ØRIC

USER MONTHLY

with Oric Enthusiasts

Oric−1 Launch
10th Anniversary Issue

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THE EDITORIAL

HELLO AND WELCOME TO 1993,
                              AND TO THE TENTH ANNIVERSARY OF THE LAUNCH   OF   THE
'ORIC -1 '.
   WE CELEBRATE WITH THE LAUNCH OF TWO   NEW   TITLES   FOR   YOUR   ATMOS,NAMELY -
'DON'T PANIC' and 'ENCHANTED'.

   THE MASSIVE AMOUNT OF POST AND ORDERS RECIEVED   FROM   MID-NOVEMBER   RIGHT   UP
UNTIL PRESENT HAS BEEN MORE THAN I HAVE BEEN ABLE TO COPE WITH. AS I WAS   ALSO
WORKING UP TO 80 HOURS A WEEK IN THE WEEKS LEADING UP TO XMAS AND ONLY   HAD   A
COUPLE OF DAYS HOLIDAY; I AM SORRY TO REPORT THAT A BACKLOG HAS BEEN AMASSED.
   TO CAP IT ALL I AM ABOUT TO HAVE CHANGES MADE   AT   WORK,WHICH   WILL   MAKE   ME
EXTREMELY BUSY - AT LEAST IN THE SHORT TERM.
   GIVING   OUR   RESIDENT   WRITERS   A   BREAK   OVER   THE   HOLIDAY   PERIOD   HAS
UNFORTUNATELY MEANT MORE TYPING FOR ME AND THERFORE I WILL HAVE TO   MAKE   THIS
ISSUE SMALLER THAN OF LATE.
   WE MANAGED TO SELL OUT OF SOME CASSETTE SOFTWARE,BUT   STOCKS   ARE   NOW   BEING
REPLENISHED. IF YOU HAVEN'T   HAD   YOUR   ORDER   COMPLETED   YET   OR   YOUR   QUERY
ANSWERED THEN PLEASE BE A LITTLE PATIENT. I HOPE TO CLEAR THE CURRENT   BACKLOG
BY THE THIRD WEEK IN JANUARY.
   NOW TO SOME OF WHAT TO FIND IN THIS ISSUE:-

PAGE 1 - THE FRONT COVER FROM JON HAWORTH
PAGE 2 - THE EDITORIAL
PAGE 3 - NEWS
PAGE 4 - RAMBLING IN THE ROM - JON HAWORTH LOOKS AT THE NEW P.D TITLES.
PAGES 5/6/7 - COOK'S CORNER - COLIN LOOKS AT AN IMAGE DIGITIZER.
PAGE 8 - A TAPE CATALOGUE PROGRAM FROM ARTHUR CRAWFORD.
PAGE 9 - THE CHARTS FOR 1992
PAGE 10 - THE GAMESTER
PAGE 11 ONWARDS WILL INCLUDE   A   REVIEW   OF   'ENCHANTED',READERS   LETTERS   AND
WHATEVER ELSE I CAN GET TYPED UP IN THE NEXT 24 HOURS.
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FEBRUARY O.U.M

   ARTICLES FOR INCLUSION IN THE FEBRUARY ISSUE SHOULD REACH ME BY   JANUARY   27
th AT THE LATEST.

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   1992 WAS A YEAR OF INCREASED MEMBERSHIP AND WE WOULD OF BEEN AN   EVEN   LARGER
GROUP IF WE HAD NOT HAD PEOPLE FORSAKING THEIR ORICS.

   SEVEN REGULAR READERS FELL BY THE WAYSIDE AND YET THE 99 READERS OF THE   JAN.
'92 ISSUE HAD STILL SWELLED TO 111 READERS BY THE   DEC.'92   ISSUE.   OF   COURSE
MANY NEW CONTACTS DURING THE YEAR   ONLY BOUGHT   THE   ONE   ISSUE   (THESE   USERS
OFTEN BOUGHT SOFTWARE/PUBLIC DOMAIN). IN ALL A TOTAL OF 50 PEOPLE   READ   O.U.M
FOR THE FIRST TIME IN 1992. WE HAVE REACHED OUT AND MADE CONTACT AND   EVERYONE
IS BENEFITTING FROM THE   INFORMATION/ARTICLES/PROGRAMS   BEING   PASSED   ON.   WE
STILL HAVE MORE TO MAILSHOT,BUT NOT UNTIL I CAN COPE WITH   WHAT   IS   STILL   TO
HAND. I MUST ADMIT THAT I HAVE PROGRAMS NOW THAT I HAVE NOT EVEN LOOKED AT.
   READERS PER ISSUE FOR 1992:-
   JAN. - 99, FEB. - 98, MARCH - 105, APRIL - 107, MAY - 105, JUNE - 104,   JULY
-105, AUG./SEPT. - 114, OCT. - 109, NOV - 113, DEC. - 111

   A NEW CONTACT LIST WILL BE PUBLISHED IN A FUTURE ISSUE.
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NO ORICS IN WASHINGTON D.C
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   HARRY PETERS FROM THE NETHERLANDS WAS RECENTLY IN THE STATES - WASHINGTON   D.
C TO BE EXACT. HE TELLS ME THAT HE LOOKED AROUND FOR SOME   'ORIC'   ACTIVITIES,
BUT SURPRISINGLY DIDN'T NOTICE ANY!
   WELL HARRY - I THINK YOU WOULD OF HAD MORE LUCK IN WASHINGTON,TYNE and WEAR!

A LETTER FROM NIGEL
- ------ ---- -----
"OUT OF INTEREST,I RECENTLY SAW A PAIR OF 'EMULATORS' RUNNING ON AN IBM   P.C.
ONE WAS FOR THE SPECTRUM (COUGH,SPIT!) AND THE OTHER A ZX81. AMAZING   TO   SEE;
AND A 'SNAP-SHOT' FACILITY ENABLED SAVING TO DISC.
   I WONDER IF THIS HAS   EVER   BEEN   DONE   FOR   THE   ORIC?   IT   WOULD   BE   GREAT
INSURANCE FOR THE MACHINES,BECAUSE   EVEN   IF   THEY   EVENTUALLY   CONK-OUT,THEIR
'SPIRIT' WOULD BE ABLE TO LIVE ON. JUST DREAMIN' !
                                                - NIGEL ALEFOUNDER
==

ALL FORMATS COMPUTER FAIRS
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ALL FAIRS 10 a.m - 4 p.m. ADMISSION IS 4 pound for adults and 2 for children. One pound off vouchers for adults are available in some publications or drop me a line and I will send you a voucher with your February O.U.M

FORTHCOMING VENUES
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 JAN 23 - North East - Northumbria Centre,Washington
 JAN 24 - North - Univ.Sports Centre,Calverley St, Leeds
 JAN 30 - NOTTINGHAM - Jesses Boot Centre,University

 FEB 6 - London - Novotel,Hammersmith
 FEB 7 - Wales - Univ.Union,Park Place,Cardiff
 FEB 13 - London - Sandown Park,Esher,Surrey
 FEB 14 - West Midlands - Nat. M/Cycle Museum (J.6 - M42)
 FEB 20 - North West - Haydock Park Racecourse
 FEB 21 - Scotland - City Hall,Candleriggs,Glasgow
 FEB 27 - HEMEL HEMPSTEAD - Dacorum Pavilion,The Marlowes
 FEB 28 - West - Brunel Centre,Templemeads,Bristol

THE ALTERNATE ORIC MEET

IN DECEMBER 1991 A FEW OF US ORIC ENTHUSIASTS,INCLUDING JON HAWORTH,DAVID WILKIN AND ALISTAIR WAY, MET UP AT THE COMPUTER SHOPPER SHOP IN WEMBLEY. WE LOOKED AT ALL THE STANDS DISPLAYING THE LATEST TECHNOLOGY,BOUGHT UP AS MANY 3" DISCS AS WE COULD AFFORD, AND THEN RETIRED TO THE BAR. HERE WE TALKED ORIC AND HAD A THOROUGHLY ENJOYABLE TIME AWAY FROM THE HECTIC SURROUNDINGS THAT ARE GENERALLY ASSOCIATED FOR US WITH THE 'AYLESBURY MEETS'.
ON SATURDAY FEBRUARY 27th IN HEMEL HEMPSTEAD IS AN 'ALL FORMATS FAIR'. IT WOULD BE NICE TO MEET UP WITH ANYONE WHO WOULD LIKE TO APPEAR. I HAVE ALREADY ASKED JON AND CHRIS HEARN. IF YOU WOULD LIKE TO MEET UP THEN JUST DROP ME A LINE SO THAT WE CAN ARRANGE A MEETING POINT - PREFERABLY NEAR THE 'FLOWERS' BITTER.
MAKE IT A DAY OUT WITH THE WIFE IF YOU LIKE! THERE IS A NICE SHOPPING CENTRE IN HEMEL,WHERE YOU CAN 'DUMP' HER!   CRIES OF "MALE CHAUVINIST PIG"!

DON'T PANIC !

DON'T PANIC FOLKS - IT IS HERE!
THE NEW GAME FROM THE PEN OF JONATH BRISTOW IS ON IT'S WAY TO ME,AND IF IT ARRIVES PRIOR TO FINISHING OFF THIS ISSUE,THEN WE WILL GIVE MORE DETAILS.
IN SUMMARY,IT IS A 'STACK-UP' CLONE AND I MUST ADMIT THAT I AND RESIDENT GAMES FREAK HENRY MARKE WERE WELL IMPRESSED WITH THE PREVIEW.
JONATHAN TELLS ME THAT WE WILL HAVE NO TROUBLE IN PRODUCING CASSETTE VERSIONS

ENCHANTED

'ENCHANTED' - THE SEDORIC DISC ONLY ADVENTURE FROM DAVID GOODRUM IS OUR FIRST RELEASE FOR 1993.
ELSEWHERE IN THIS ISSUE YOU WILL FIND A REVIEW FROM PETER THORNBURN.

 PRICE ON 3" DISC IS 4.50
 PRICE ON 3.5"/5.25" DISC IS 3.50

SPECIAL OFFER: - ALL ORDERS RECIEVED BY JANUARY 31st WILL RECIEVE A FREE COPY OF DAVID'S SUPER MUSIC INDEX PROGRAM FOR CATALOGING THOSE LP's/CD's etc.

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CLUB EUROPE ORIC DISC - WINTER 1992
---- ------ ---- ----
I HAVE JUST RECIEVED THE LATEST CEO SOFTWARE DISC. FOR THOSE YOU HAVE NOT JOINED,HERE IS A RESUME OF WHAT YOU ARE MISSING.
 SOFTFILE - is a nice program for cataloguing your disc software. Written by Daniel Duffau of 'WILLY' fame - gamesters will know what I mean; this is something I will use to store info. on my 3.5" collection. There is no way that I am prepared to re- input my 3" data.
 HARDCOPY - is something that I have not looked at.
 MAX HEADROOM - is another picture for your collection.
 FORMULE 1 - is an excellent motor racing game. Is it the best around? Hang on while I have one more try on young Matthews 'BURNING RUBBER' on his AMSTRAD GX4000 games cosole!

AROUND THE WORLD IN 80 DAYS - is an Englisg translation of a 'NO MANS LAND' title. I had a quick play with this and want to try again. A good role-playing theme with basic graphics. FUN!
HOLLYWOOD DIRECTOR - this Norwegian game has recently been sent to me for inclusion on the next O.U.M disc.
 First impressions are that it is like the Norwegian Football team's forwards - SLOW !

RAMBLING IN THE ROM - 45

You'll recall that this is is my truncated month, so to celebrate I've had time to add a few programs to the P.D. library - here goes:

CPD-87   H-PLANS   19k   50p

If you know what this means it's for you - 'Heliocentric and geocentric planet co-ordinates'. It's very well produced.

CPD-88   PC TRANSFER   21k   50p

This is the Forth program that as a result of OUM/CEO co-operation enables you to transfer PC files onto Sedoric formatted discs. You do not need Forth to run it, it is self executing and you wouln't know it was done in Forth if I hadn't told you!

CPD-89   DOPPEL   12k   50p

This is the famous Doppelganger Demo from the old Oric Computing magazine - full of sound and visual effects.

CPD-90   C.D.A.   7k   35p

An excellent character designer, its particular forte being that it enables you to redesign the alternate character set as well.

CPD-91   MORSE 2   6k   30p

A chance to practie the morse you learnt with CPD-61.

CPD-92   SUPEREV   3k   15p

Another cracker - an infuriating alphabet puzzle.

CPD-93   PICS   75k   50p   DISC ONLY

A selection of superb screens from André Whidani, transferred from his P.C. Our first PD disc of pictures.

If you want an order form, just drop me a line at 3, Madingley Road, Cambridge CB3 0EE.

Club Europe Oric

As members already know, this is the time of year for annual renewals. This year, as a special offer to the many new readers of OUM, a full year's subscription is available during January only at a 10% reduction. That means £10 only for 12 issues of the laser-printed magazine, or £20 only if you add to that 4 discs of software (about 25 programs over the year). For those who can resist the bargain of the year, it'll cost you £11 and £22 from February!

A Happy New Year to all   Jon Haworth

I HAVE HAD VARIATIONS ON THE
ACCOMPANYING PROGRAM AROUND FOR
YEARS,AND OVER CHRISTMAS HAVE HAD
TIME TO TIDY IT UP FOR OTHERS TO
USE. IT IS A RATHER UNUSUAL WAY TO
GET IMAGES INTO THE 'ORIC',USING A
PRINTER AS THE SCANNING DEVICE.
THE PROGRAM IS CONFIGURED FOR A
CGP115,WHICH MEANS IT SHOULD WORK
FOR THE MCP40 AS THE CONTROL CODES
ARE IDENTICAL. IT SHOULD NOT PROVE
TOO DIFFICULT TO ADAPT IT FOR USE
WITH A GRAPHICS-QUALITY DOT MATRIX
PRINTER IF THE PRINT HEAD CAN BE
MOVED IN SMALL INCREMENTS.
   THE PICTURE OF THE CAT IS A
SCREEN DUMP USING MY NEW PRINTER —
A CANON BJ10e. THE 'HIRES' PICTURE
WAS COPIED USING THE 'IMAGE
DIGITIZER' PROGRAM FROM AN ADVERT
IN 'RADIO TIMES',AND SHOWS HOW
EFFECTIVE THE TECHNIQUE CAN BE FOR
SOMEONE WHO CANNOT DRAW A THING!

— COLIN COOK.

IMAGE DIGITIZER -- Instructions

WOT, NO MOUSE?

This program allows the CGP115/MCP40 plotters to trace a picture inserted into
them. Instead of an image appearing on tracing paper, it appears on the Oric
screen, and may be saved, modified with a graphics utility, or dumped to a
printer.

Preparation

The edges of the picture to be digitized must be drawn on the picture to the
same width and height ratio (in pixels) as the Oric HIRES screen, which for the
CGP gives a picture size of 96mm * 80mm.
The picture then has to be cut from the page or photocopy at the standard width
of the plotter paper roll (114mm), allowing for the margins, which are 7.5mm for
the left and 10mm for the right (approximately). Mark the centres of any circles
with a small cross.

Initialising

Place the plotter at eye level in good light. Remove paper roll.
Switch on plotter and allow start-up routine to complete. Rotate pen holder to
empty position.
Run program.
Insert drawing from paper roll position and press "Paper Feed" until drawing
appears.
Using the arrow keys, move drawing up or down until the top edge of the drawing
coincides with the centre of the hole in the pen holder guide wheel (hereinafter
referred to as the 'printer cursor').
Press "I" to initialise (set Home position).

A small dot appears at the top left hand side of the hires screen. This is the
graphics cursor which can be moved around the screen using the arrow keys, while
the printer cursor follows it.
There are three modes that the graphics cursor can be in:-
1) 'Move' mode, where the cursor is displayed in the inverse of the image
colour, appearing white on a black screen and vice versa. Any lines or cicles
drawn will give inverted effects as they cross previously drawn areas.
2) 'Draw' mode, where the cursor leaves a line in foreground colour, and lines
and circles are drawn in foreground colour.
3) 'Rubout' mode, where cursor movements, lines and circles are presented in
background colour.
Each mode is selected by pressing keys M,D or R. The mode is displayed on screen
at the time of selection.

Lines are drawn in the current mode by moving the printer cursor to the start of
a line in the picture, pressing key S, moving the printer cursor to the end of
the line and pressing L to draw the line. Curves may be followed in this manner
by repeatedly pressing L and S, building the curve from many short straight
lines.
Circles are drawn in the current mode by pressing C instead of L, where the
starting point becomes the centre of the circle. All of the circle must be
within the screen area.

The dot pattern of lines or circles drawn can be altered by pressing X and then
entering the pattern value, e.g. 85 for dotted, 255 for solid line (default),
followed by RETURN key.

Adjustments can be made to the position on the screen at which objects traced
can appear.
Pressing key P locks the screen cursor position and allows the printer cursor to
move. Key T locks the printer cursor and allows the screen cursor to move.
The two cursors can be brought back in concert again by setting each on the same
reference point on picture and image, the pressing M to restore movement to
both.

The digitized image can be stored on disk or cassette by quitting the program
with ESC key, and typing the direct command !SAVE or CSAVE, followed by the
filename, A#A000,E#BF3F. The HIRES pictures can be loaded back for further work
later.

Finally, there is a choice, at the start of the program, for creating drawings
either on a normal scren (white foreground, black background) or on an inverse
screen, which simulates drawing with ink on white paper, although with the
latter choice, any colours added later will appear in inverse colours.

Tips for good results
----
1) Convert to Draw mode before drawing lines and circles.
2) Overdrawing lines and going into Move mode can cause holes in lines. Lines
should just touch.
3) Oric circles are not symmetrical around the centre. Use the left hand edge
for positioning a circumference.
4) Experiment!
5) The sequence MRM is required when changing from Rubout mode to Move mode.
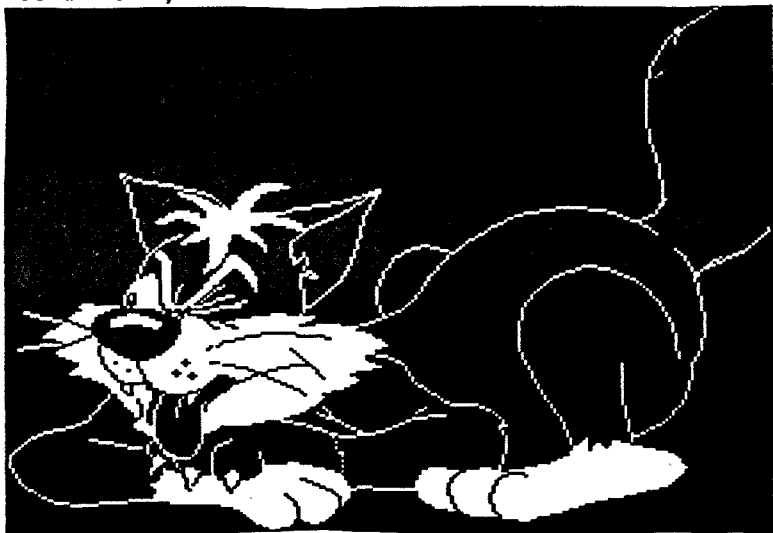
```
O EDIT LINE 40 FOR CASSETTE USE.
10 L1$=CHR$(13)+CHR$(14):PAPER0:INK7
20 HIRES:PRINT "Load HIRES picture (Y/N) ";:GET H$:PRINT CHR$(11);L1$;
30 IF H$<>"Y" THEN 45
40 INPUT "Picture name:";P$:PRINT CHR$(11);L1$;:!LOAD P$:GOTO60 'or CLOAD
45 WAIT25:PRINT "Normal or Inverse (N/I)? ";:GET H$:PRINT CHR$(11);L1$;
50 IF H$="I" THEN CURSET0,0,3:FILL 200,40,192:GOTO60
55 IF H$<>"N" THEN 45
60 LPRINTCHR$(18):POKE#26A,42:M$="PRINTER MOVE":PATTERN 255 'solid lines/circl
80 CLS:PRINTCHR$(30);M$
100 PRINT"M:Move  D:Draw  R:Rubout  T:TV move"CHR$(27)"QESC "
120 PRINT"P:Pen move S:Start L:Line  ";CHR$(27)"QCursor keys"CHR$(30);
140 XT=0:YT=0:XP=0:YP=0:FB=2:TV=0:CGP=1:CURSET0,0,1
160 DOKE#24E,268 '784 for slower response
180 GETA$:A=ASC(A$)
200 IFA>11THEN320ELSECURSETXT,YT,FB
220 IFA=8THENXT=XT+(XT>0)*TV:XP=XP+(XP>0)*CGP:GOTO300 'cursor left
240 IFA=9THENXT=XT-(XT<239)*TV:XP=XP-(XP<239)*CGP:GOTO300 'cursor right
260 IFA=10THENYT=YT-(YT<199)*TV:YP=YP-(YP<199)*CGP:GOTO300 'cursor down
280 IFA=11THENYT=YT+(YT>0)*TV:YP=YP+(YP>0)*CGP 'cursor up
300 CURSETXT,YT,2:LPRINT"M";XP*2;",";-YP*2:GOTO180 'move printhead 2 pixels
320 IF A=27 THEN 800 'ESC to end
340 IFA=68THENFB=1:CGP=1:TV=1:M$="DRAW":PRINT L1$;"MODE:";M$;
360 IF A=73 THEN GOSUB 750
380 IFA=77THENFB=2:TV=1:CGP=1:M$="MOVE":PRINTL1$;"MODE:";M$;:CURSETXT,YT,2
400 IFA=82THENFB=0:M$="RUBOUT":PRINTL1$;"MODE:";M$;
420 IFA=83THENGOSUB 650 'S starts line
430 IF A=67 THEN GOSUB 600 'C = circles
440 IFA=76THENDRAWX1-XT,Y1-YT,FB:PRINTL1$;"MODE:";M$;:CURSET XT,YT,3
460 IFA=80THENCGP=1:TV=0:PRINTL1$;"PRINTER MOVE";
480 IFA=88 THEN GOSUB 700 'X for pattern
500 IFA=84THENCGP=0:TV=1:PRINT L1$;"TV MOVE";:FB=2
520 GOTO180
600 RA=X1-XT:RA=RA*RA:RB=Y1-YT:RA=SQR(RB*RB+RA)
610 CURSET X1,Y1,3:CIRCLE RA,FB:RETURN
650 X1=XT:Y1=YT
660 PRINT L1$;"START LINE AT (";MID$(STR$(X1),2,4);",";MID$(STR$(Y1),2,4);")";
670 RETURN
700 PRINTL1$;:INPUT "Pattern:";PX:PATTERN PX '0 to 255 for dot/dash patterns
710 PRINTCHR$(11);L1$;"MODE:";M$;
720 RETURN
750 LPRINT"I":XP=0:YP=0:PING:TV=1:CGP=1:FB=2 'sets printer (0,0) position
760 M$="MOVE":PRINT L1$;"MODE:";M$;
770 RETURN
800 CURSET XT,YT,2:LPRINT"A" 'returns printer to text mode
810 CLS:PRINT:PRINTL1$;"HIRES #A000 to #BF3F";
820 END
```

CLOAD "THE MOUSER" for HIRES picture

NOTE: "THE MOUSER"
PICTURE WILL BE ON
OUMDISC No. 2.

TAPE CATALOGUE PROGRAM

THE FOLLOWING LISTING WAS SENT IN BY ARTHUR CRAWFORD AND SHOULD PROVE MOST USEFUL TO CASSETTE USERS.

```
2 REM TAPE 20, SIDE 1, 000
3 :
10 REM CATALOUGE
11 INK 7:PAPER 0
21 FORI=1TO4:POKE48035+I,32:NEXT
31 CLS:FF$="Running":CC$="Press E to EXIT or other to cont"
34 X$="To print press P else any other"
36 FORI=1 TO 31:POKE I+48002,ASC(MID$(X$,I,1)):NEXT
38 GET K$:PR$=K$
39 FORI=1 TO 32:POKE I+48002,32:NEXT
41 PRINTCHR$(4)
51 PRINTCHR$(27)"J       Tape Catalogue"
61 PRINTCHR$(4):PRINT
71 PRINT"Tape speed (F or S) ?";:GETA$
81 PRINTCHR$(14)CHR$(13);
91 IFA$<>"F"ANDA$<>"S"THEN 71
101 IFA$="F"THENPOKE#24D,0ELSEPOKE#24D,5
111 POKE#27F,0:'FORCE NULL I/P SEEK STRING
121 PRINT
131 Q=1
141 REPEAT
151 FORI=1TO7:POKEI+48002,ASC(MID$(FF$,I,1)):NEXT
161 CALL#E76A:' SET UP 6522
171 CALL#E4AC:' LOAD IN HEADER
181 CALL#E93D:'RESET 6522 STATUS ETC
191 N=#0293
201 PRINTQTAB(6);
211 Q=Q+1
221 IF PEEK(N)=0THENPRINT"** Un-named file **";:GOTO 271
231 REPEAT
241 PRINTCHR$(PEEK(N));
243 IF PR$="P" THEN GOSUB 700
251 N=N+1
261 UNTIL PEEK(N)=0
271 PRINT:IF PR$="P" THEN LPRINT
281 PRINTTAB(8);
291 A$=CHR$(PEEK(#25E))
301 IFA$="B"THENPRINT"BASIC file";
311 IFA$="C"THENPRINT"Machine code file";
321 IFA$="S"THENPRINT"BASIC String array";
331 IFA$="I"THENPRINT"BASIC Integer array";
341 IFA$="R"THENPRINT"BASIC Real array";
351 PRINT
361 PRINTTAB(8);"START = "HEX$(DEEK(#2A9));
371 PRINTTAB(25)"  END = "HEX$(DEEK(#2AB))
372 IF A$="B"AND PR$="P" THEN GOSUB 500
374 IF A$="C"AND PR$="P" THEN GOSUB 540
376 IF A$="S"AND PR$="P" THEN GOSUB 580
378 IF A$="I"AND PR$="P" THEN GOSUB 620
380 IF A$="R"AND PR$="P" THEN GOSUB 660
381 FORI=1 TO 32:POKE I+48002,ASC(MID$(CC$,I,1)):NEXT
391 GET ZZ$
401 FORI=1 TO 32:POKE I+48002,32:NEXT
411 UNTIL ZZ$="E"
420 END
500 LPRINTTAB(5)"BASIC file";
510 LPRINTTAB(25)"Start="HEX$(DEEK(#2A9));
520 LPRINTTAB(50)"END="HEX$(DEEK(#2AB))
530 RETURN
540 LPRINTTAB(5)"Machine code file";
550 LPRINTTAB(25)"Start="HEX$(DEEK(#2A9));
560 LPRINTTAB(50)"END="HEX$(DEEK(#2AB))
570 RETURN
580 LPRINTTAB(5)"BASIC string array";
590 LPRINTTAB(25)"Start="HEX$(DEEK(#2A9));
600 LPRINTTAB(50)"END="HEX$(DEEK(#2AB))
610 RETURN
620 LPRINTTAB(5)"BASIC integer array";
630 LPRINTTAB(25)"Start="HEX$(DEEK(#2A9));
640 LPRINTTAB(50)"END="HEX$(DEEK(#2AB))
650 RETURN
660 LPRINTTAB(5)"BASIC real array";
670 LPRINTTAB(25)"Start="HEX$(DEEK(#2A9));
680 LPRINTTAB(50)"END="HEX$(DEEK(#2AB))
690 RETURN
700 LPRINTCHR$(PEEK(N));
710 RETURN
```

T H E   C H A R T S

TH CHARTS LISTED BELOW ARE BASED ON SALES FOR THE WHOLE OF 1992,AND INCLUDE ANY ORDERS NOT YET PROCESSED (A COUPLE OF ORDERS WERE RECIEVED ON XMAS EVE AND OTHERS I'HAVE HAD TO GET NEW STOCKS OF).
TOTAL UNITS WERE 250 AND CONSIST OF CASSETTE AND DISC.

TOP 3 OVERALL

1) TETRIX - Mirage Software (13 sold)
2) ZEBULON - Mirage/JCB Techniqs (11 sold)
3) WORDWORTH - Mirage/HCG (9 sold)

Comments: - MIRAGE (our very own software house scooped top placings). Well done to Andre Widhani and Jonathan Bristow for producing such excellent titles.

TOP ARCADE

1) TETRIX , 2) ZEBULON , 3) PASTA BLASTA , 4) MANIC MINER , 5) DAMSEL IN DISTRESS , 6) GRAND PRIX , Joint 7th - GALACTOSMASH, XENON I , SCUBA DIVE , ULTIMA ZONE and ZORGON'S REVENGE (4 units OF EACH SOLD), Joint 12th - KRILLYS, LONE RAIDER, HARRIER ATTACK,PLAYGROUND 21, TROUBLE IN STORE, HELLION, and ZEBBIE
   COMMENTS:- Nice to see the old favourite PASTA BLASTA figuring prominently and of course it does work with your ALTAI joystick interfaces.

TOP ADVENTURES

1) THE LAST WARRIOR , 2) BUCCANEER , Joint 3rd - THE HOBBIT, KRYSTAL WORLDS and THE HAUNT.
   COMMENTS: - THE LAST WARRIOR (A French Adventure was translated into English by Jon Haworth) is now set to be released in France.

TOP SIMULATION

1) IJK CHESS , 2) TRICKSHOT , 3) 3D OXO/BACKGAMMON

TOP UTILITIES

1) WORDWORTH , 2) SHARED-ODED , 3) ACCOUNT BOOK

OTHER CATEGORIES

STRATEGY BEST SELLERS - GOLDMINE,SPECIAL OPS, AIRLINER,JOHNNY REB and PARAS.
EDUCATIONAL - CANDYFLOSS/HANGMAN, FRENCH and SPANISH LINKWORD, CAN YOU COUNT / SPELL and STORY BOOK.

SUMMMARY
-------- - ANOTHER BUSY YEAR AND PROOF THAT OUR OLD ORICS ARE NOT DEAD. IN ALL OVER 100 DIFFERENT TITLES WERE SOLD.
WHAT WILL 1993 BRING? WATCH OUT FOR 'ENCHANTED', 'DON'T PANIC', 'SAUSAGES' and WHATEVER ELSE YOU THE READER CAN PRODUCE.

                                                        - DAVE DICK

===

HI-SCORES

A LOT OF NEW HI-SCORES HAVE ARRIVED HERE IN THE GAMES ROOM,AND I LEAVE YOU TO GUESS WHO IS RESPONSIBLE FOR MOST OF THEM. UPDATES APPEAR BELOW,AND A NEW FULL LIST WILL BE PUBLISHED IN THE NEXT ISSUE.

VIDEO FLIPPER - 55,350 (GRAEME BURTON)..... SINGERIE/ANTICS - 72,481 (G.B)
LONE RAIDER - 13,775 (G.B).... CHOPPER - 60,000 (G.B)
INSECT INSANITY - 40,000 (G.B).... LUNAR MISSION - 13,129 (G.B)
ZOOLYMPICS - 13,677 (G.B).... BERING - 168 DAYS (G.B)
MAZE RALLY - 88,920 (G.B)..... GRID WARRIORS - 55,494 (G.B)
SUPER METEORS - 364,700 (G.B).... DRACULAS REVENGE - 13,600 (G.B)
LOCHNESS MONSTERS - 14,683 (G.B)
QUACK A JACK - 95,671 (COLIN COOK)
MAHJONG - 16,200 (HENRY MARKE) - LEVEL 5 IS CLEARED TWICE TO GIVE 6 LEVELS IN TOTAL AND THEN THE GAME FREEZES.
ZEBULON - ALL SCREENS COMPLETED IN 8 MINUTES (HENRY MARKE)
MLUCH - 22,000 - ALL 18 LEVELS WITH 7 LIVES LEFT (HENRY MARKE)
GOLDMINE - 60,900 WITH 5 LIVES LEFT. (HENRY MARKE) AS THE GAME HANGS-UP AFTER LEVEL 20; HENRY THEN RE-STARTS FROM LEVEL 20 AND THUS CAN COMPLETE ALL 35 LEVELS. BY PLAYING LEVEL 20 TWICE HE ACTUALLY CLEARS 36 SCREENS.
OLIVE AND POPEYE - 69,570 (RENE MARKE)

'QUACK A JACK' TIP

A TIP FROM COLIN COOK - THE TRICK IS TO PAUSE THE GAME AND WORK OUT A ROUTE TO THE EGG BEFORE MAKING A DASH FOR IT.
===

DON'T PANIC IS HERE....DON'T PANIC IS HERE.....DON'T PANIC IS HERE

AS WE GO TO PRESS I HAVE RECIEVED THE FINISHED VERSION OF 'DON'T PANIC', AND MOST ADDICTIVE IT IS. THE COUPLE OF POINTS THAT I MENTIONED TO JON B. TO ENHANCE THE GAME HAVE BEEN INCLUDED AND AFTER 3 GAMES I MANAGED 347 POINTS.
NO TIME FOR A FULL REVIEW,BUT INSTEAD SOME INFO. FROM THE INSTRUCTION SHEET.
SCENARIO
-------- - SIMILAR TO 'TETRIS/TETRIX',THIS PUZZLE GAME INVOLVES DIFFERENT SHAPES FALLING FROM THE TOP OF THE SCREEN. YOU GUIDE THESE SHAPES LEFT OR RIGHT TO THE SCREEN BASE. AT THE BOTTOM IF 3 OF THE SAME SHAPES RUN IN-LINE WITH EACH OTHER THEN THEY ARE CLEARED FROM THE SCREEN ,AND THE SHAPES ABOVE FALL. THE GAME ENDS WHEN ALL BUT 2 OBJECT LINES ARE AVAILABLE AT THE TOP OF THE SCREEN.
DIFFERENT SHAPES HAVE DIFFERENT ATTRIBUTES :-
ROLLERS - WHEN THESE HIT AN OBJECT BELOW THEM THEY WILL TRY TO ROLL TO THE SIDE IF SPACE AVAILABLE.
STATICS - DO NOT ROLL,BUT JUST FALL AS FAR AS POSSIBLE.
FACES and NEGATIVES - THESE DEPLETE YOUR SCORE IF 3 ARE ALIGNED. YOU CAN DESTROY FACES BY DROPPING A STAR ON THEM.
LIGHTNING BOLTS - IF YOU PLACE 3 OF THESE IN A LINE THEN THE REST OF THAT LINE OF SHAPES IS REMOVED.

THE SCREEN DISPLAY SHOWS SCORES FOR EACH SHAPE,NEXT SHAPE,HI-SCORE,LEVEL AND PAUSES.
TO STOP YOU BECOMING A SUPER GAMESTER OVERNIGHT YOU ARE LIMITED TO 9 PAUSES.
TO INCREASE DIFFICULTY YOU CAN START WITH A CERTAIN NUMBER OF SHAPES ALREADY IN PLACE.

CONTROL IS EASY AND SMOOTH. JONATHAN HAS DONE IT AGAIN.

DON'T PANIC IS AVAILABLE NOW ON SEDORIC DOS

A CASSETTE VERSION WILL BE AVAILABLE SHORTLY.
PRICE FOR DISC VERSION IS:

4 POUND ON 3" DISC or 3 POUND ON 3.5/5.25" DISC.

DON'T PANIC

READERS LETTERS

DEAR DAVE,
        I HAVE AN ORIC V23 MODEM - NEVER DID USE IT,EVEN THOUGH I HAVE A SOFTWARE
TAPE TO GET PRESTEL.
HOWEVER PAGES 12-15 OF THE DECEMBER O.U.M ON THE SERIAL PORT AND MODEMS I FOUND
INTERESTING.
                                - DENNIS HUGHES

DEAR DENNIS,
           IT IS NICE TO SEE THAT TREVOR SHAW'S ARTICLES ARE STIMULATING INTEREST.
THERE ARE QUITE A FEW READERS WHO ARE NOW GETTING THE OLD MODEMS BACK OUT.
                                - DAVE
==

DEAR DAVE,
           I HAVE ALMOST FINISHED THE SECOND EDITION OF "ORIC - THE STORY SO FAR",AND
CAN ONLY SAY - "WHAT A SHAME!"
ALTHOUGH I FELT THAT ALL WAS NOT WELL IN THE EARLY DAYS OF THE ORIC;I COULD ONLY BASE MY
SUSPICIONS ON WHAT I READ BETWEEN THE LINES OF THE EARLY EDITIONS OF THE 'ORIC OWNER'.
JONATHAN HAWORTH's EXCELLENT ACCOUNT ONLY FILLS IN THE GAPS OF THE 1980's DASH TO MAKE
VAST PROFITS IN THE NEW AREAS OF HOME COMPUTERS. THE BASIC CONCEPT OF THE ORIC WAS SOUND
AND UNDOUBTEDLY THERE WERE MANY TALENTED INDIVIDUALS CONNECTED WITH THE MACHINE. HOWEVER,
LEADERS OF THE ORIC TEAM DID NOT LEAD IN AN ALTOGETHER 'ABOVE BOARD' WAY;HENCE THE DEMISE
OF WHAT COULD OF BEEN A GREAT COMPUTER.
    PLEASE EXPRESS MY THANKS TO JONATHAN FOR ALL HIS HARD WORK.
                                - BRIAN ODURNY

DEAR BRIAN,
           I RECENTLY HEARD OF THE DEMISE OF ONE OF THE MAIN ORIC GANG. I BELIEVE THAT
BARRY MUNCASTER IS NOW BANKRUPT.
    AS TO THE FUTURE THAT NEVER WAS; I SAW A REAL COLLECTORS ITEM THIS WEEK. I MET UP WITH
STEVE HOPPS WHO BROUGHT ALONG AN ORIC BOARD,WHICH 'FLAIRTECH' AND DENNIS HALFORD HAD BEEN
WORKING ON. IT WAS THE IDEA FOR 'CP/M' FOR THE ORIC. IT CONTAINS NUMEROUS CHIPS,INCLUDING
WE THINK THE UPDATED U.L.A . THERE WERE CONNECTIONS FOR MODULATOR (NOT T.V), PRINTER AND
DRIVE. PLUS A COUPLE OF OTHERS ,WHICH WE COULDN'T ASCERTAIN WHAT THEY WERE TO BE USED
WITH. I WONDER HOW FAR THE PROJECT GOT.
                                - DAVE
==
DEAR DAVE,
           I WAS SURPRISED TO SEE THAT SO LITTLE WAS MADE OF DR.MCLAUGHLIN's 'WORD-
SPEED' IN O.U.M. WHILST NO EXPERT ,I'VE TRIED MOST OF THE ORIC WORD PROCESSING PROGRAMS
AND THINK 'WORD-SPEED' IS EXCELLENT,WELL DOCUMENTED,SIMPLE ONCE YOU HAVE BECOME PRACTICED
AT USING IT (AS WITH ALL SUCH PROGRAMS) AND CONTAINS ALL THE FUNCTIONS NECESSARY TO
PRODUCE A WIDE RANGE OF DOCUMENTS. IT IS CERTAINLY MOST FORGIVING WHEN EXPERIMENTING WITH
DIFFERENT LAY-OUTS.
    THE PROGRAM'S GREATEST STRENGTH,WAS I FELT,IT'S TOTAL RELIANCE ON AND DEDICATION TO
'SEDORIC'. ALL THE FILES CREATED ARE SEQUENTIAL AND AS SUCH ARE COMPLETELY TRANSPORTABLE
AS DOCUMENTS TO OTHER SEDORIC USERS OR APPLICATIONS NOT HAVING OR USED 'WORD-SPEED'. TO
FURTHER ENHANCE IT'S VERSITILITY A UTILITY IS INCLUDED TO CREATE A FILE FROM PART OR ALL
OF A BASIC PROGRAM IN MEMORY. THIS FILE CAN BE USED WITHIN 'WORD-SPEED',ALTERED OR
ADJUSTED,FILLED WITH DATA etc. AND LOADED BACK INTO MEMORY AS A BASIC PROGRAM OR PART OF
A BASIC PROGRAM AT WILL. ANOTHER UTILITY TAILORS 'WORDSWORTH' FILES TO BE ACCEPTED BY
'WORD-SPEED'.
    IF I HAVE ONE CRITICISM OF OF 'WORD-SPEED' IT IS OF THE USE OF THE 'REVIEW' MODE WHICH
SCROLLS EACH LINE,AS IT WILL BE PRINTED ON DOCUMENT,ON TO THE SCREEN. AS' WYSIWYG ' IS
IMPOSSIBLE WITH OUR 38/40 CHARACTER LINES,IT IS A VERY GOOD IDEA BUT IT'S USEFULNESS IS
LIMITED TO THE LAST SCREEN PAGE OF LINES AS I COULD NOT STOP THE SCROLLING OF THE EARLIER
PART OF THE DOCUMENT TO EXAMINE THE EFFECT OF ALTERATIOMS MADE NEAR THE BEGINNING.
    I WOULD LIKE TO THANK YOU FOR ALL THE EFFORT YOU MAKE ON MY AND THE OTHER O.U.M READERS
BEHALF TO KEEP THE ORIC ALIVE AND KICKING.
                                - PETER WOOLLEY

DEAR PETER,
           I THANK YOU FOR THE REVIEW OF 'WORDSPEED'. I CAN ONLY PRINT ITEMS ABOUT
PROGRAMS IF PEOPLE LIKE YOU INFORM ME OF THEIR OPINION. THE OTHER OPTION WOULD BE FOR ME
TO FIND TIME TO USE SUCH A PROGRAM. AS I AM QUITE HAPPY WITH THE W.P THAT I CURRENTLY
USE,THEN I HAVE NO IMMEDIATE INTENTION OF DELVING FURTHER.
    FOR THOSE NEW TO O.U.M; 'WORD-SPEED' IS AVAILABLE ON SEDORIC DISC ONLY FROM ALLAN
WHITAKER's SHAREWARE SCHEME.
    ALLAN ASKS ME TO POINT OUT THAT HE HAS NO UPDATE OF THE PROGRAM TO PASS ONTO READERS.
MENTION OF AN UPDATE WAS REPORTED IN THE 'C.E.O' AND REPORTED ON IN O.U.M. PERHAPS Dr.
RAY COULD TELL US THE CURRENT SITUATION.
                                - DAVE
==

B I T S a n d B O B S

THE SECOND O.U.M DISC

RELEASE OF O.U.M DISC NO.2 HAS HAD TO BE POSTPONED FOR THIS MONTH. IT WILL NOW GO OUT WITH THE FEBRUARY O.U.M
INCLUDED ON IT WILL BE 'TANSOFT's' 'ORIC-CAD' WITH SAVE/LOAD TO AND FROM DISC.   EACH DISC WILL COME COMPLETE WITH THE OFFICIAL MANUAL. MANY THANKS TO HARRY PETERS AND STEVE HOPPS FOR THEIR HELP ON THIS MATTER.

VIVA ESPANA

FOR ALL THOSE CUURENTLY EMBARKED ON LEARNING SPANISH AND OF COURSE FOR OUR FRENCH READERS; A MESSAGE - " EL SIMPLESTICK MONTAJE/INTERFACE REGULADOR" or "LE SIMPLESTICK ASSEMBLAGE/INTERFACE CONTROLLEUR".
STILL CONFUSED! WELL,BASICALLY WE ARE TALKING ABOUT "THE SIMPLESTICK INTERFACE CONTROLLER".
IT IS A TAPE BASED PROGRAM WHICH ALLOWS YOU TO PROGRAM THE 'SIMPLESTICK' JOYSTICK INTERFACE. YOU LOAD THE TAPE AND THEN DECIDE WHETHER TO CHANGE THE DEFINITIONS ON THE GAME YOU INTEND TO LOAD. YOU CAN EVEN SAVE YOUR RE-DEFINED KEYS FOR LATER USE ON THAT GAME.
UNLIKE SOME INTERFACES THAT PLUG INTO THE PRINTER PORT,THIS DOES NOT AFFECT THE SOUND.
ALL NICELY BOXED;AS WELL AS THE INTERFACE AND IT's PROGRAM,YOU ALSO GET THE 'SKI-CUP' GAME AND AN 'IMAGE DESIGNER'.
IT WAS ONLY WHEN STEVE HOPPS VISITED THAT I KNEW OF THIS PACKAGE,WHICH WAS 'MARKETED BY 'OPEL'. I WILL TEST THE ITEMS OUT AND REPORT IN THE NEXT ISSUE REGARDING PRICE etc.
ALSO AMONGST ITEMS,WHICH I HAVE TAKEN POSESSION OF FROM STEVE ARE ATMOS TAPES OF 'SUPER METEORS', 'PANIC' etc. IT WILL TAKE ME A WHILE TO GO THROUGH EVERYTHING.
===

3.5"

I NOW HAVE ONE OF THE 3.5" DRIVES THAT 'J & N BULL' ARE SELLING. UNFORTUNATELY I HAVE NOT HAD TIME TO TEST IT. THE DOCUMENTATION SHOWS THAT THE THE POWER HAS TO BE TAKEN FROM THE RIBBON CABLE.
I WILL GET CHRIS HEARN TO HAVE A PROPER LOOK AT IT AND REPORT BACK TO YOU.

AROUND THE WORLD IN 80 DAYS

CEO SUBSCRIBERS WHO HAVE JUST RECIEVED THEIR JEO DISCS AND NEED SOME HELP ON THE ABOVE PROGRAM SHOULD REFER TO PAGE 6 OF LAST MONTH'S O.U.M. CHECK OUT THE TIP FOR 'TOUR LE MONDE EN 80 JOURS'.

COMPETITION

NO ENTRIES FOR LAST MONTH'S COMPETITION AND THERFORE NO WINNERS.
THE ANSWER WAS 'SCUBA DIVE'.

THE NEXT AYLESBURY MEET

IT IS PLANNED TO HOLD THE NEXT ORIC MEET IN AYLESBURY SOME TIME IN JULY. PLEASE LET ME KNOW, AS SOON AS POSSIBLE,WHICH DATE WOULD SUIT YOU ALL. IT MUSTN'T CLASH WITH THE SILVERSTONE GRAND PRIX.
THE LOCATION,AS EVER,WILL HOPEFULLY BE THE 'RIVETS SPORTS AND SOCIAL CLUB'. I SAY HOPEFULLY AS RECENTLY THE CAR PARK HAS BEEN FILLED WITH SOME UNWANTED GUESTS. NO,NOT 'SPECTRUM' OWNERS. THE INTRUDERS WERE A BAND OF 'TRAVELLERS' ,GYPSIES OR WHATEVER THEY ARE CALLED. THE STREAM HAS BEEN POLLUTED. TWO LOCAL OFF LICENCES WERE BROKEN INTO. LORRIES HAD THEIR FUEL LINES CUT AND THE DIESEL SYPHONED OFF. THE VISITORS CAME AT THE END OF DECEMBER. JUST IN TIME FOR MEMBERS TO NOT FEEL TOO HAPPY ABOUT ATTENDING THE NEW YEAR'S EVE FUNCTION AT THE CLUB.
===

THE NEXT ISSUE

THE NEXT ISSUE WILL BE BACK TO NORMAL WITH ALL THE REGULAR FEATURES AND MORE PAGES.
ONLY 13 PAGES THIS TIME. WE HAVE PLENTY MORE ARTICLES TO BE INCLUDED,WHICH IS NOT SOMETHING THAT MEMBERS OF THE 'DRAGON 32' GROUP MAGAZINE CAN BOAST.
RICHARD FARRELL TELLS ME THAT IT IS ABOUT TO DIE UNLESS THEY GET MORE ARTICLES. APPARENTLY THERE WAS A LETTER IN THE LATEST ISSUE FROM OUR VERY OWN JOHN PEACH,WHICH COMPLIMENTED O.U.M.
A PITY FOR THE DRAGON AS IT APPARENTLY HAS SOME VERY USEFUL CASSETTE APPLICATIONS,THOUGH THE GRAPHICS ARE SAID TO BE QUITE POOR.
WHAT ABOUT SOME ARTICLES FROM READERS WHO HAVE OTHER OBSCURE MACHINES?