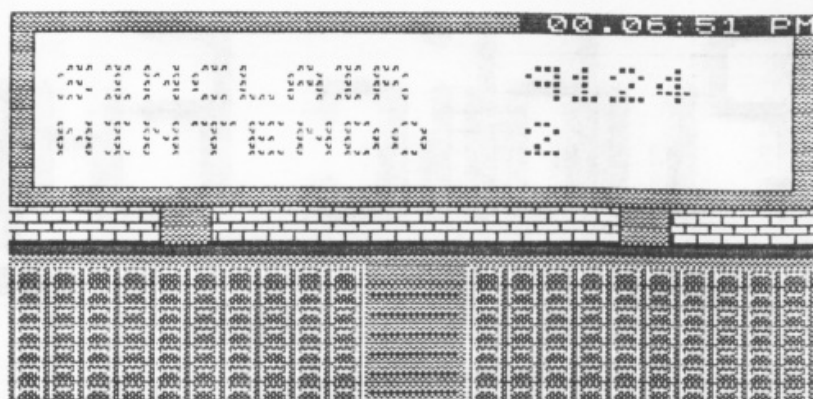
F-FONTS VOL 1/F-FONTS VOL 2 (Fudgepacker, Oct 93/Feb 94)

These are great. Each F-Fonts pack contains twelve new character sets, all of which are stylish, readable and, in short, darn fine. They're really easy to use (you just load them in as CODE files), there's a smart BASIC viewer program included, and, well, top marks all round, really. Short, these positive reviews, aren't they? (And badly-written. A reader) Shut up.

OVERALL 93%

SUBBUTEO SCOREBOARD (Fudgepacker/Peter Dackcome, Jan 94)

Despite having no interest whatsoever in the subject matter, I have to confess to being highly impressed by this. The title says it all - it's a scoreboard for that Subbuteo thingy. There's a real time clock,



Subbuteo Scoreboard. Hoo hoo, we're just a crazy bunch of funsters.

you can pause it at any time, you can declare half or full time whenever you want, there's a bouncy background tune, and it's nice, basically. Very short, these positive reviews, aren't they? (And really quite exceedingly badly written. A reader) Leave me alone.

OVERALL 88%

TAPEZINES

SINCLAIR CLASSIC 10
(Everyone, Jan 95)
Now this makes me weep. For ages I heard nice things being said about Sinclair Classic from all directions, and for ages I kept forgetting to send a tape for it. When I finally saw an issue, it was accompanied by the news that it was going to be the last one. Sniff.

And it really is extremely good. It's beautifully presented, packed with articles about anything you may care to name, passionately (and thought-provokingly) written, and as an added bonus,

features contributions from both Andy Davis AND Martyn Sherwood. Essential. Get the set now.

(Issue 10 also had a free disassembler, written by Jonathan Cauldwell. As I know sod all about this sort of thing, I won't even attempt to review it, but it's probably great.)
OVERALL 98%

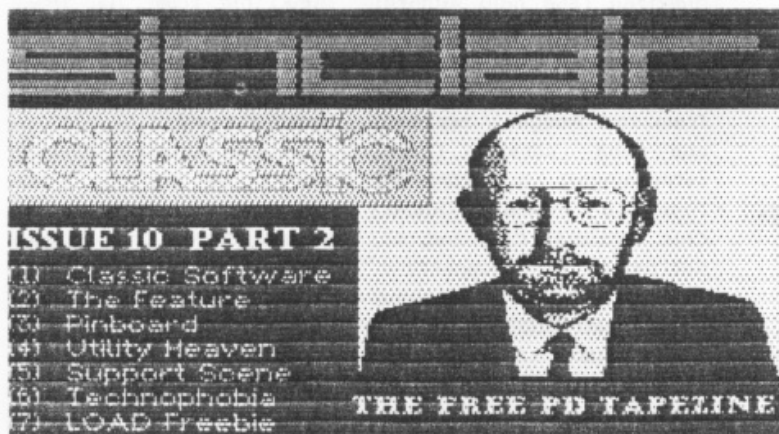
AND THE FUTURE . . . ?

Stuff currently being "tweaked for the masses" includes the London Football Database (mass marketing? Hal), the Junkfood demo (Fudgepacker), the Turtlehead demo (Pandagirl), a third F-Fonts pack, and an adventure game based around Home And Away (oh no).

You can get any of Fountain's catalogue from Prism, Alchemist or Womo in Germany, with the exception of Lollipop, which Alchemist refuse to stock for some reason or other.

If you see fit, you can also get the software direct from Fountain at 2 Belvoir Road, Nottingham NG2 5DL, if you send an SAE plus a tape or 3" disk, although Dave would rather you didn't because he's "not exactly set up to do masses of copying".

Fancy writing a regular PD section? Get in touch.



Clive! Clive! We love you! (Swoon.)

+2A EXTERNAL DRIVES: SORTED!

You remember the +2A external drives: the manual stated that you could get an Amstrad SII interface that plugged into the Expansion I/O port, which you could use to attach up to two 3" drives, effectively turning your computer into a +3. This was the theory. In practice, however, the SII interface has to rank amongst Amstrad's best-kept secrets (along with their reasons for producing the +2 when any sane person would have gone straight on to a disk-based machine. Prats). In fact, Bob Brenchley has claimed that the interface was never even produced. Now however, thanks to Alchemist Research's Andy Davis (whose helpful info I've cobbled together with my own knowledge), the truth can be told...

First, it's important to ascertain what machine you've actually got. If it's black with a black manual, it's a +2A - regardless of what it says on the casing, the box or the spine of the manual. This is crucial, as

the +2A has the +3 ROM/DOS chip inside, which is what it needs to run the disk drive. The grey +2 is basically a Sinclair 128K in a different box, and as such is not +3 compatible. (It has been said that there was a version of the SII with the DOS in it so you could use it with the old +2. Any ideas?)

Getting hold of a drive is fairly easy. JRC Camera Repairs are selling Amstrad drives (ablet untested) at £15 a throw, and there's a number of companies selling drives advertising in PCW Plus (and possibly Amstrad Action).

The real difficulty is getting hold of an SII. It was definitely produced (one of Andy's readers has got the 2-drive set up as mentioned in the manual), but I've never, ever seen one advertized. Your best bet would seem to be to write to Amstrad's Information Centre at 1 St James's Road, Brentwood, Essex, CM14 4LF, or get in contact with some old suppliers (try adverts in YS/SU/Crashed, circa 1987/8) and see if they've got any still mouldering away in the warehouse...

Contribute!

Reviews

The Crashed policy is to cover **Playing Tips**

any currently-available game. Please, please, please write in someone who has the knowledge anything about the VTX5000, released between the end of YS with any tips, cheats, POKEs, and the connections necessary the VTX711 or that and now (ie anything that people maps, problems, whatever - to write a regular section on Hayes-compatible thing, or may not have seen reviewed). In filling a page up with ancient the PD scene, doing reviews on indeed networking (and this particular, on- the SAM it'd be stuff from old mags is really new releases, plus perhaps the includes the SAM too), please nice to see reviews of The doing my head in, I'm afraid. Do odd specialist feature on specific pass on your knowledge. We Witching Hour, Oh No! More you realize that there's never programmers. If you're clued up will settle for nothing less than Lemmings, Football League been a single tip printed on both the SAM and Speccy a ZX80 on the Internet! (Or Manager, WaterWorks 2, Legend anywhere for Dalek Attack or scenes then great, but if you maybe not.) Of Eshan, Sophistry, Exodus, T Nigel Mansell? The same goes only really know about one or 'N T or anything by Supplement for most SAM games - does the other then you could either

anything that may have been quietly re-released on a budget **The Forum**

label (in particular, The Addams It amazes me that I've recieved Spectrum stuff the next. We'll WordMaster files on SAM disk. Family and Manchester United virtually no letters expressing see how (and, indeed, if) it turns +D 3.5" disk (not tape, as the Europe were released just after any kind of opinion since out SAM version of Wordmaster YS finished) or put out by the Crashed started. The won't load or save any kind of programmers themselves, a la SAM/Speccy scene is an Adventures tape, despite having a tape Brendan O'Brien and Jonathan infinitely more interesting place I'm led to believe that function), plus the NotePad Cauldwell. Also, if you can than it was in the days of the adventures are still quite big on word-processor that came on supply screenshots (as SCREEN\$ big mags - let's get a debate the Speccy and SAM - so where Fred 36. The best thing for you files on Spectrum tape or SAM raging, eh? are all the writers? As with PD, to do would be to send it in as if you reckon you know enough many formats as you can, and about the scene (which I'll see which ones will load. I certainly don't) to write a your w/p has a "Save ASCII" disk) then all the better. Oh, and section, get in touch. option, try that. 700-800 words would be an **Tech Niche**

Highly Recommended

Just write a couple of hundred fixers... whatever, however words about your favourite basic or advanced it may be. Communications is the most issue, you get that issue free piece(s) of hardware or software. Write to him at HIS ADDRESS uncovered area of the (or get an extra month on your You can say anything about ON THE TECH PAGE, not mine. Speccy and SAM. The only sub), so in theory you could get them you want - what they do, He's ever so knowledgeable. series there has ever been free copies of the world's about it (other than one-off second-best Speccy 'zine features in Format and the indefinitely! Worth thinking that can be made, fixes for bugs **Public Domain**

- you decide.

While I can run to the like), to my knowledge anyway, about.

occasional feature on PD in is Your Sinclair's Dial Hard, general (like the Fountain one which only ran for a few this issue), Crashed really needs months anyway. If you know someone who has the knowledge anything about the VTX5000, released between the end of YS with any tips, cheats, POKEs, and the connections necessary the VTX711 or that and now (ie anything that people maps, problems, whatever - to write a regular section on Hayes-compatible thing, or may not have seen reviewed). In filling a page up with ancient the PD scene, doing reviews on indeed networking (and this particular, on- the SAM it'd be stuff from old mags is really new releases, plus perhaps the includes the SAM too), please nice to see reviews of The doing my head in, I'm afraid. Do odd specialist feature on specific pass on your knowledge. We Witching Hour, Oh No! More you realize that there's never programmers. If you're clued up will settle for nothing less than Lemmings, Football League been a single tip printed on both the SAM and Speccy a ZX80 on the Internet! (Or Manager, WaterWorks 2, Legend anywhere for Dalek Attack or scenes then great, but if you maybe not.) Of Eshan, Sophistry, Exodus, T Nigel Mansell? The same goes only really know about one or 'N T or anything by Supplement for most SAM games - does the other then you could either

Getting it here

share the column with someone Ah. Tricky. At the moment, the else, or perhaps alternate with only formats that I'm absolutely SAM stuff one issue and certain that I can accept are Spectrum stuff the next. We'll WordMaster files on SAM disk. see how (and, indeed, if) it turns +D 3.5" disk (not tape, as the SAM version of Wordmaster won't load or save any kind of tape, despite having a tape function), plus the NotePad adventures are still quite big on word-processor that came on the Speccy and SAM - so where Fred 36. The best thing for you are all the writers? As with PD, to do would be to send it in as if you reckon you know enough many formats as you can, and about the scene (which I'll see which ones will load. I certainly don't) to write a your w/p has a "Save ASCII" option, try that.

Comms

Finally, if you contribute to an Communications is the most issue, you get that issue free uncovered area of the (or get an extra month on your Speccy and SAM. The only sub), so in theory you could get series there has ever been free copies of the world's about it (other than one-off second-best Speccy 'zine features in Format and the indefinitely! Worth thinking

Games	Rushden Northants NN10 0LE	Fred Publishing (SAM) (see above for address)	Ernastrasse 33 D-51069 Koln Germany	High St Ewelme OX10 6HQ 01491 834403	Orders for address)	Zodiac (SAM, 50p) New House Holbear Chard Somerset TA20 2HS 01460 62118
Apex (SAM) 6 Hunter Rd Arnold Notts NG5 6QZ	Revelation Software (SAM) PO Box 114 Exeter Devon EX4 1YY	KobraSoft (Spectrum/SAM) Pleasant View Hulme Lane Hulme Staffs ST3 5BH 01782 306 244	New hardware BG Services (Spectrum/SAM) 64 Roebuck Rd Chessington Surrey KT9 1JX 0181 3970 763	Ornnidale Supplies 23 Euzron St Derby DE1 2ES 01332 291219	Fred (E2, SAM disk) (See Fred Publishing above for address)	
Discount Games 8a Station Rd Histon Cambridge CB4 4LQ 01223 233890	Soft Options (second-hand) 151 Balsusney Rd Kirkcaldy Fife	Revelation Software (Spectrum/SAM) (see above for address)	Datel Electronics (Spectrum) Govan Rd Fenton Ind. Est. Fenton Stoke-on-Trent ST4 2RS 01782 744 324	Trading Post Victoria Rd Shifnal Shropshire TF11 8AF	Outlet (Spectrum tape/disk) 605 Loughborough Road Birstall Leics LE4 4NJ	User groups Alchemist Research (see Alchemist PD for address) INDUG (see West Coast Orders for address)
Dreamworld (Spectrum adventures) 10 Medhurst Cl Gravesend Kent DA12 4HL	Software Shop (Spectrum) 48 High Street Banfrew Scotland PA4 8QP 0141 885 2761	SD Software (Spectrum/SAM) 70 Rainhall Rd Barnoldswick Lancs BB8 6AB	EEC (Sinclair) 6 Ravensmead Chalfont St. Peter Bucks SL9 0NB 01494 871319	Video Vault Old Kingsmoor School Railway St Hadfield Cheshire SK14 8AA 01457 866555	Prism Power (Spectrum, E2) (see Prism PD above for address)	Independent 8-Bit Association 5 Beacon Flats Telford Shropshire TF1 1RG
Elyzium Software (SAM adventures) 50 Chadswell Hgts Lichfield Staffs WS13 6BH	Spectrum Software Hire (ex. Spectrum) 33 Dursley Rd Trowbridge Wilts BA14 0NW	Steve's Software (SAM) 7 Narrow Cl Histon Cambridge CB4 4XX 01223 235 250	Romantic Robot 54 Deanscroft Avenue London NW9 8EN 0181 200 6870	WIS Electronics Ltd. Studio Master House Chaul End Lane Luton Beds LU4 8EZ 01582 491949	SAM2SAM (E2, SAM disk) The Mount May Hill Ramsey Isle of Man IMB 2HG SAM Prime (SAM disk) 19 Lyme Ave Maccs Cheshire SK11 7RS	Spectrum Profi Club (see Womo PD for address) Spectrum-User-Club Gastackerstr. 23 70794 Filderstadt Germany 01049 711 777142
EDUG (Spectrum) 1 Mapperton Cl Canford Heath Poole Dorset BH17 8AF	Supplement Software (SAM) 37 Parker St Bloxwich Walsall WS3 2LE 01922 406 239	PD software Alchemist PD (Spectrum) 62 Tithe Barn Lane Woodhouse Sheffield S13 7LN 01114 269 7644	West Coast Orders (SAMs and accessories) Format Publications 34 Bourton Rd Gloucester GL4 0LE 01452 412572	Fanzines 8-Bit Mart (all 8-bits) 39 High Street Sutton in the Isle Ely Camps CB6 2RA	SAM Supplement (SAM disk, E2) (See Supplement S/W for address)	Programmers Alan Cresswell 18 West St Geddington Northants NN4 1BD Brendan O'Brien 22 Garron Cr
Everglade (Spectrum) 68 Telford St Inverness Scotland IV3 5LS 01463 240 168	Wizard Games (Spectrum) 1 North Marine Rd Scarborough North Yorks YO12 7EY 01723 376 586	MGPD (Spectrum) 1 Pelham St Sutton in Ashfield Notts NG17 2EF	Spectrum spares and repairs HS Computer Services Unit 2 The Orchard Warton Lancs PR4 1BE 01772 632686	Adventure Probe (all formats, E2) 52 Burford Rd Liverpool L16 6AQ		Jonathan Caldwell 5 Helmsley Dr Eastwood Notts NG16 3RS
F9 Software (SAM) 18 Mill Lane Glenburn Rd Skelmersdale Lancs WN8 8RH 01695 31163	Zenobi (Spectrum adventures) 26 Spotland Tops Culgate Rochdale Lancs OL12 7HX	Prism PD (SAM/Spectrum) 13 Rodney Cl Bilton Rugby CV22 7HJ	JHC Camera Repairs 2 Forge Cottage	Alchnews (Spectrum tape/disk, E1 or free with medium and SAE) (see Alchemist PD for address)	The Thing Monthly (wibble) incorporating Your Thingclair (all 8-bits) 46 High Rd West Felixstowe Suffolk	Larne Co. Antrim N. Ireland BT40 2AT
Fred Publishing (SAM) 40 Roundhill Monifieth Dundee DD5 4RZ 01382 535 693	Serious software Betasoftware (SAM) 24 Wyche Ave Kings Heath Birmingham B14 6LQ	SAM PD (SAM) (see F9 software above for address)	Womo PD (Spectrum)	Format (SAM/Spectrum, £1.50) (see West Coast	ZAT (SAM/Spectrum, £1.50) 33 Dawley Bnk Telford Shrops TE4 2LQ	
Jupiter Software (SAM) 2 Oswald Rd						

WHAT DO YOU THINK OF IT SO FAR...?

Crashed has been around for a bit now, so we thought it was about time you lot made your opinions heard. Here's Allan to explain.

There hasn't been a Speccy or SAM awards ceremony since the downfall of the glossies and I for one reckon that we should have one right now. Put up your hands if you think we should have a readers poll. (Waits for hands to rise). Well, we're going to have one anyway. Fill in the form below and send it to The Crashed Poll, Pear Tree Cottage, North Deighton, Wetherby, West Yorks, LS22 4EN. You might even win a prize for your efforts, but we're not sure what it'll be. Maybe some games or something (Ha ha! Ed). Or a free sub to Crashed (Well, possibly. Ed). Okay, okay, just fill it in anyway, will you?

THE PERSONAL BIT

		_____ years' standing	What do you use your Spectrum for?	Do you regularly buy:
Name	What set-up do you have? (Tick as many as you like.)		Games ()	New commercial Spectrum software ()
Address	ZX80 ()		Adventures ()	New commercial SAM software ()
	ZX81 ()		Utilities ()	Second-hand Spectrum software ()
	Spectrum 16K ()		Programming ()	Second-hand SAM software ()
	Spectrum 48K ()		Comms ()	PD software ()
	Spectrum 48K+ ()		Dabbling with hardware ()	(Tick as many as you like)
	Spectrum 128K ()		Other (please specify)	
	Spectrum +2 ()			
	Spectrum +3 ()			
	Spectrum +2A ()			
	SAM 256K ()			
	SAM 512K ()			
Postcode	QL ()	What do you use your SAM for? (if applicable)	Games ()	Last game bought
	Z88 ()		Adventures ()	Last piece of serious software bought
Age (please tick):	Microdrives ()		Utilities ()	
Under 13 ()	Discovery ()		Programming ()	
13-17 ()	Disciple/Plus		Comms	
18-25 ()	D/DX1 ()		Dabbling with hardware ()	
26-35 ()	Multiface or similar thing ()		Other (please specify)	Last piece of hardware bought
36-45 ()	Something else (please specify)			
46-59 ()				
60+ ()				
Charlie Watts ()				
Spectrum owner of _____ years' standing				
SAM owner of _____ years' standing				

THE CRASHED AWARDS 1995

Best game of 1994	Best serious software of 1994	Best graphics of 1994	Best Spectrum service of 1994
Best game ever	Best hardware of 1994	Best game music of 1994	Best SAM service of 1994
			Programmer of the year 1994

THE CRASHED BIT

What mark out of ten would you give Crashed for the following sections:

Editorial

News

Reviews

Whittle's Wibble

Interviews

Tech Niche

Playing Tips

Post Box

Letters (providing you've got issue 2!)

Public Exposure

Nostalgia Corner

Style/clarity of writing

Style/clarity of design

Overall

Any comments on any (or all) of the above?

Which issues of Crashed have you bought?

How did you hear about Crashed?

Do you think Crashed tends to be:

Too Speccy-orientated ()

Too SAM-orientated ()

Too technically-orientated ()

Too games-orientated ()

What's the best thing about Crashed?

What do you think could be improved? (And don't try that old "It's fine as it is" gag on us. We know we're not perfect just as well as you do!)

If you've not yet contributed to Crashed, why not?

If you've bought Crashed before, how does this issue compare with previous ones:
 Much better ()
 Slightly better ()
 The same standard ()
 Slightly worse ()
 Even worse than that ()

LAWKS - THE COMPETITION!

Which SAM/Spectrum fanzines do you buy on a regular basis? (And what mark would you give them out of ten?)

And that's a wrap. Now just brutally yank this page off the back of the mag (or use a photocopy) and send it to:
 Crashedtionnaire,
 Crashed, Pear Tree Cottage, North Deighton, Wetherby, West Yorks, LS22 4EN.