DAL-ACE

DALLAS ATARI COMPUTER ENTHUSIASTS
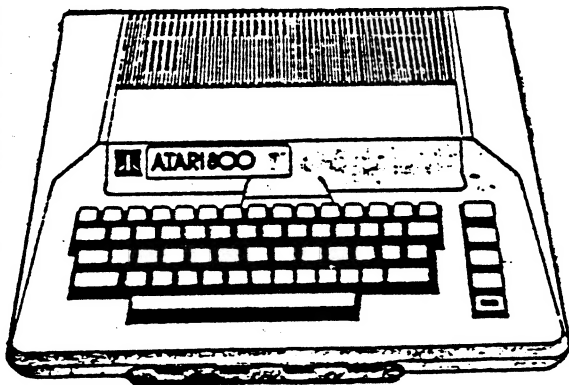
VOLUME 4   ISSUE 12   DEC 1983

SEASONS

GREETINGS

AND MANY HAPPY

RESETS

PRESIDENT'S PERSPECTIVE

By the time that you read this, DAL-ACE will have completed its first Toy's-For-Tots Computer Fair. If all things go according to plans this year, next year will be even bigger and better.

Last month I came down pretty hard on the people at User Group Support at Atari. Let me first say that the things I said were feelings that I have had over the last two years. As is usually the case, the day after the newsletters went out, I get a phone call from Mark Cator at Atari. He calls and informs me that things are changing at User Group Support, and that we can begin to see more help and information from them. He informed me that the long awaited video tape is on its way, and even that our, yes OUR, group has been chosen to do test reporting on new hardware coming from Atari! Mark also said that more information was going to be released to ALL user groups! Could it be that they read my article before it was published? Time will tell if all of this comes true. I hope it does because all groups need information about the computer.

As most of you know by now the 600XL's are out, and the 800XL's are soon to be here! Yes I know you all have heard that line before, but I should know because I've got one, and boy does it look nice. Because of a trip to Oregon, I can't do a review this month, but next month I will give you an indepth review of Atari's new 800XL. As of now, would I buy one?....the answer is YES! I think we all gave the 1200XL a black eye. The computer is not all that bad. We, the user groups, jumped on it like a bunch of wild dogs and tore it apart. Not untill it was to late did we find out that most, if not all of the problems, were due to software that was written using entry points that didn't conform to documented addresses. Even Atari got caught by this; i.e.the Atari Wordprocessor. Because of the bias we had toward the 1200, I will give you a much more subjective review of the 800XL.

Happy computing,   Gary

CALL FOR ART WORK

We need art work for the cover of the newsletter! The REWARD is not much... a disk from the club library and a brief word about the artist. The cover of the monthly newsletter should represent some aspect of computer activity or make some point about the ATARI. We would especially like to have a line drawing of the new XL computer(s). Any art work created with an ATARI is welcomed! Please help us out. THANKS! ...EDS

POWER UP
by SANDY GADELL

(EDITOR'S NOTE: Power Up is a regular feature in the DAL-ACE Newsletter and is included to provide information about the Public Relations activities of the club.)

USER POWER is now in its second month, and so far things are looking great. USER POWER, as you know, is the DAL-DAL-ACE membership drive which has established the objective of doubling the membership in six months.

We can't give you the exact up-to-the-minute membership figures because we didn't have a regularly scheduled membership meeting in December, but at last count we were up to 475, a gain of 35 since the campaign began.

Everyone needs to take special care not to slip up in December just because we didn't have a meeting. In fact, many of the memberships are due to expire this month, and if we don't get on the ball, we'll be moving backwards in our drive to increase the membership!

Remember, we have some good prizes in store for those who bring in the most new members, so let's get rolling. Some of your friends will probably be getting Atari computers for Christmas (if they can find them!), so tell them what a great group we are and bring them to the January meeting. In fact, maybe you'd like to give them a membership in the club as a gift. It would sure save you a lot of trouble, and it's the kind of gift that could last all year, too.

ATARI EMBRACES COOKIE MONSTER

Atari has announced the development of a series of educational programs which feature Sesame Street characters and are designed to appeal to children ages 3 to 7. Altogether there are three programs, and each can be played at 10 to 12 levels of difficulty. They are aimed at helping children develop skills in letter and number reconition as well as other reading and writing skills.

The suggested retail price of these products is $38.45. The movement to work out programs for the preschool level is a part of Atari's strategy to target all age levels with entertainment and educational software of high quality. These products have been developed in cooperation with Children's Computer Workshop, a division of Children's Television Workshop, which produces Sesame Street.

[EDITOR'S NOTE: It is our opinion that Atari is probably on the right track with these programs because of the relationship with Children's Computer Workshop, which is a highly reputable organization. The educational market at the present time offers very little that is of good quality for young children, and Atari has definitely found an area in which there is a tremendous need.]

*** DAL-ACE HONOR ROLL ***

It is important that we take time and space to acknowledge the services of our volunteers. We all know the officers of our club and the fine job that they do for us. But, how about the volunteers? Who are they? What do they do?

JOHN HENSON
John is one of our resident, electronic artists and contributed last month's cover for the newsletter. Many Thanks for the fasinating art work, John.

C.P. ORADAT
Cecil wrote last month's review of SPELUNKER (and then won a copy of the same game in the drawing at the end of the club meeting). Good going and congratulations!

DAVE BILLEN
Dave submitted two articles last month! Both were well received and much appreciated. Anyone want to have a writing contest with Dave? Many Thanks!

STEVE SMEBNER
Steve wrote last month's article on the ACTION cartridge and presented a demonstration of the cartiridge at the club meeting. Both efforts were simply GREAT!

ERNIE RUNYON
Ernie's contributions never seem to stop! Last month he submitted two fine articles on the club bulettin board. Great information for the MODEM users! Also some good fundamental information for us novices! THANKS, Ernie!

JEFF RUTHERFORD
Another "REPEATING" aurthor! This time it was a great, little graphics program, "WATER WORKS" and an excellent review of ARCHON (I'm looking for that game in my Christmas stocking). If you din't type Jeff's program into your ATARI, you missed a treat. (There is still time to go back and type it in.) Many Thanks and keep up the good work, Jeff.

TABITHA SEWELL & ANN GADELL
Tabitha and Ann are the sales team for our Club Store (Disks, CP/M manuals, Disk Labels, etc.). Their efforts keep a steady cash flow headed into the club treasury! Keep up the great work, Girls!

E.R. KOBUS
Ed's review of JUICE last month was one of the best reviews I have ever seen! The review was as much fun as the game itself. Ed is an accountant, but he may have missed his "calling" as a writer. Keep'em coming!!

TABITHA SEWELL
Tabitha submitted last month's PUZZLE PAGE. Did you find the word "SETCOLOR"? (See this month's PUZZLE PAGE for the location of all the words.) Many Thanks, Tabitha!

TANDY PENN
Tandy volunteered to teach classes for the Dallas Public Library last month. Tandy said it was a good experience. We really appreciate his efforts. Many Thanks, Tandy!
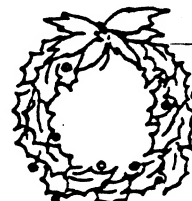
BO DAVIS
Bo has volunteered to coordinate the VOLUNTEER EXPERTS group. We know that Bo will do an excellent job for the club and We appreciate his willingness to serve.

And a big THANKS to those that helped out with setting up for the meeting and the clean-up afterwards!! Let the Editors know about other volunteers for next month's HONOR ROLL! Sorry if I missed you in this one, catch you next month!

DAL-ACE IN THE NEWS

DAL-ACE members have once again been featured in the DALLAS MORNING NEWS. The December 5th edition contained an article by Betsy Simnacher in which she discussed software gift recommendations for Atari users. DAL-ACE members Harvey Cobb and Chris Magid offered a number of useful suggestions for gift buyers who are interested in either game or educational software. Our thanks go to Harvey and Chris for taking time to provide Betsy with this information, and we also want to express our appreciation to Betsy for helping the club obtain additional newspaper publicity.

CHANGING VARIABLES TO INVERSE AND LOWERCASE
by TRAVIS PARKER

[EDITORS: Travis is one of the youth contributors to the DAL-ACE Newsletter, and we are very pleased to have an opportunity to publish his work. Travis also contributed the article which follows this one, "Machine Language Subroutines." DAL-ACE is extremely proud of the young people who have chosen to become active in the group, and would like to encourage more of our youth to consider making contributions to the Newsletter.]

Have you ever wondered how to print a variable such as one that is entered by the keyboard operator (i.e., a program asks for a person's name) in Inverse, Lowercase, or Inversed Lowercase? I wanted to know for a long time and just found out how. First of all, you need to have the computer figure how long it needs to make the loop by having it find the length of the variable. Let's say we use the variable NM$; therefore, we use the computer command LEN(NM$). To define the loop, we tell the computer:

- FOR W=1 TO LEN(NM$)

Next, we add the numeral that makes it become what we want it to be. Presto! We have our variable just how we want it when the computer prints it. This is the entire routine and should easily fit in one program line:

FOR W=1 TO LEN(NM$):NM$(W,W)=CHR$(ASC(NM$F(W,W)+X):NEXT W

Here are the values and their purpose:

X = 32 - Changes to Lowercase Normal

X = 128 - Changes to Uppercase in Inverse

X = 160 - Changes to Lowercase in Inverse

I hope this article has been helpful to all who own and program an ATARI.

MACHINE LANGUAGE SUBROUTINES
by TRAVIS PARKER

The following three programs change the colors in three color registers. The first program changes the color in COLPF1 ($D017) which is the background color register. The second program changes the color in COLPF2 ($D018), which is the character color register. The third program changes the color in COLBK ($D01A), the border color register, along with COLPF1 and COLPF2 to affect the entire screen.

The programs are loops that change the color register for each line on the screen. They are called from BASIC by A=USR(1536) and when they are running, the Atari is locked up in a machine language routine. Therefore, your program can't do anything until the routine returns to BASIC. For those interested I will print the source code for these programs in the newsletter next month.

PROGRAM 1

```
10 GOSUB 8000
20 TRAP 30:A=USR(1536)
30 END
8000 FOR QYZ144 = 1536 TO 1569:READ QY
Z145:POKE QYZ144,QYZ145:NEXT QYZ144:RE
TURN
8010 DATA 104,169,5,141,32,6,162,255,1
60,255,165,128,141,24,208,230
8020 DATA 128,141,10,212,136,208,243,2
02,208,238,206,32,6,208,231,96
8030 DATA 0,0
```

PROGRAM 2

```
10 GOSUB 8000
20 TRAP 30:A=USR(1536)
30 END
8000 FOR QYZ144 = 1536 TO 1569:READ QY
Z145:POKE QYZ144,QYZ145:NEXT QYZ144:RE
TURN
8010 DATA 104,169,5,141,32,6,162,255,1
60,255,165,128,141,23,208,230
8020 DATA 128,141,10,212,136,208,243,2
02,208,238,206,32,6,208,231,96
8030 DATA 0,0
```

PROGRAM 3

```
10 GOSUB 8000
20 TRAP 30:A=USR(1536)
30 END
8000 FOR QYZ144 = 1536 TO 1575:READ QY
Z145:POKE QYZ144,QYZ145:NEXT QYZ144:RE
TURN
8010 DATA 104,169,5,141,38,6,162,255,1
60,255,165,128,141,26,208,141
8020 DATA 24,208,141,23,208,230,128,14
1,10,212,136,208,237,202,208,232
8030 DATA 206,38,6,208,225,96,0,0
```

PERSONAL ADVERTISEMENTS

[EDITORS: Members are reminded that personal advertisements are published free of charge. Need something special? Need to sell the last "special"? Advertise it!]

NEED: 3 BOARDS FOR SHUGART 800 OR 801 DISK DRIVES. CALL BILL GONSER 642-1430.

FOR SALE: VISI-CALC (New, under Warranty) for $125.00 and ATARI FAMILY FINANCES (New) for $25.00 CALL KEN ANDERSON 256-7484 (Work) or 596-2071 (Home).

FOR SALE: ATARI 850 INTERFACE with EPSON PRINTER CABLE for $150.00 CALL BO DAVIS 270-5544

FOR SALE: HP-82143A PRINTER/PLOTTER for use with HP-41 or HP-41CV (original cost was $385.00) will sell for $250.00 CALL BILL GONSER 642-1430

CRAZY GRAPHICS
by GEORGE HARTZ IV

[EDITORS: George is from the "next generation", or perhaps, the one after that! He is 8 years old and is definitely computer literate. While most of us are struggling with the definition of that term, George has accepted the computer as a part of his daily life.

For those of us with a keen interest in graphics, George's use of text characters in generating pure graphic patterns is a stroke of genius (nobody told George that text was limited to "reading"). Examine this little program carefully and see what you can do with it! If you come up with a goodie, be sure to send it in for publication.]

```
5 REM **CRAZY GRAPHICS***
7 REM By GEORGE HARTZ IV
8 REM ******AGE*8***
10 GRAPHICS 10
20 DIM X$(200)
30 X$="ABCDEFGHABCDEFGHABCDEFGHABCDEFG
HABCDEFGHABCDEFGHABCDEFGHABCDEFGHABCDE
FGH"
40 DIM R$(200)
50 R$="HGFEDCBAHGFEDCBAHGFEDCBAHGFEDCB
AHGFEDCBAHGFEDCBAHGFEDCBAHGFEDCBAHGFED
CBA"
55 FOR W=1 TO 90
70 ? #6;" ";X$
80 ? #6;" ";R$
90 NEXT W
100 N=PEEK(705):FOR I=705 TO 711:POKE
I,PEEK(I+1)
110 NEXT I:POKE 712,N
115 SETCOLOR 2,INT(RND(0)*15),INT(RND(
0)*14)
120 GOTO 100
```

OUTSIDE ATARI
by SANDY GADELL

[NOTE:This column provides information about computer products which are offered by Atari's competitors and is intended to provide DAL-ACE members with additional knowledge to be used in making wise consumer decisions. OUTSIDE ATARI appears as a regular feature of the newsletter each month. Readers who would like to contribute information to this column are strongly encouraged to do so. Well-informed computer users are in a good position to influence ATAri to continue to improve its products. Ths is an example of "User Power" in action, so send your suggestions to the Editors at the address which is listed on the back cover of the newsletter.]

TI INTRODUCES PORTABLE COMPUTER

Texas Instruments has announced that its new portable computer will be available to dealers in December and ready for customer shipment next month. The new model comes equipped with 64K internal memory and is expandable to 768K.

The TI portable is fully compatible with the TI Professional Computer, and runs a wide range of software, especially in the areas of word processing and business applications. Although it is not IBM compatible, the company does not view this as a drawback because all of the major software packages are becoming available for both the TI and the IBM products.

The 16-bit TI Portable uses the Intel 8088 microprocessor and has the same keyboard as that which is used on the desk-top model. There are five expansion slots and a storage compartment for electrical cords and cables.

TI recently announced that it had dropped the 99/4A home computer and will devote more of its resources to the desk-top and portable models. The 99/4A was actually produced by an entirely different division of TI and bears little relationship to the other TI computer products. Incidentally, TI claims that the 99/4A was one of the market leaders when it was dropped, but that it was too much of a financial strain for the company to continue to devote resources to it.

ITT INTRODUCES DESK-TOP SYSTEM

ITT Corp. recently unveiled its new 16-bit desk-top computer, the Xtra, which is expected to be a real competitor to the IBM PC. The Xtra is fully IBM compatible, and sells for about 5%less. The basic configuration includes an Intel 8088 microprocessor, 128K bytes of internal memory, a keyboard, a 360K byte 5.25 inch floppy-disk drive, a controller, a monochrome video-display monitor, a Centronics printer port, and an RS-232C port.

This basic system sells for about $3,000, and for an additional $500 a second floppy drive can be added.

TOP TEN SOFTWARE COMPANIES NAMED

COMPUTER RETAIL NEWS has published its list of the top ten software companies for 1983. The list is based largely on revenue, and thus does not include some of the more creative but less well known programs which many of us are familiar with. Also, the list includes only those companies which develop software for business and professional applications.

1. MICROSOFT
2. VISICORP
3. DIGITAL RESEARCH
4. MICROPRO
5. LOTUS DEVELOPMENT
6. ASHTON-TATE
7. PEACHTREE SOFTWARE
8. SOFTWARE PUBLISHING
9. SORCIM
10. PERFECT SOFTWARE

PRISM (GRAPHICS 11)
by JOHN HENSON

[EDITORS: This program, in GTIA graphics mode 11, is very colorful and interesting. Graphics programs are always great for showing off the computer. Uncle Ned may be "interested" in the fact that you can do Word Processing on your ATARI, but you can blow his socks off with an ATARI graphics display! People are interesting...and so are Computers!]

```
1 REM PRISM
10 GRAPHICS 11
20 FOR COLR=1 TO 15
30 C=COLR
40 X=0:Y=0:X1=79:Y1=191:X2=0:X3=79
50 COLOR C
60 PLOT X,Y:DRAWTO X1,Y1
65 PLOT X,Y1:DRAWTO X1,Y
70 PLOT X2,Y:DRAWTO X3,Y1
75 PLOT X2,Y1:DRAWTO X3,Y
80 X=X+0.8:Y=Y+1:X1=X1-0.8:Y1=Y1-1
85 X2=X2+0.1:X3=X3-0.1:C=C+0.2
87 IF C>15 THEN C=1
90 IF X>76 THEN GOTO 110
100 GOTO 50
110 NEXT COLR
120 GOTO 20
```

T. M. Computing

C H R I S T M A S   S P E C I A L S

===

Koala Technologies Corporation

K O A L A

===============================

G R A P H I C   T A B L E T S

Koala Technologies Corporation

REG-$ 99.95==================================NOW-$ 74.95

===

HARDWARE

```
AMDEK COLOR I PLUS w/cables                List - $422.00   NOW - $325.00
ANCHOR AUTOMATION - SIGNALMAN MARK II MODEM List - $ 99.95   NOW - $ 79.95
```

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ACCESSORIES

```
FLIP & FILE       For Cartridges or Disk    List - $ 29.95   NOW - $ 19.95
FLIP-N-FILE 50    For disk-LOCKABLE         List - $ 39.95   NOW - $ 28.95
WICO Bat Handle Joysticks                   List - $ 29.95   NOW - $ 21.95 e
Memorex  5 1/4" diskettes---ss/sd & dd   $ 2.00 ea. (3-packs)
Labels-3 1/2 x 15/16, 1 up, 5,000 count     List - $ 30.00   NOW - $ 14.00
Computer Paper-9 1/2 x 11, disaperf, 2,500 cnt List - $ 40.00  NOW - $ 22.95
```

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WORD PROCESSING--DATA BASE--HOME FINANCE--UTILITIES

```
Synapse-File Manager 800+ (disk)            List - $ 99.95   NOW - $ 69.95
Datasoft-Text Wizard/Spell Wizard (1 package) List - $ 99.95  NOW - $ 59.95
Broderbund - Bank Street Writer(disk)       List - $ 69.95   NOW - $ 49.95
Continental Software-The Home Accountant(disk) List - $ 74.95 NOW - $ 54.95
Computari/On-line--Financial Wizard(disk)   List - $ 59.95   NOW - $ 42.95
Datasoft-Basic Compiler for Atari Basic (disk) List - $ 79.95 NOW - $ 59.95
Atari - Atari Basic cartridges              List - $ 59.95   NOW - $ 43.95 e
Atari - Programmer Kits (cart)              List - $ 59.95   NOW - $ 48.95 e
Atari-PILOT Home Package w/"TURTLE GRAPHICS" List - $ 79.95   NOW - $ 61.95
```

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G A M E S

```
Parker Bros. Q-BERT & POPEYE (cart)         List - $ 49.95   NOW - $ 35.95 e
SEGA-Star Trek,Congo Bongo,Buck Rogers (cart) List - $ 39.95  NOW - $ 26.95 e
Atari - Centipede,Dig Dug,Galaxian (cart)   List - $ 44.95   NOW - $ 33.95 e
Broderbund - Arcade Machine (disk)          List - $ 59.95   NOW - $ 43.95
Activision-River Raid & Kaboom (cart)       List - $ 39.95   NOW - $ 27.95 e
Thorm-Emi- Computer War (cart)              List - $ 39.95   NOW - $ 26.95
Broderbund- Operation Whirlwind (disk)      List - $ 39.95   NOW - $ 26.95
Synapse-Zeppelin (disk or cass)             List - $ 34.95   NOW - $ 23.95
```

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F R E E   D E L I V E R Y

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Prices subject to change without notice due to availibility. Add 4% for
VISA/MASTER CHARGE. Texas residents add 5% sales tax on hardware only. Place
orders by PHONE or by MAIL and pick it up at the next meeting or we will delive
it, whichever you prefer.

3302 Meadow Oaks Dr.   Garland,Tx.   75043

(214)226-7922   (214)226-7922

ANSWER KEY:
THE PUZZLE PAGE
by TABITHA SEWELL

[EDITOR'S NOTE: Last month's Newsletter contained a Word Search Puzzle which was contributed by Tabitha Sewell. After much twisting of the arm and other forms of persuasion, Tabitha has finally agreed that it would be in the best interests of everyone's mental health if she would provide us with the answer key, and we have reproduced it for you below. Tabitha is a youth contributor to the DAL-ACE Newsletter, and has promised to provide us with additional puzzles for future publication as her time permits.

```
- - - - - - - - - - - - - - - - - - - - -
O T O G - - - - - - - - - - - E V A S - -
- O R E T U R N - - R - - - - - - - - - -
- P T S I L - - - O - - - - - - - - -
- E T U P N I - F - - - - - - P - -
- N - - - - - - - - - - - - U - -
- - - - - - - - - - - - - T -
- - - - - - - - - - - R C
O - - - E - - - E - - - - T O I
T - - G S T E G K - - - - - E - L S
- N - - O - - O - - - - D N E L - - O A
W E N - L S P S T A T U S - - - - - C B
- H - - C - U - - - - - - - - T -
D T - - R - - B - - - - - P E T S E -
A - - U - - - - - - - - - - S -
E - N - - P - - - - - - - -
R - - - - A - - - - - - D O S
- - - - - R - - - - - - -
- - - - T - - - - M I D - - -
- - - - - - - - - - -
- - - - - - O D - - -
- - - - - - T N - - - T
- K - - - - - W U - - N -
- - E - - - - N A O - I - -
- - E - - D - - - R O R S R - - -
- R - - P A - - T - - - O D P R - - -
- E - - T - - - O - - - L E - - -
- T - A - T - L - - - - - M O - - - -
- N - - X S P - - - - - - C - - -
- E - E - C - - - - - - - - -
- - N - - I F - - - - - - -
- - - - H I - - - - - - - -
- - - - P - - - - - - - -
- - - - A - - - - - - L - - -
- - - - R - - - - - O - - -
- - - - G - - - A - - - -
- - - - - - D - - - - - -
```

DAL-ACE VOLUNTEER EXPERTS
(HELP WHEN YOU NEED IT MOST)

Need help with a computer question or problem? That's one of our functions as a club! SHARING KNOWLEDGE And there is no need to wait till the next club meeting. Listed below are volunteers to help with simple or simply staggering problems. If you need help, call one of our EXPERTS!

HOW TO USE THE
"ASK THE EXPERTS" LIST

Select a name from the list below. In order to somewhat equitably distribute the workload, we suggest that you select the name that is closest in the alphabet to yours. You will notice that each listing includes a letter in parentheses: (B), (I), or (A). The letter B indicates that the volunteer is willing to help users at the Beginning level. The letter I indicates help for users at the Intermediate level. And the letter A indicates Advanced help.

Most of these people work during the day, so we suggest calling during the evening. Also, please don't call after 9:00 p.m. unless you have already made such an arrangement with one of the volunteers.

DAL-ACE RESOURCE EXPERTS
Bailey, Bill. 271-4784. (B)

Chan, David. 495-8297. (B)

Clarke, Tim. 960-7372. (B)

Davis, Bo. 270-5544. (I) -

Dunayer, Adam. 680-9818. (I)

Gillen, Dave. 245-2732. (I)

Greenlee, Rich. 267-7428. (B)

Hafele, Harry. 348-7745. (I)

Maxham, Mark. 231-9594. (B)

Mullens, Dow. 272-3004. (B).

Newell, Wes. 423-1781. (I)

Oradat, Cecil. 690-3155. (I).

Parker, Travis. 840-9586. (B)

Penn, Tandy. 276-8796. (I)

Pennington, Jerry. 223-8132. (B)

Rabinek, Tom. 681-2280. (I).

Runyon, Ernie. (817) 485-0871. (I).

Rush, Jeff. 661-1289. (I).

Sadow, Phil. 644-3325. (I).

Sagor, Fred. 424-0291. (I)

Scott, Ron. 436-0297. (B)

Sladecek, Joe. 276-1443. (B).

Taylor, Frank. 242-4958. (B)

Verkuil, 462-9843. (A)

Wiant, Jim. 690-4188. (I)

Williams, Edmund. 341-9272. (I)

Zegub, Tom. 234-1958. (B)

[EDITORS: Sorry, about the typing errors last month, we have corrected the ones called to our attention and checked the others where possible. Please help us keep the list current by phoning corrections, additions, or deletions to BO DAVIS, (214)270-5544. And if you would like to join the list, please feel welcome.]

PLANO-TARI
3709 Atrium
Plano, TX 75075
867-5264

December Specials

INDUS GT double density drive WITH XL DOS, GT Estate Word-Processor,
Albert E. SpreadSheet and DataManager data base programs **$379.00**
ATARI LOGO (ROM) $75.00
KOALA PAD graphics tablet $70.00
Gemini 10X printer WITH cable $300.00
Microperipheral Corp. AUTO PRINT modem (auto ans/dial) $128.00
BANK STREET WRITER $46.00
VISICALC $145.00
COMMODORE 1702 14" Color Monitor $245.00
USI 1400 14" Composite Color Monitor $260.00
JCS 12" Amber Monitor (Same as TAXAN) $129.00

COMPUTE!'s 1st, 2nd & 3rd BOOKS OF ATARI; 1st & 2nd BOOKS OF
ATARI GAMES; 1st BOOK OF ATARI GRAPHICS; BASIC SOURCE BOOK $11.00
MACHINE LANGUAGE FOR BEGINNERS; MAPPING THE ATARI $12.70
INSIDE ATARI DOS $17.00

MEGAFONT The COMPLETE program lister and Graphics Dumper for the
PROWRITER, NEC AND EPSON printers........................ $17.00

AUSTIN FRANKLIN 80-COLUMN VIDEO BOARD $225.00
80 Column LETTER PERFECT or DATA PERFECT for AUSTIN-80 .... $79.00
AUSTIN FRANKLIN 48K RAM board for 400 or 800 .... $85.00

LETTER PERFECT or DATA PERFECT on either disk or ROM $79.00
SPELL PERFECT $65.00

Two Half-high QUME double-sided double-density drives $525.00

C.ITOH 8510A PROWRITER printer (ONE YEAR warranty) $369.00
Ribbon for PROWRITER $5.50

Send check with order to:

PLANO-TARI
3709 Atrium
Plano, TX 75075

ITEM(S)	PRICE
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SUBTOTAL	_____
(Software is not taxed) 5% TAX	_____
TOTAL	_____

**** Graph-lister ****

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Graph-lister is a printer driver program for ATARI 400 & 800
computers with 16k of memory. and a cassette. Graph-lister
enables driving an Epson MX series printer with GRAFTRAX PLUS
without the need for an 850 interface a great cost savings
for minimum configuration systems. Graph-lister prints ATARI
graphics characters embedded in your BASIC listings. Standard
inverse characters are underlined and graphics characters are
plotted in their inverse form. The printer is connected to
joystick ports 3 & 4 through an easy to construct cable.
Graph-lister is a machine language program that boots into
page seven of memory and moves the low-mem pointer up to
allow room for itself. The program will reinitialize itself
on a system reset. Machine language programming and direct
connection to ports 3 & 4 provides high speed data transfers
to your printer. Disk version available soon. BASIC cartridge
required. Cassette version $25. Does not include cable.
Assembled cables available.

** STEVE ARNTZ   817-485-5623   **

**** Wordman — Word Processor ****
** AFFORDABLE * EASY TO USE * ANY PRINTER **

WORDMAN - FUNCTION MENU	WORDMAN RESIDENT DOS	WORDMAN - RESET DEFAULTS
P$=3814 E$=2673 WROTE-D1:FILENAME.EDT	P$=3814 E$=2673 WROTE-D1:FILENAME.EDT	P$=3814 E$=2673 WROTE- none written
LAST LOAD-D2:FILENAME.SRC SECT-001>048	LAST LOAD-D2:FILENAME.SRC SECT-001>048	LAST LOAD-D2:WKII.066 SECT-102>134
1 FILE CREATE/ADD 2 SCREEN DISPLAY	1 DIRECTORY 2 DELETE FILE	1 CHARACTER/LINE 2 TAB PHRASE
3 INSERT BLOCK 4 NUMBERED DISPLAY		
5 DELETE BLOCK 6 PRINT FILE	3 LOCK FILE 4 FORMAT DISK	3 FIRST PAGE NO. 4 PAUSE @ PAGE END
7 COPY FILE 8 EDIT PRIME FILE		
9 LOAD DISK FILE 10 WRITE DISK FILE	5 UNLOCK FILE 6 RENAME FILE	5 PAGE FORMAT 6 BANNER TEXT BLKS
11 RESIDENT DOS 12 SEARCH/REPLACE		
13 SCAN SECTORS 14 RESET DEFAULTS	7 RETURN TO MENU	7 LINE SPACING 8 BANNER FONT
SELECTION?	SELECTION?	9 PAGE SPACING 10 PAGE BANNER PRT
		11 PRINT DEVICE SELECTION?
MAIN MENU SCREEN	DOS MENU SCREEN	DEFAULT MENU SCREEN

LIST PRICE $39.95 ..... DECEMBER SPECIAL $30.00 (DAL-ACE MEMBERS ONLY)

Jim Chaney   (214) 231-4402
916 E. BERKELEY RICHARDSON, TX 75081

--> SIG <--

"SIG" is the acronym for "Special Interest Group". These groups are composed of members having a common interest in a specialized area of the general computing field. These specialized areas range from languages, to applications and special features of the ATARI. Join in with one of the groups listed below and get more out of your computer! If you would like to start a new SIG, send your name, phone number, and a description of the subject to *DAL-ACE Newsletter*, 916 E. Berkeley, Richardson, Tx 75081. The information will be published in the next newsletter... you may find that you are not alone in your special computing interest! Deadline for all SIG information is the 15th of the month.

--> FORTH <--

This Group is interested in the FORTH language. FORTH is the high speed, action packed language used by many of the Arcade programmers. The Group offers classes and an active program of demonstrations. Call Fred Sagor (424-0291) or Tom Schaeper (242-2483) for more information.

--> BUSINESS <--

The BUSINESS applications SIG is currently looking for more members. If you are interested in applications such as Word Processing, Bookkeeping, Spreadsheets, Accounting, or Other business applications; call Rich Greenlee at 267-7428 (Metro Number) for more information on this SIG.

--> EDUCATION <--

The next meeting of the EDUCATION SIG will be held the Wednesday prior to the regular *DAL-ACE* Saturday meeting at 6:30 P.M. at Software Etc., 14400 Dallas Parkway (across from Ewing Buick).

--> YOUNG PEOPLES <--

The YOUNG PEOPLES SIG meets at 2:00 P.M. (prior to the regular *DAL-ACE* meeting, Lions Den in Garland). This group is composed of our younger members (from 8 to 16 years of age). Contact Chris Magid, 241-7320, for more information.

--> GRAPHICS <--

Members interested in the GRAPHICS SIG, please contact Sandra Stephens, 827-0493. This group is just getting started and welcomes all interested parties.

--> CP/M <--

The next meeting of the CP/M SIG will be held Tuesday, Dec 20th, at 7:30 P.M. in the home of Jim Chaney, 916 E. Berkeley, Richardson, Tx 75081. Jim's phone number is 231-4402. Bring your disk drives and/or system, if possible, to facilitate copying of the CP/M library (Public Domain Software). Several of the members now have 8" Disk Drives! Now, we can get going on those library disks!!

-->TELE-COMMUNICATIONS <--

This SIG meets on the same day of the DAL-ACE meeting and at the same location (can't miss it) 12:00 noon. Contact Ernie Runyon (817)485-0071 for additional information.

POWER UP!

NEXT MEETING - JAN. 7, 1984
LIONS DEN - 600 N FIFTH ST - GARLAND, TEXAS

DIRECTIONS: From LBJ (635), take the Garland Road exit north; Garland Road will make a "right-hand" turn (about 3 miles north of LBJ) and cross N. FIFTH ST; turn left on FIFTH (going North again); the LIONS DEN will be on the right (about one and a half blocks north of Garland Rd). Guests are WELCOME!!

MEETING AGENDA

NOON TO 2:00 SALES (VENDORS & CLUB)
DEMONSTRATIONS
NEWSLETTER DISTRIBUTION
NEW MEMBER REGISTRATION
GUEST REGISTRATION
SOCIALIZING
2:00 TO 2:30 VENDORS CLOSE AND CLEAR
SET-UP CHAIRS FOR MEETING
2:30 TO 3:00 BUSINESS MEETING
CLUB SALES
3:00 TO 3:30 GENERAL QUESTIONS
CLUB SALES
3:30 TO 4:00 TECHNICAL QUESTIONS
CLUB SALES
4:00 TO 5:00 DEMONSTRATIONS
CLUB SALES

VENDOR RESERVATIONS

Vendors may reserve *table space* prior to the meeting by calling Gary Sewell, (1-727-6567) in Allen, Texas. Fee collections and table assignments will begin at 12:00, after which the vendors may begin to set up their areas. Those tables which have been reserved but not yet claimed by 12:30 may be purchased by other vendors at that time. Prepaid reservations will *not* be released. Space assignments will be on a "first come, first served" basis, unless prepaid. The current meeting facility allows for approximately 30 vendor tables.

NEWSLETTER ADVERTISEMENTS

Personal Classified ads will be published free of charge for current members. Commercial rates are $35.00 per full page and $25.00 for half a page. Commercial ads must be *camera ready*. The deadline for all ads is the 15th of the month. Mail or deliver copy to DAL-ACE Newsletter, 916 E. Berkeley, Richardson, Texas 75081.

** DISCLAIMER **

The articles and advertisements contained in this newsletter reflect the opinion of the respective author. Members are encouraged to offer opposing opinions on any subject (relevant to computing) at any time.e we will not, knowingly, publish fraudulent or malicious material. The purpose of this newsletter is to present information for your consideration ... you, the reader, are the final judge on any product or advice presented.
--EDS

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DAL-ACE
DALLAS ATARI COMPUTER ENTHUSIASTS

DAL-ACE is an independent, user education group not affiliated with ATARI, INC. This is the official newsletter of DAL-ACE and is intended for the education of its members as well as for the dissemination of information concerning ATARI computer products.

DAL-ACE membership is $16.00 per year. This newsletter is written, edited, and published by club volunteers. Its availability and/or distribution may, at times, be subject to circumstances beyond the control of the club officers. Members will note that their membership renewal month appears as the first three (3) letters on the address label.

Other ATARI user groups may obtain copies of this newsletter on an exchange basis.

ALL MATERIAL IN THIS NEWSLETTER MAY BE REPRINTED IN ANY FORM, PROVIDED THAT DAL-ACE AND THE AUTHOR, IF APPLICABLE, ARE GIVEN CREDIT. LIKEWISE, PORTIONS OF THIS NEWSLETTER ARE REPRINTED FROM OTHER NEWSLETTERS AND ARE SO NOTED.

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