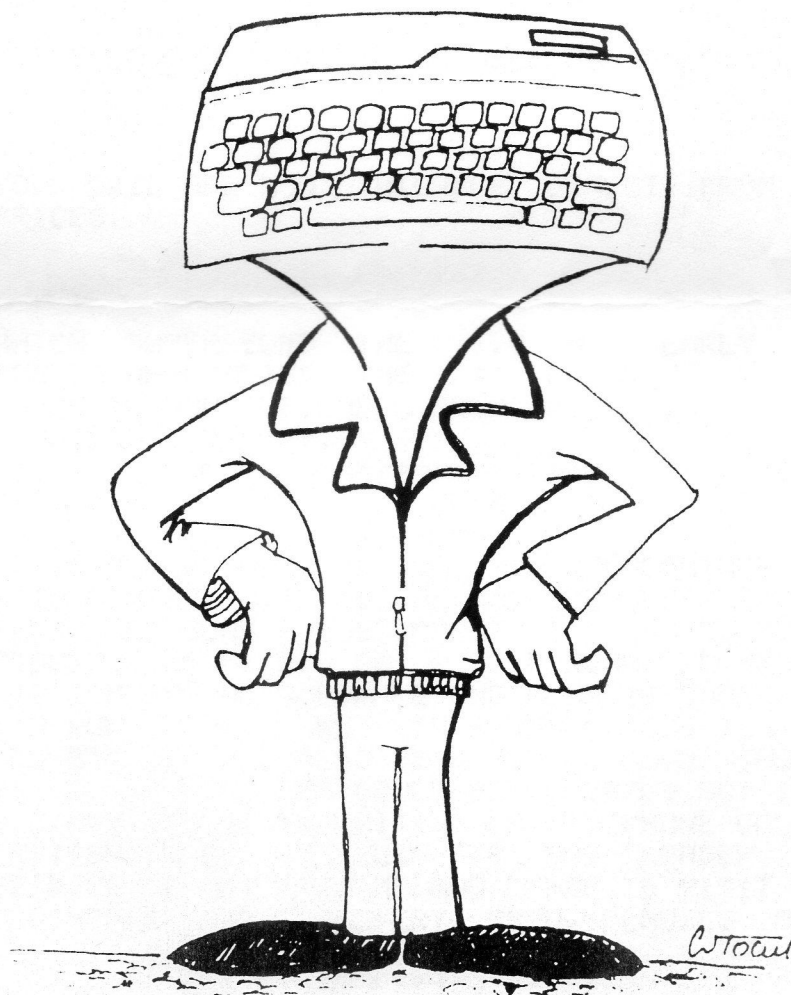


ORIC

USER MONTHLY

Number 37 September 1990



Our editor makes the front cover . . .

Edited and Distributed by Dave Dick, 65 Barnard Crescent, Aylesbury, Bucks HP21 9PW

THE EDITORIAL

HELLO,

AND WELCOME TO THE AUTUMN. AS THE DAYS BECOME SHORTER AND WINTER DRAWS NEAR, SO IS THE TIME TO DUST OFF THE ORIC AND SPEND MORE TIME ON OUR TRUSTY MACHINES.

THIS MONTH'S 'O.U.M.' IS JAM PACKED WITH ARTICLES. THERE WAS SO MUCH SENT IN BY YOU - OUR READERS, THAT MUCH HAS HAD TO BE HELD OVER TO NEXT MONTH. DON'T FORGET THAT ISSUE 38 WILL MAKE US THE LONGEST RUNNING ORIC MAGAZINE AND YOU WILL RECEIVE MANY EXTRA PAGES OF LISTINGS ETC.

THOSE WHO ATTENDED THE 'ORIC MEET' IN AYLESBURY WILL FIND WITH THIS ISSUE A CONTACT LIST OF ALL ATTENDEES. APOLOGIES IF I'VE GOT ANYTHING WRONG WITH IT. PLEASE CORRECT ME IF POSSIBLE.

PLANS ARE CURRENTLY AFOOT FOR THE 'ALTERNATE MICRO SHOW' IN NOVEMBER AT STAFFORD. 'O.U.M.', 'C.E.O.', 'H.G.C.' & 'MIRAGE' WILL ALL BE THERE.

I HAVE BEEN REQUESTED TO ORGANISE ANOTHER 'ORIC MEET'. THIS I WILL GLADLY DO. I WOULD LIKE SOME INDICATION OF WHEN YOU WOULD LIKE THIS TO HAPPEN. PERHAPS JUST BEFORE CHRISTMAS OR SOMETIME IN JANUARY MIGHT SUIT?

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NEWS NEWS NEWS

GRENDL

----- IS NOW AVAILABLE FOR 'ORIC 1' AS WELL AS 'ATMOS' USERS.

U.L.A's

NEW U.L.A's FOR YOUR ORIC ARE NOW AVAILABLE DIRECT FROM 'O.U.M.' - SEE MAIL ORDER SHEET FOR PRICES.

V1.1 ROMS

THE ATMOS ROM WHICH SUPERCEDED THE V1.0 AND EARLY V1.1 ROMS AND WHICH ALLEVIATES THE PROBLEM OF LOADING THE '*' PROGRAM, SO THAT 'ERRORS FOUND' MESSAGE DOES NOT SHOW, IS NOW AVAILABLE FROM 'O.U.M.'. THESE ARE USED ROMS, BUT ARE WORKING - SEE MAIL ORDER LIST.

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A PLEA

AN ORIC 1 USER WHO IS OLD ENOUGH TO BE MY GRANDFATHER (AND I'M NO SPRING CHICKEN), HAS BEEN IN CONTACT WITH ME. HE WAS SEEN OFF WITH REGARD TO PURCHASING A SPARE ORIC 1. THERE ARE SOME ROGUES ABOUT. I SOLD HIM MY ORIC 1 CHEAP. HE IS HOWEVER HAVING PROBLEMS (AS HE DID PRIOR TO PURCHASING MY ORIC), WITH REGARD TO LOADING SOME OF HIS COMMERCIAL SOFTWARE AND ALSO IS UNABLE TO GET LISTINGS THAT HE HAS TYPED IN, TO RUN. I HAVE SENT HIM A SMALL LISTING, WITH EXPLANATIONS ON WHERE TO PUT SPACES ETC. I HAVE ALSO SENT HIM A GOOD CASSETTE TO SEE IF IT LOADS. THE ANSWERS TO HIS PROBLEMS COULD BE NUMEROUS, BUT IN ALL PROBABILITY ARE EASILY RESOLVED, BUT NOT BY LETTER WRITING OR TELEPHONE CALLS. THE GENTLEMAN IN QUESTION LIVES IN IPSWICH AND MY PLEA TO ANY READER WHO IS NEAR TO THE LOCALITY, TO PLEASE RING OR WRITE TO ME AND OFFER TO VISIT HIM AND HELP HIM OUT. THE GENTLEMAN WOULD APPRECIATE THIS VERY MUCH. LADIES AND GENTLEMEN, I AWAIT YOUR RESPONSE.

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LETTERS

THE MAILBAG TO 'O.U.M.' IS HUGE AT TIMES. WHILST REPLYING TO MOST LETTERS FULLY; I SOMETIMES HAVE TO FIND OUT CERTAIN INFORMATION AND CONFIRM IT TO YOU LATER. IF YOU DO NOT GET A FULL REPLY WITHIN 4 WEEKS, PLEASE REMIND ME. SOME LETTERS ARE FOR ALL TO READ AND SUPPLY ANSWERS TO, SO I PRINT THEM. OTHERS DO IN MY OPINION WARRANT PRINTING AS OTHER READERS MAY LIKE TO KNOW THE ANSWERS TO CERTAIN QUESTIONS. AS EDITOR I HAVE TO MAKE THAT DECISION. IF, HOWEVER YOU DO NOT WANT ANY CONTENT OF LETTERS, OR ANY PART-CONTENT OF LETTERS THAT YOU SEND TO ME, TO BE PRINTED IN 'O.U.M.' - PLEASE, PLEASE, TELL ME WHEN YOU WRITE. MARK THE LETTER 'PERSONAL' OR 'NOT FOR PUBLICATION'.

INTERVIEW WITH VINCENT TALVAS (of C.E.O)

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Soon after my return from holiday, I recieved a Phone call from Vincent Talvas, the President of 'Club Europe Oric'. Vincent had been staying with David Hall in BlackPool for the week and wanted to come down to Aylesbury for the last few days of his vacation. This seemed a good opportunity to get an interview with him and also for me to learn more about 'VORTEX'. Manuals are alright, but nothing is as good as Personal tuition. So if this does not print correctly, then blame my teacher.

Question 1

----- What do you think of England?

Answer -- I think the English are very friendly & enthusiastic. About the country itself, it is a very nice one with splendid land - scapes. I like coming here and that is the reason why it is my seventh Journey to England, which removes me from my usual surroundings: it is a different way of life, a different behaviour,

Question 2

----- How old were you when you had your first computer and what was it?

Answer -- I was 13 years old when my father bought me a 48K Atmos. I remember that I saw it at a friend's house and fell in love with it. I was completely amazed by software like 'Zorgon's Revenge', 'Ultra', and 'Triathlon'. I now have a Telestrat as my main machine

Question 3

----- Why did you decide to take over the running of the Club Europe Oric?

Answer -- I did not really decide to do it. When Stephane Sarlande decided in 1986 to stop managing C.E.O, I was the only person to agree to continue, due to the time that is needed to be involved in running of an association. Do not think I was obliged to do it, but I thought that this club was the last chance for Oric to keep running.

Question 4

----- How many Oric owners would you estimate that are left in France now?

Answer -- It is a very difficult question because we do not know how many Orics were sold in France. According to J.C. Talar (ex-manager of 'Oric'/'Eureka'), some 250,000 units were sold, which included 8,000 Telestrats; whereas according to our data, there were only 200,000 units sold, which include 6,000 Telestrats. However, I think that the number of Oric users left is now less than 50,000; but this number could increase rapidly if we found quality software and peripherals, as I am of the opinion that most of the ex-Oric users keep their computer in an attic.

Question 5

----- In Britain a new generation of Oric users has emerged. These are youngsters who have been handed down Orics from older family members or in some cases, people buy them because they are a cheap second-hand machine. Does this occur in France?

Answer -- Yes both of these options occur in France. However there are less people selling their Orics in France as they tend to be very sentimental & may use them as a secondary machine.

In Britain we are lacking in Programmers for new software. Do you have the same Problems in France?

Answer --- We have quite the same Problem in France. Few Programmers for a few items of quality software. If it were not for Daniel Duffau and Thomas GemPP, we would be in a bad Position now. Quality software was written 2 or 3 years ago, but they did not see the light of day, as the software houses were not interested in releasing Oric titles. That is why one of our major aims, is to find these Programmers and their Programs. For example, 'WILLY' was only on the market for about a month due to the bankruptcy of 'Oric International'. Happily we found Daniel Duffau, the author, and 3 months later, 'WILLY' was available once again at a very low Price. Oric Int. originally sold the disc version for 150 francs (#15) and we sell it in France for only 49 fr. (#5).

Question 7

What situation do you envisage the Oric groups being in two and five years hence.

Answer --- The outcome for 'Oric' will depend upon the involvement of the Oric users themselves. If we could succeed in finding very good value software and new Peripherals, Oric could survive a long time. It is possible too that the Oric will become fashionable in a few years because of its advantages. i.e. Good musical capabilities, the basic, the keyboard.....

The Oric continues to be the best computer for beginners and people on a low budget. That is the reason why I think the opening up of the eastern European countries could be an opportunity. We plan to contact the original importer of the Oric into Yugoslavia where 6,000 units were sold, and we are presently in touch with Bulgaria.

Question 8

What did you learn by attending the Oric meeting, which was recently held in Aylesbury?

Answer -- The meeting in Aylesbury was very rich in lessons. I saw how the English Oric owners are "ORICMANIACS". Indeed, I think they are in general, more passionate than the French. The meeting also gave me ideas for organising our French meetings - it was an example to follow

Question 9

What do you do at your meetings in Paris?

Answer -- Our meetings in Paris are quite different. There are no stands, like there were in Aylesbury, but only an area dedicated to the Atmos and another one to the Telestrat. We do demos of Programs, we speak a lot about what it will be worth doing for the C.E.O. We joke a lot too, because we are now friends. It lasts for about five hours and we do not have time to get bored.

Question 10

Do the people of France look upon the Oric as English or French?

Answer -- I personally look at the Oric as French now, because I am very patriotic. It is the same thing with Adidas. I think it is normal to feel a sense of pride. However I think that most French people do not care of the nationality of the Oric. England constitutes a great (and the most glorious) part of the Oric history, as France of course. So Oric is seen as an Anglo-French company, with the French in majority, but it is not important. Now Oric is to one and all - A EUROPEAN CLUB

NEXT ISSUE - THE FINAL GRIPPING INSTALMENT

"ORIC MACHINE CODE"

In this article from Stan Ellison, we look at Machine Code. The second Part will be Printed in the next issue and deals with the Entering & Running of the Program. If you cannot wait till next month, Just send an S.A.E to 'O.U. M' for the second sheet.

In order to write a Basic Program, you need only learn one discipline - that of numbered instructions. The instructions are as close to everyday English as Possible & therefore fairly simple to master. You can teach yourself Basic by trial and error without any knowledge of how the computer works.

In order to write in machine code you need to understand three separate sets of information. All 3 must be fairly well understood before experimenting. They are: 1) How the CPU (Central Processing Unit) handles Data & Memory. 2) What the instructions are & how they are used. 3) How you get your Program into the micro & running.

The CPU, Data & Memory.

The most important Part of the CPU is the ACCUMULATOR. Consider this the operating table of the CPU. Upon this operating table you place numbers. These numbers can be altered, tested, or stored in memory. For those who don't know, the memory consists of approx. 64000 numbered addresses, each containing a number. Memory address 48042 is the top left hand side of your screen. If you type: 'POKE 48042,65' and Press 'RETURN', the letter 'A' will appear on the screen. To do this in M/Code you would load the Accumulator with the number 65, then you would store the contents of the accumulator at the address 48042. How to do this is the next step.

Instructions.

In the 'Atmos' manual (appendix 8, page 262) is a list of what it calls 'OP codes'. These are the instructions you can use in M/Code. In the 'ORIC 1' manual, see P.159 onwards. Look down the list until you find 'LDA'. This is short for 'load the accumulator'. You may wish to load it with a number or the contents of a memory address. There are 8 or 9 options for LDA, depending on which manual you look at. These options are known as 'Addressing modes'. To put the letter 'A' on the screen we want the option that loads a Particular number. This is the 'Immediate mode'. The code for this is #A9. So this is our first instruction: #A9
This must be followed by the number we wish to load, in this case it's 65. So now we have: #A9,65

The next task is to store this number in memory location 48042. The code for 'Store the contents of the accumulator' is 'STA'. My ORIC 1 manual manages to miss this one out all together, but the ATMOS manual gives 7 options. Here comes a tricky bit.

The accumulator can only handle 8 bit numbers. That is numbers up to 255. Numbers larger than that have to be handled in two Parts. The second Part is the number of times 256 can be subtracted from the original, and the first Part is what is left afterwards.

48042 is divisible by 256 on 187 times with 170 remaining, so the address we want we will be written as 170,187. With this type of address we must use the 'Absolute' addressing mode & the code is #8D. This code comes before the address so we get: #8D,170,187

One final instruction is needed to bring the computer out of its machine code mode and back to Basic. This is 'RTS', or 'Return from subroutine'. The code for this is: #60

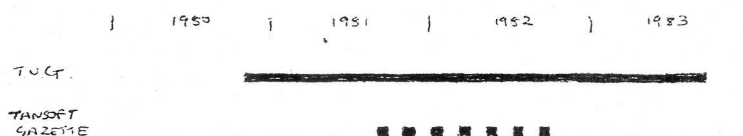
Altogether the Program is: #A9,65
#8D,170,187
#60

All we have to do now is enter it.

While you are waiting for next month's instalment, why not get 'PROGRAMMING THE 6502' by Rodney Zak. It is very thorough & methodical in its approach & contains a good reference section.

RAMBLING IN THE ROM - 18

This being scripted in the hols, I thought I'd repeat last year's literary effort (the final total of Oric books published in the U.K. was 40), and take a look at the magazines that have been published specifically for Oric users. To give a complete story, one ought to start with the forming of Tangerine back in late 1979. Their principal product was of course the 'Microtan' component system (a bit like a hi-fi set-up), and in due course the Tangerine User Group was set up to support the breed. T.U.G. produced its first magazine in November 1981, and continued each month right through to Issue 36 in October 1983. Meanwhile Tansoft in October 1981 produced Issue 1 of the Tansoft Gazette under the editorship of Paul Kaufman. It was a bi-monthly, and ran for seven issues through to October 1982. It was in Issue 6 for August/September 1982 that the first announcement of the Oric-1 appeared. The first hands-on test review appeared in the TUG magazine Issue 31, May 1983. The diagram below charts the lives of these two 'pre-Oric' magazines.

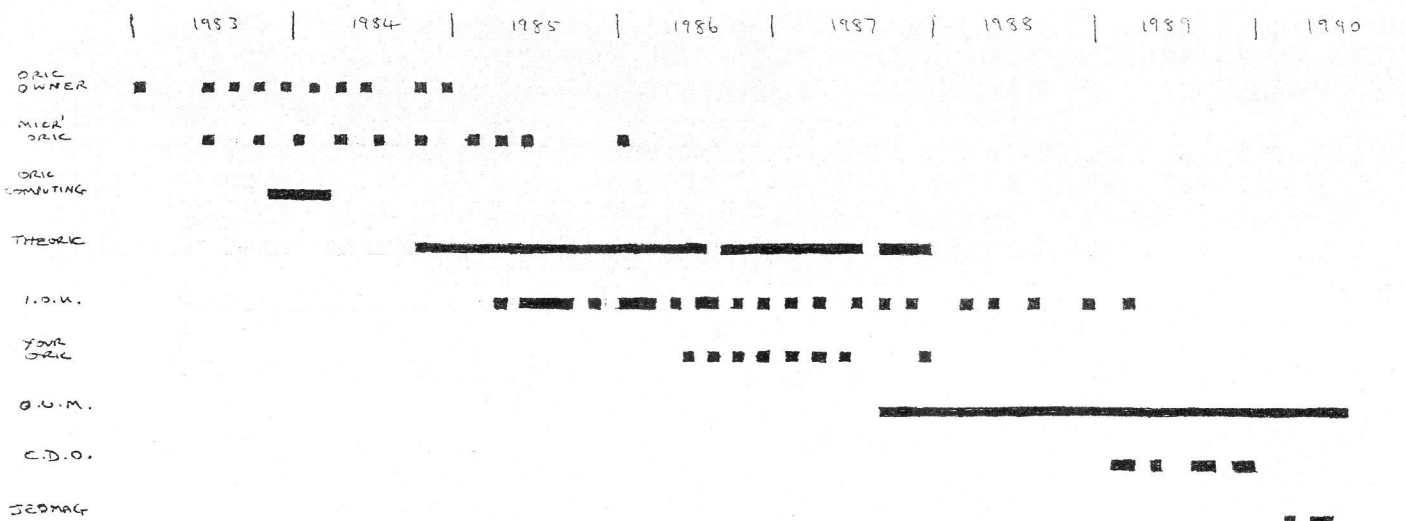


Now to the dedicated Oric magazines. The chart overleaf gives the outline details. First off the stocks, not surprisingly, was Oric Owner, in fact the Tansoft Gazette re-incarnated. The first issue, dated January 1983, was included with each Oric-1 sold. Bi-monthly issues then appeared regularly from June/July 1983 through to Issue 8 in June/July 1984. The plan then was to go monthly and onto the newsstands, but by then Oric's financial difficulties caused the scheme to be aborted. The ninth issue appeared for October/November 1984, and the tenth and final issue for December 1984/January 1985.

Over in France the Oric-1 sold like hot cakes, and the importers, A.S.N. soon produced their own magazine, Micr'Oric. Issue 1 was for June 1983, followed by quarterly issues through to Autumn 1984. Although the early issues were virtually a translation of Oric Owner, the mag rapidly attained its own identity, with some excellent French contributors, principally Fabrice Broche, co-author of Sedoric Dos. Issues 7, 8 and 9 appeared in February, April and June, 1985, and the final Issue 10, issued in late 1985, was dated 'Winter 1986'. By then, of course, Oric had been bought by Eureka and A.S.N. had lost their distribution rights in France. To complete the early trio of mags, TUG changed the mags name to 'Oric Computing' and produced five glossy issues between November 1983 and June 1984.

The next magazine to appear was perhaps the greatest Oric magazine. It was French, and called 'Theoric'. The first issue was published in October 1984, and from the early days it was available on the newsstands in France. It ran without a break (except for the French habit of having a month off in August for the hols) for 37 issues, until December 1987, and provides us with perhaps the best collection of articles and programs ever

provided for the Oric user. In the end it tried to go subscription only, but the response was insufficient to justify continuing publication.



In England the demise of Oric Owner in December 1984 was swiftly followed by the establishment of Gary Ramsey's 'Independent Oric User Group'. The first newsletter appeared in April 1982, and was followed at intermittent intervals of two to three months right through until April 1989, a total of 23 issues. It was the mainstay for Oric users in the U.K. for over 4 years.

In June 1986 a new English magazine was launched by the Thomsom brothers. Called 'Your Oric', it was quite professionally produced, and ran bi-monthly until June 1987. A final issue was produced in December 1987.

Which brings us neatly on to O.U.M. itself. Launched by Robert Cook in September 1987, it has appeared monthly since then, and seems destined to continue indefinitely under Dave's enthusiastic hand. As can be seen from the chart above, we in the U.K. have never actually been without an English Oric magazine since that first issue of Oric Owner. And the French? They lost out during 1988 so far as the printed word goes, although Club Oric International (later Club DiscOric and now Club Europe Oric) was producing its excellent quarterly disc/tape magazine. The printed word returned with the CDO bulletin in February 1989. This ran to 8 issues ending in January 1990. Thereafter, of course, the JEOMAG was launched, the third issue being published in June 1990. It is the only printed magazine ever published in both English and French simultaneously.

So there we are. No less than 140 issues of Oric magazines since January 1983.....unless you know better, of course! As usual, I would welcome information on any publications I've missed. Until next month, when by now you will have realised there is something special to celebrate,

Cheers

Jon Haworth

READER'S LETTERS

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Dave,

I'm using 'AUTHOR' with my 'BROTHER HR5' Printer, but wonder if 'VORTEX' might be better. Can it run on my ORIC-1 ? - NICOL of Bristol

Nicol,

'VORTEX' will indeed run on the ORIC-1 and I will check with Jon to see if it is available through VPC, which is the mail order section of C.E.O. and which has recently made available such classics as ROLAND GARROS, LORIGRAPH & PSYCHIATRIC.

One Problem with 'VORTEX' is the fact that it is in French, along with its manual. However, I believe Jon is working on a translation and I am currently typing up my notes on it after my teach-in from Vincent. It is really a super Program and even includes a 'sort routine'.

=====

Hello Dave,

if anyone is thinking of buying a Printer, Perhaps they might like to consider the 'OLIVETTI DM100-S'.

It is a 9 Pin dot matrix capable of 200cps, with 30 cps at near letter quality, draft & high speed draft. There is a choice of Print Pitches and can Print bold face, underscored & enlarged characters, subscripts and superscripts. It will also handle single sheets, continuous stationery, Paper rolls or tractor feed (supplied). all this for £129.95 incl. delivery and 1 year's on sight maintenance. Interested Parties should contact 'EVESHAM MICROS' on 0386 765500. --- Tim of Kidderminster.

Well TIM,

your typed letter was certainly impressive. A recent advertisement in 'NEW COMPUTER EXPRESS' also states that if you buy an 'OLIVETTI PCS 86 or 286' computer; then you get the Printer FREE! Please don't all rush to sell your Orics!

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C O M P E T I T I O N

LAST MONTH'S WINNER IS DAVID WILKIN AND HE WILL RECIEVE THE BOOK - HE ALSO WON A RECENT COMPETITION FROM C.E.O.

NO COMPETITION THIS MONTH, BUT NEXT MONTH WIN A £5 SOFTWARE VOUCHER FROM 'MIRAGE'.

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A D V E R T I S E M E N T S

FOR SALE

2 Atmos's, 20 assorted tapes, Joystick & interface, Oric Plotter c/w Pens and Paper. Contact: ALLAN FROST on 0952 299699, which is a TELFORD number (STD Program from the P.D. is most useful).

FOR SALE

'ULTIMA ZONE', 'WELCOME TO ATMOS', 'ORIC MUNCH', and 'MULTIGAMES' - offers to Tim Hutchins on 0295 271051, also the book from 'Sinclair' - "Oric -1 & how to get the most from it" at £2.

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REPAIRS

'MICRO COMPUTER REPAIR SYSTEMS' of Kent will repair your Oric for £23 incl. Post and warranty. Ring Dave Poulson at 'M.R.S.' on 0689 73353.

THE CHARTS

Not enough respons to Print a chart this issue; Please make an effort for next month by sending in your top 3 in the following: Arcade, Adventure, Strategy, and Utility.

NOT PAGE THREE

Disassembly of Page Two (continued)

22E-22F	1.0	1.1	Unused
230	1.0		RTI - usual return for IRQ
		1.1	Unused
231-232	1.0		Workspace for IRQ intercept jump address
		1.1	Unused
233-237	1.0	1.1	Unused
238		1.1	JMP #F77C Print character on screen
	1.0		Unused
23B-23D		1.1	JMP #EB78 Get key from keyboard
	1.0		Unused
23E-240		1.1	JMP #F5C1 Send byte to printer
	1.0		Unused
241-243		1.1	JMP #F865 Print to status line
	1.0		Unused
244-246		1.1	JMP #EE22 IRQ routine
	1.0		Unused
247-249		1.1	JMP #F8B2 NMI routine
	1.0		Unused
24A		1.1	RTI - usual return for IRQ
	1.0		Unused
24B-24C		1.1	Workspace for IRQ intercept jump address
	1.0		Unused
24D		1.1	Tape speed, 0 - fast, 1 - slow
	1.0		Unused
24E		1.1	Initial keyboard repeat (slow) norm. #20
	1.0		Unused
24F		1.1	Successive k/board repeat (fast), norm #04
	1.0		Unused
250	1.0	1.1	Unused
251		1.1	Screen print workspace, save cursor authorisation
	1.0		Unused
252		1.1	0, 1 when IF is met, as ELSE pending flag
	1.0		Unused
253		1.1	No. of first valid screen column (0 or 2)
	1.0		Unused
254-255	1.0	1.1	Unused
256		1.1	Width of printer line
	1.0		Unused
257		1.1	Width of screen line
	1.0		Unused
258		1.1	Position of printer cursor in line
	1.0		Unused
259		1.1	Position of screen cursor in line
	1.0		Unused

(to be continued)

SOFTWARE DEMONSTRATED

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Last month we had an introduction to the software that PETER BRAGG demonstrated at the 'Oric Meet'. Now for more information on the Programs.

TOOLKIT/UTILITIES

These 2 utilities are Probably the most useful i've written & are 10 yrs. old. Designed originally for the Tangerine Microtan; they have been used on the Oric, Apple 2e & BBC machines as well. Advantages - very fast & easy to use, mainly single key controls. Best of all they don't have the irritating habit Present in certain commercial software of deciding which Parts of the computer, you are allowed to access. Great for checking out Reset Button Operation.

a) CodeSet

----- Very simple to set any address & it will go there instantly and it will read & write anywhere accessible. Ideal for entering large amounts of code accurately & quickly.

b) CodeScan

----- Gives an "aerial view" of the whole computer memory, mostly in ASCII equivalents. It can be set to "HiLight" required codes, for example, the RTS code 60h, which will then show up every routine in memory, or 00h which will show up all vacant space. It will scan slowly or quickly through memory and can be switched instantly to any Page in memory. It will search out any instruction code anywhere in the Oric's memory in about 2 seconds flat & includes an 8 byte readout line. It can also write code, but the Codeset utility is better for this. One version works well as an Oric disk Editor.

WordProcessor

----- A loose term for what is also used as a Data-base. Treats the memory like a roll of Paper. can Produce & edit multiple column text. Choice of formatted Prints or list form Prints, using Tandy/Oric Printer or Epson Compatible Dot matrix. Files can be Passed to & from the BBC & Archimedes versions. Much improved version on it's way.
Professional C41 Process Simulator

For 24 years I worked with those responsible for Photography for official, state & royal occasions. Speed & high quality were Paramount when dealing with "Number 10" or the Palace. Anyone in the department standing idle was likely to be scorched, soaked & covered in footprints. Process control was an important Part of the Job. The management bought £2400 worth of software for our computer to handle Process control for us, but to no avail. Enthusiasm for computers sank to an all time low. A quarter of the failed software involved essential time consuming testing on the C41 colour negative Process. I then wrote a very successful replacement for this using the Oric. A two hour Procedure could be simulated in seconds with a few key Presses. Not only did it work, but we also found for the first time ever that the system could be fine tuned to our colour Printer's requirements. Interesting Part is that it was written on both the BBC "B" & Oric and would run on both without any mods. Though not looking impressive & taking several months to write, it was nevertheless a real boon and eliminated a tedious task. A good illustration of what the Oric can do.

BBC to ORIC Screen CONverter

----- Done as an experiment & converts the BBC's Mode 4 display to Oric HIRES Display. BBC Mode 4 is used for the "RMX Mouse" software and "EV1" Optical Ram Camera.

Original idea was to Oric & BBC and use them to Produce an Optical Character Reader system, however the fact that the Archimedes display has a similar layout to Oric's and can run a scanner has raised some more interesting possibilities. Display screens were Passed from BBC to ORIC using the 6522VIA Project (P.83 of "Oric Advanced User Guide") linked to the BBC "User Port". It is also worth noting that the Oric can use the BBC Mouse or Trackerball if the 6522VIA Project is wired up as per the BBC "User Port".

MINI-REVIEWS

THIS MONTH WE HAVE MINI-REVIEWS OF 4 TITLES RECENTLY MADE AVAILABLE TO USERS.

"KRYSTAL WORLDS"

This Atmos only, 'Quilled' text adventure from the Pen of Robert Cook is a massive multi-Part game which takes up every K of memory. Though I am not an adventure Player; I do recognise the quality of this effort and thoroughly recommend it to those with hours to spare.

Available now direct from 'MIRAGE' at £2.99 on cassette.

O.U.M RATING: 73%

"ESCAPE"

This effort from Alistair Way is over a year old now and to me appears as the Prototype to the excellent 'GRENDDEL'.

There are 16 screens on each of 4 levels for you to fight through against over 30 different animated enemies. After a few minutes, key control is easy with: rotate left, rotate right, move forward and fire. At this Price you can't go wrong.

Available from 'O.U.M' at £1.99 - cass. or £4.00 on disc.

O.U.M RATING: 68%

"INSECT INSANITY"

Gary Marshall's follow up to 'Rat Splat' is a must for all arcade fans. You are the 'big red boot' guarding the Jam Pot from the slime and destroying 'winky the worm', 'the rabid boot cruncher' and all manner of creatures. Look out for the beautiful butterfly, listen to 'The flight of the bumble bee'. A truly marvellous Piece of software.

Get it direct from 'MIRAGE' on cass. for £3.99 or on disc from O.U.M at £5.50

O.U.M RATING: 92%

"N.H.L ICE HOCKEY MANAGER"

This Norwegian strategy, from the Pen of Arnt Isaksen, entitles you to the 'O.N. PACK' free. On the 'K.O.N' label, this is now available direct from O.U.M. Cassette version is £4.50 or disc is £6.50.

This is similar to the likes of 'THE BOSS' and "LEAGUE CHAMPIONS", but has many added attractions. The reParte with Players when bartering over new contracts is 'realistic' so i'm told. I don't know any Ice hockey Players and therefore cannot vouch for their lack of courtesy. Over the Past few months, Arnt has speeded up certain sections of the game and that helps when waiting for other results. Features include: Play saved game, Check 10 last seasons, Goalscorers, loans, change team, buy Players etc.etc. A lot of effort has gone into this so why not give it a try.

O.U.M RATING: 70%

"JOYSTICK INTERFACES"

NOW IN STOCK both the 'ALTAI' and the 'DK'TRONICS' Programmable Joystick interfaces for your ORIC. Check out the mail order sheet.

"AUTO -STOP ROUTINE"

On the reverse of this Page, you will find an 'auto-stop routine' kindly sent in by Alistair Way. It is tremendously good for backing-up those original tapes and for using Pokes for infinite lives etc. It works where some other routines fail.

"AUTO-STOP ROUTINE"

FIRST OF ALL TYPE IN THE FOLLOWING 3 LINES OF PROGRAM. YOU MAY IF YOU WISH SAVE IT TO TAPE AFTER, SO AS TO SAVE TYPING IT IN EACH TIME. MAKE SURE TO WIND PAST THE "*" PROGRAM FIRST. THIS PROGRAM MUST BE USED FOR EACH PART OF A PROGRAM. IT WORKS ON DISC DRIVE ON ORICDOS, BUT I COULD NOT GET IT TO RUN ON SEDORIC. HERE TRY ALTERING THE MEMORY LOCATION, PERHAPS TO #000.

```
10 A=#400:REPEAT:READC:POKEA,C:A=A+1:UNTILC=#EE
20 DATA#48,#A9,#00,#8D,#AD,#02,#68,#4C,#22,#EE
30 DOKE581,#400
```

NOW TYPE 'RUN' AND PRESS RETURN. NOW TYPE 'CLOAD""' AND PRESS RETURN. START THE TAPE AND LOAD IN YOUR SOFTWARE TO COPY. WHEN LOADED, IF A BASIC PROGRAM, JUST TYPE :CSAVE"filename" AND RECORD. IF A MACHINE CODE PROGRAM, TYPE: PRINTDEEK(#2A9) TO ASCERTAIN START ADDRESS AND: PRINT DEEK (#2AB) TO ASCERTAIN END ADDRESS. SAVE WITH : CSAVE"filename",Axxxx,Exxxx,AUTO where xxxx ARE THE START AND END ADDRESSES. ALTERNATELY TO RUN THE PROGRAM FROM HERE TRY : CALLDEEK(#2A9) or DOKE581,#EE22

VERY VERY LATE NEWS

AS I TYPE THIS, THE LAST PAGE, IT IS THE MORNING AFTER THE NIGHT BEFORE.

ON SAT. 1st SEPT, I WENT TO SEE 'FLEETWOOD MAC' AND 'HALL & OATES' AT WEMBLEY, BUT STOPPED OFF FIRST AT THE 'ALL FORMATS COMPUTER FAIR' IN LONDON.

THERE COULD BE AN ARTICLE SOON IN 'NEW COMPUTER EXPRESS' ON THE ORIC IF THE EDITOR REMEMBERS. ALSO THE RIGHTS TO 'TYRANT' MAY BE MADE AVAILABLE. KEEP READING AND DON'T FORGET 'TETRIX' FROM GERMANY IS NOW FULLY COMPLETE AND SHOULD BE AVAILABLE ON DISC AND CASSETTE ANY DAY. AND ALSO 'ROBINSON CRUSOE', A GRAPHICS ADVENTURE FROM THE C.E.O IS NOW TRANSLATED INTO ENGLISH AND WILL BE AVAILABLE FOR ALL. CONTACT ROBERT COOK, JON HAWORTH OR MYSELF FOR MORE DETAILS.

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THE BACK PAGE

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KLUBB ORIC NORDEN

Set out below is an article by ARNT ERIK ISAKSEN from Norway. The English of ARNT'S was good, but I have tidied up the grammar a little. I sincerely hope that your club keeps going. "LYKE TIL" & over to you ARNT. Firstly, something about 'ORIC' in Norway. The ORIC 1(16k&48K version) were imported into Norway by 'AD Elektronik' in 1983/4. The 48k cost about £280 & 16k about £175. As Norway & the rest of Scandinavia are renowned for being some of the most expensive countries in the world, software was not exactly cheap either, i.e. 'HAPPY LANDING' -£16, 'MOONSTAR' -£15, & 'Xenon 1' -£19.

In the early days of ORIC, 'AD Elektronik' set up a USER CLUB in Norway called 'ORIC EIREN' ('ORIC OWNER in English). The last issue (No 5/6), was released in mid 1984 & had 30 pages. There was also some local ORIC clubs in Norway. By the end of 1985, ESPEN KRØMKE decided to start a club with a magazine. The club's first name was as simple as 'ORIC EIREN' & they released their first issue in January 1986. By issue 4 (April 1986) the club had changed its name to 'O.R.I.C.' 'NORSEA' imported the 'ATMOS' into Norway in 1984&5. Then it became more difficult to get software etc. here in Norway.

Software was also released in Norway, i.e. 'ORIC ENGELSK' by 'AD Elektronik' - in fact the best education I have seen for the ORIC. It is a program designed to help people with English grammar. 'MOON BUGGY' by 'COMPUTER WORLD NORGE' in 1985 is another, & it was on the 'O.n.Pack'.

By mid 1989, I began to think about forming 'KLUBB ORIC NORDEN' as a club for Scandinavian ORIC owners. I telephoned some Norwegian ORIC owners & found much interest & many said they would join 'K.O.N.' But many of those who said they would join, did not in fact do so. Therefore I was left with a club with only a few members. I also contacted ORIC owners by letter, but the club has too few members.

The magazine is released on a bi-monthly basis & the first issue came out in Nov/Dec 1989. The issues consist of news, reviews, tips & articles such as 'THE TELESTRAT'. The first five issues had 8-10 pages & membership costs £5 per year. The last issue will be number 6, which will be a very big issue. I am not sure yet whether I will continue 'K.O.N.' after the sixth issue, but I hope I will. I have recently been on a small raid by sending letters & hoping more people from Scandinavia join the club. I do still have a wish to continue the club, but it is mainly dependant on the response to the 'LETTER RAID'.

The reason for starting the 'K.O.N.' was that I wanted to make something only for Scandinavians. By starting 'O.N. SOFTWARE' I wanted to place Scandinavia on the 'MAP OF ORIC'. Well now you have read a little bit about Norway's ORIC story, CLUB ORIC SCANDINAVIA & ORIC NORDEN SOFTWARE, & I hope you found it quite interesting.

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O.U.M. - ISSUE 38

THE NEXT ISSUE WILL MAKE 'O.U.M.' THE LONGEST RUNNING ORIC MAGAZINE IN THE WORLD. TO CELEBRATE THIS YOU WILL RECEIVE FREE EXTRA SHEETS, CONTAINING LISTINGS, ARTICLES AND MY INTERVIEW FOR 'KLUBB ORIC NORDEN' THAT THEY DARE NOT PRINT!!! ALL ARTICLES FOR THIS SPECIAL ISSUE TO ME BY SEPTEMBER 20th....PLEASE.

MANY THANKS TO ALL WHO CONTRIBUTED TO THIS ISSUE.

LATE NEWS

'TETRIS' FROM FRANCE AND 'TETRIX' FROM GERMANY WILL SOON BE AVAILABLE ON CASSETTE. AREN'T WE BEING SPOILT!!!

LATE LATE NEWS

FOUND

----- IN MY DAUGHTER'S BEDROOM WERE ONE PAIR OF GENTLEMEN'S BOXER SHORTS (WITH A LABEL STATING 'MADE IN THAILAND').

MONSIEUR VINCENT TALVAS, DO YOU WANT THEM BACK AS THEY DO NOT FIT LOUISE??