

99ER OUTPUT



VOL 6

BRAZOS VALLEY 99ERS AUGUST

P.O. BOX 7053

NO 8

WACO, TX 76714-7053

1988

***** NEXT MEETING *****

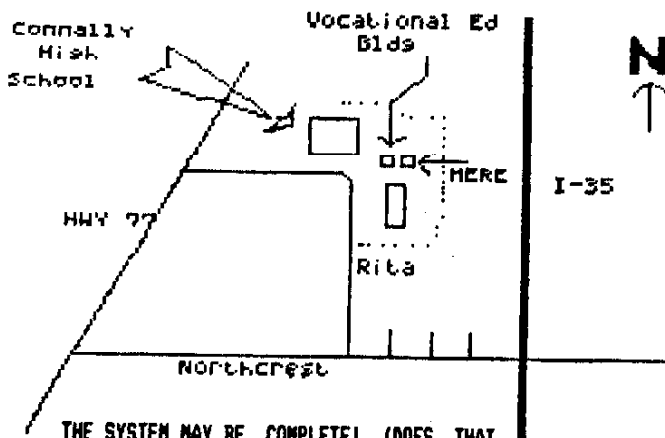
AUGUST 23, 1988 at Connally High school Vocational Education Department. 7:00 P.M. See map! A demo of the "PRINT-WIZARD" program will be given by Frank Cross.

A door prize will given out in a drawing held at the next meeting. Any Bates will decide before the meeting what will be awarded. The names in the drawing will be the attendees of the August meeting, of course. Last coffee, a visitor from Copperas Cove won a cover for a TI console. Come visit with us and join in on the fun.

NOTICE TO OTHER USER GROUPS

The BRAZOS VALLEY 99ERS' didn't publish a newsletter in June or July. We meet at a school and the meeting place was not available and so our normal meeting schedule was cut short for the summer. We greeted this with the decision to publish a large (for our small group) newsletter at the end of the summer. We hope you have still kept us on your mailing lists and find this larger issue worth the wait. Thanks for sharing your newsletters with us.

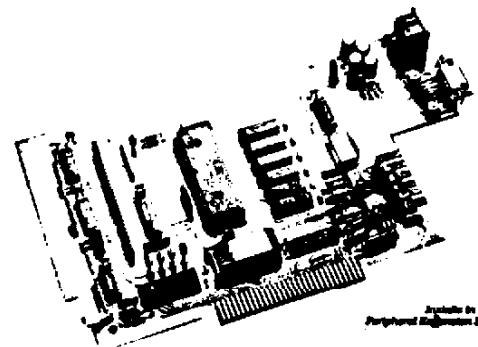
Frank Cross
Newsletter co-editor



THE SYSTEM MAY BE COMPLETE! (DOES THAT EVER HAPPEN?) AFTER FINALLY GETTING THE SONY RGB COMPOSITE MONITOR-TV KV-2511 CR RUNNING, WE CONTACTED TOM SPILLANE AFTER READING ABOUT HIM IN MICROPENDIUM. HE SENT US A DIJIT WHICH INTERFACES THE T1994A TO THE RGB MONITOR. NOW WE'VE ADDED AVPC WHICH INSTALLS IN THE PERIPHERAL EXPANSION BOX. (SEE THE AD FOR OTHER FEATURES) IF YOU WANT TO TALK COMPUTERS AND STUFF, CALL 619 295-3301. FOR SERIOUS TALK, ONLY. NOW WHAT CAN WE ADD?

ANY BATES
EDITOR-IN-CHIEF
WHATS-IN-CHARGE!

DIJIT Systems Advanced Video Processor Card



- 80 Column Word Processing and Spread Sheets
- Crisp Vivid RGB Video
- 512 Color palette
- High resolution bit mapped graphics
- 192 K of fast video RAM
- Up to 8 Sprites per line
- Mouse and Light Pen port
- Supports video overlay and stilling also real time video digitizing

DIJIT SYSTEMS
3540 Adams Avenue
Suite B
San Diego, CA 92116
619/281-2667

DIJIT Systems
San Diego, CA USA

*****REVIEW*****
 UNIVERSAL MAC INKER is a product which I have on loan. It came from COMPUTER FRIENDS, 6415 SW CANYON CT, PORTLAND, OR, 97221. It is a re-inker device for ribbons for printers. Most of the printers of today use ribbon cartridges that cost from pennies to \$25 each. If we get the full use of a ribbon (fabric) until it really wears out, we get can save many dollars over the life of a printer. It takes about 30 minutes to re-ink a ribbon but most of that time you are doing something else in the same area as the re-inker. (Playing 4A FLYER or TI-RUNNER!) I have a cartridge for a Toshiba 351 printer re-inking right now, while I write this article. I have re-inked several Epson ribbons, a C.Itoh ribbon, a NEC P3 ribbon, T199/4A impact printer ribbons, and a couple of miscellaneous cartridges and all have worked fine. The ribbons that go one spool to another may be done by them but I don't know how. Cartridge ribbons seem to lend themselves best to reinking because they are a continuous piece of fabric. The model that I am using is an Epson 70/80/100 model #271. It costs \$68 plus postage. If I added all of the ribbons that I have saved by using the re-inker, I have saved twice the cost of a re-inker already! It is a bit messy to use. I keep a tube of automotive handcleaner in the box so when I am through, I can clean my hands of the inevitable residue. I can recommend the zip-loc bags and plastic bags your newspaper comes in, to keep the re-inked ribbons in until you are ready for its use. It seems to work best to re-ink the ribbon and wait at least a week to use it. The time allows the ink to permeate the rest of the ribbon and make the print uniform. Most of us have heard of how ribbons will dry out if opened before use and even dry out sometimes before we get to use them. This problem is eliminated with the use of the re-inker.

I attended an Apple Computer show in Dallas Infomart last spring. One of the exhibitors was using a ribbon that he said had been re-inked over 50 times. He said that the theory was, that you don't have to use the hardest pressure of your printer if you re-ink when the print gets light and you swap to the next ribbon in your rotation. Overall, I give the UNIVERSAL MAC INKER and "A" for usefulness, "A" for economy, and "D" for Dirtiness (unavoidable even if you are careful!).

Frank Cross

THE DALLAS TI FAIRE
 by LOUIS GUION
 FROM THE DALLAS 99 INTERFACE May '88

Jackie, John and I all attended the April 30th running of the first Texas TI Faire put on by five area user groups headed by the Forest Lane TI User Group. This convention, conceived and nurtured by F.L.U.G.'s Richard Fleetwood, certainly ranks as one of my most enjoyable TI experiences. He and Faire chairman, Roy Willis, are to be congratulated for this fine outing. I certainly enjoyed the hours I spent there and really had a ball ambling through the vendor area and attending the seminars. There is no need of my boring you with a list of the sponsors, activities, and vendors as they were thoroughly outlined in the TI Faire advertisements carried in this newsletter (and here on Delphi) last month.

Software Vendors were plentiful as was hardware that ranged from museum stock like the 99/4, 99/2 and the 99/8 all the way to Bud Mills new Horizon 1-meg RAM disk. Rave-99 was showing their newest Memory Enhancement System which retains memory for four or five days by using a 1-Farad capacitor! Myarc Inc continued their lack of support for Myarc products in the Dallas Area by failing to show up due to personal emergency on the part of their representative. Myarc's only known previous Dallas efforts had been to send two half-baked prototype computers which either did not work or which were not supported with demonstration instructions. It would seem that they are trying to commit suicide in one of the nation's top-ten largest marketing areas, wouldn't it??

I found out how nice it is to be able to put faces with the names I have been reading about in Micropendium and in BBS files from coast to coast. I always thought it sort of corny that every review one reads mentions this fact, but it is really one of the nicest aspects of this international gathering. From

3
Bob Boone (Cal) and all the through
Dave Miller (Seattle), it was a
pleasure to come face to face. And
SURELY you can imagine the pleasure it
gave all of them to finally meet ME.
What? you can't imagine that?

There was one visitor that gave a
good impression of being glad to see
me, however! I was really pleased to
find that Gary Taylor, now president
of one of the three Pittsburgh, PA TI
user groups, had managed to fly down
for the Faire. Gary, an old DTICG
member, carried down some of the
Willforth Prototype Cards for the
P-box. Much to John Guion's
satisfaction, I was able to purchase
another card. Having designed the
P-Box GROM emulator card on one of the
Willforth products, John is now looking
for new fields to conquer. After the
show, Gary was able to slip off for a
while and relax with a slice or two of
pizza while telling me of his user
group's progress within the last year
or so.

I must say the atmosphere at the
Texas TI Faire was most certainly
right in step with what is considered
true Texas hospitality. The nicely
carpeted and airconditioned Vendor
area had just the right amount of
crowding for atmosphere and the
correct amount of Aisle space for
traffic. Nicely covered white draped
tables held the wares. Two
registration stations dispensed name
tags and made for a no-wait ticket
experience.

The seminars were conducted in an
atrium-like setting close to the
swimming pool area as well as in some
smaller rooms up on the second floor
of the hotel. The only time I dealt
with the hotel staff they were
courteous and helpful. The TV tapes
were being made in the seminar rooms
and in the vendor area, so I assume
that a video experience can be relived
at will in the future.

The volunteer support was in
evidence everywhere one turned. From
the many systems supporting the
seminars and registration to the
people operating the TV cameras to the
design of the name tags to the good
printed material; the stamp of the
volunteer worker was to be found
everywhere. Of course the co-sponsor
groups had tables manned by some of
these hearty volunteers. There were
even special extension cord sets that
had been made by some of these
volunteer folks. These cords were
used to get power to all of the many
running systems that dotted the vendor
area.

What with this being my only
experience at a TI Faire, I asked
around to a couple of the more
experienced people and from both I got
affirmative assessments of the
gathering. They, as I would, rated
the Texas TI Faire as an enjoyable
success. Congratulations go to the
hard workers that presented this Faire
for our enjoyment. Their efforts will
indeed "help lengthen the life of the
TI 99/4A Computer" they in
their advertisement

** NEWS OF THE BULLETIN BOARDS **
GENIE, Most popular of the nation
wide bbs's, has over 2800 files
or programs for the TI99/4A or
9640. These are free for the
down-loading and most are really
worth looking at seriously! The
members meet on their modems at
8:00 P.M. on Sunday evenings and
chat about things TI-ish or 9640
subjects. Genie costs \$5.00 an
hour for on-line time. Uploading
one of your files for all to
share is free. That is, they
turn off the charge clock and you
get the upload time free. Frank
Cross and Ken Finto have both
uploaded programs to Genie.
The SOURCE is another national
BBS that is on the move! It has
recently gone through several
changes. It also now has free
time on the uploads. The number
of files for downloading, while
not as great in number as Genie,
are increasing and worth looking
into. Sign on fees are currently
being waived and the instruction
book is reduced in price.

CONNECTION 80, most popular of
the local bbs's has been hit by
lightning twice in the last few
months and lost two 1200 baud
modems in about a months time.
Tom Kilbride, SYSOP, reported
that a hard disk and several
other pieces of equipment were
also lost. There are only two
TI-ers that check in regularly on
the bbs. Frank Cross uploaded a
couple of TI files and they were
removed to make room for active
users. Make use of the boards.
Try them out and look around.
Some of the Discussions are very
stimulating and thought
provoking. Some are downright
provoking!!

See you on the boards!

Frank Cross
Newsletter contributor

***** ABOUT OUR MEMBERS! *****

DAVE EISFELDT recently was
notified of a promotion in the
FAA. He will be working in
Rogers and living in Teale. He
stated that he would be still
active in the BRAZOS VALLEY
99ERS' and commute to our
meetings. Great news on both
sides!

D.L. MILLER has reported a serious illness which he will continue to receive treatments for. We will all include him in our prayers and hope he will stay strong and come to enjoy meetings with us.

BOB LEINWEBER has been back in town for visits. We hope he will come through on one of our meeting nights and stop for a visit with us.

AMY BATES finished her first year as Vocational supervisor at Connally High School and, as she puts it, survived. We all know she has survived quite well and we are proud of her!

Frank Cross
Newsletter co-editor

***** 4 Sale..four sale...er
FOR SALE!!!! *****

STEVE ADAMS 666-7170, HAS SOME TI CONSOLES, 2 P.E. BOXES, SEVERAL PIECES OF SOFTWARE AND OTHER TI THINGS FOR SALE. CALL HIM.

FRANK CROSS IS STILL SELLING DISKETTES, CONSOLES, CARTRIDGES, P.E. BOXES, AND SEVERAL PRINTERS. IF YOU NEED A MODEM, EXTENDED BASIC, E/A, TI-WRITER, PAPER, OR ALMOST ANY OF THE TI STUFF, GIVE HIM A CALL AT 848-4589 EVENINGS.

***** DISKETTE DRIVES *****
Would you like to double the capacity of your diskettes? Of course you would! Most of the folks using their original TI systems are only using one side of their diskettes (unless they are making "flippies") and are very limited on the use of some program because of the size of available space.

If you are interested and still reading, then consider the cost of a good DS/DD disk drive. Now, be aware that you will only have single-density by just changing drives. You CAN get true DS/DD if you also change to a Corcomp or Myarc Disk controller for you P.E. Box. Right now we will discuss the gains to be had by having a double sided drive only.

I enjoy using TI-Writer but quickly tired of the swapping diskettes required for using the Editor, Formatter and then the Files on separate diskettes. If you have double sided drives (one or, better yet, two!) You can have both the TI-Writer programs(editor and formatter) and your own files all on the same disk. You have 720 sectors to store programs and files on on one diskette and no swapping. Another great use is the Funnelweb Farms utility diskette from Australia. It is a large group of great pieces of software put together and accessed by a nice E/A menu program. It is fast and easy to use. It uses a lot of disk space and really needs to be on a DS/SD diskette to be its best for you, functionaly. There are lots of other reasons for having the double sided ability. If you are having drive trouble and are looking for a corrective action, look at getting a double sided drive for your P.E. box.

Frank Cross

From the Mailbox of the CW 99'ers:

It is with no little regret that I reprint the following notice received 5/23/1988:

"CLUB CLOSING NOTIFICATION
TRI-CITIES 99'ER COMPUTER GROUP
BY MAJORITY VOTE OF ATTENDING MEMBERS
AT THE APRIL MEETING.
FOR LIBRARY USE CONTACT DENNIS
ELLISON AT 783-1083
RESPECTFULLY YOURS, GARY CLEVELAND"

This group had members in Kennewick, Pasco and Richland Washington. We had exchanged newsletters with them since December of 1985. At the time of their disbanding the membership list was 24, though we do not know what the attendance was at the final meeting.

My Comment:

There are quite a few active and functioning clubs with the same number or fewer members - so the membership count is not really very important. One of the NJ clubs that has accomplished the most, has done so with less than a dozen active members. I cannot help but wonder what prompted this decision.

-Art BYERS

From 'Call Sounds!' 5

NEWS BULLETIN FROM THE TI WORLD.
New bulletins are at the top of the
stack, older ones at the bottom.

08/05/88 NYARC MOVES

NYARC has moved from Basking Ridge to
Martinsville, NJ. New Telephone number
is 201-805-0006

08/05/88 ASGARD announces a new
magazine for the TI-99/4A.

It will be issued quarterly and have
from 16 to 32 pages. In a publicity
release, it's described as "an
indispensable source of tips, update
notices" - "New product information"-
"unbiased -reviews" and the latest
NEWS from the TI world.

Price: \$6.00 for four issues. Write
Asgard News c/o Asgard Publishing,
P O box 10697, Rockville, MD 20850

08/05/88: PAUL CHARLTON, MIKE
DODD AND PETER HODDIE JOIN DELPHI'S
TI NET SIG.

PAUL CHARLTON, the well known
programmer (Fast-Term for the 99/4A
and MDOS for the 9640) is now
EXCLUSIVELY available on the DELPHI
TI NET sig. He has been answering
questions on technical topics for
both computers and has had 3 lengthy
conferences where everyone has been
able to "talk" to Paul on line.

Paul has graduated college and is now
living and working in Denver. Paul's
Delphi username is TI994A.

Mike Dodd, who has been working on
several programming projects for
NYARC's 9640, some in collaboration
with J Peter Hoddie, is also now on
Delphi's TI NET and available to help
you. Mike's username is MV9640.

Last, J. Peter Hoddie, author of
MYWORD, PRESCANIT, and currently
working on running software for the
Nyarc HFDC (Hard Floppy Disk
Controller) is available under the
username GENEVE.

07/20/88 TIBASE being shipped.

TIBASE data base has been shipped to
9/4A owners. See June Micropendium in
the club lending library for an
extensive review. Even though
announced long after FIRST BASE,
TIBASE has reached market first. That
is a coup for TEXAMENTS, the
publisher.

FIRSTBASE - now long delayed,
supposedly is awaiting the 9640
version (possibly being worked on by
Mike Dodd and J Peter Hoddie) so that
the 99/4A and 9640 versions can be
released at the same time.

07/12/88 BILL KNECHT dead at age 41.

Bill Knecht, best known for his Faire-
ware disks of music for the 99/4A has
passed away after a long illness. He
was a member of the Houston UG and had
been sysop of their BBS. He is missed
by the TI community.

07/15/88 TURBO PASCAL for the TI-99
Now Being shipped.

L L Conner Enterprises has announced
that they are the exclusive North
American distributor for TURBO-PASC 99
AND THAT THEY ARE SHIPPING: Cost 59.95
It runs out of EA option 5 or TIN opt.
#3. For more info, write L L CONNER at
1521 Ferry St., Lafayette, IN 47904
of phone 317-742-8146

06/12/88 TICOFF sets '89 date.

Saturday March 18th, 1989 is the date
for TICOFF '89. This year Art Byers
will be in charge of speakers and
events, including classrooms for the
IBM as well as 99/4A. As in the past,
Carney Niems will be TICOFF's legal
advisor. More news of TICOFF will
follow closer to fair date.

05/15/88 Chicago TI Fair Set for Nov 12

Place: Holiday Inn, 3505 Algonquin Road
Rolling Meadows, Ill.
312 259 5000

Chicago TI Club hot line fair phones:
312 775 0051

Schedule: Social Mixer Friday Nov 11
8pm to 12 pm \$4.00 admission
FAIRE Sat Nov 12, 9am to 6pm
DINNER Sat Nov 12 7pm to 9:30 pm
admission \$10.00
Hotel rates \$55.00 single/double
65.00 tower
Limosine services: FREE to and
from airport.

REVIEWING PRINT WIZARD

-By Blair MacLeod, Associate
Editor, Toronto's Newsletter 979

Print Wizard consists of several
programs which gives the user the
ability to design and print cards,
signs, letterheads and banners. The
author and distributor is Barb Berg of
TRIO+ SOFTWARE.

Print Wizard comes with three disks,
one program disk and two data disks,
which data disk you use depends on the
printer you have. On the data disks
are eleven borders, six fonts and
about 28 pieces of artwork.
Personally, I would like to see more
artwork available. Basically the only
drawbacks to the program is its speed
and the positioning of text where
graphics appear, as the user has to be
careful to place graphics and text if
they don't want them to overlap one
another.

The program loads and gives an
attractive screen, where the user
selects the type of printer
(Prowriter/Epson FX or Gemini). All
selections are made from the keyboard
and are menu driven. Print Wizard is
so user friendly that I found it easy
to step through the menus without
reading the documentation. However,
the documentation is a comprehensive
manual which includes the various
borders, fonts and artwork thats
available on the data disk.

I use the GENEVE 9640 solely for my computing pleasure and PRINTWIZARD runs flawlessly on it. With the GENEVE's added speed, the project being printed is not so painstakingly slow. As an example, a greeting card consisting of; 2 pieces of art, 1 border and a seven word greeting took 17 minutes to print in TI mode. It was considerably less at speed five on the GENEVE.

As an example, the menu for designing a greeting card you would have on the screen >DESIGN PRINT EXIT on the first line. The second line contains FRONT and INSIDE and along the left margin you have ART, FONT and BORDER. Then the drive where the data disk is. From there you just make your selections, your artwork, the border and the font for your text. Your artwork can then be orientated in four ways, upright, inverted, rightside or leftside. You also have the availability to have four sizes and the ability to place your artwork in specified areas. You have the option of having the artwork printed normally or in mirror aspect. Fonts can be selected from a base of six, you can toggle the size from single to double. You can have centered text, left or right aligned text. The number of characters that is printed depends on the font selected. The menuing is very well done and there is even a shadow on the indicator to add the effect of depth. Included with the programme is a utility to convert artwork & fonts created from TI-ARTIST. This area will not be reviewed as I'm not a TI-ARTIST user. Also, when positioning the artwork the area you selected turns blue. All this adds a very pleasing and professional touch to the program.

Finally, in my opinion this program is worth it, available at \$25.00 (US) (from TRIO+ Software, Box 115, Liscomb, IA 50148) the friendliness of the program is fantastic and the final product is just great! Definitely recommended!

In closing, I would like to mention that this is the first time I've reviewed a program (officially in writing to a newsletter). It surely gives the writer the opportunity to test the program in order to report its performance (hopefully as accurately as possible) and you know what? It was FUN!

Blair MacLeod, c/o Newsletter 9T9,
109-2356 Gerrard St.
East, Toronto, Ont., M4E-2E2, CANADA
*****EoF*****

THE US ROBOTICS SPORTSTER 2400 MODEM
By Carney W. Mims

Those of you who are old-timers in the telecommunications field (in other words, you've been on-line for more than a year), will have already recognized that 2400 baud is well on its way to becoming the new standard for everyday microcomputer telecommunication, just as the 1200 bd standard replaced 300 baud not so long ago. One happy result of this transformation is the explosion of low-cost 2400 baud modems now reaching the market. You could of course choose on price alone, but as we all know, many of the companies in the peripherals business have about the same half-life as a microgram of einsteinium. This can be particularly distressing in the case of modems, since there is basically no way to assess the quality or reliability other than to rely on the reputation of the manufacturer. And the list of reliable manufacturers is a short one. There is, of course, Hayes, the company that created and defined the "smart" modem and still the maker of top-flight modems at top-flight prices. At the same level of price and quality is US Robotics, whose Courier 2400 helped define the 2400 baud modem. The Courier 2400 baud modem is a solid, durable device, but at \$450.00, it is not within the budget of most of us.

Fortunately, US Robotics has recently decided to change this situation by offering a low-price version of the Courier, the Sportster 2400. This model, which lists for \$250.00 and can be found by mail order for less, uses the same chip set as its more expensive brother. For this reason, it supports the entire Hayes command set, as well as US Robotics' highly-regarded proprietary error-correction protocol, called MNP. To produce the Sportster at a lower cost, US Robotics has changed to a smaller (about the size of a paperback book) case, cheaper switches, a cheaper speaker, and included a much less comprehensive, but still adequate, manual. By way of compensation for the reduced manual, however, the complete command set has been placed on a label on the bottom of the modem--much tougher to misplace. All in all, the Sportster represents an outstanding combination of quality and value, backed by one of the few stable big name companies in the modem business.

We can only hope that its presence will raise the standards of the low-priced 2400 baud modem market generally so we can all start uploading and downloading at 2400 speed.

CREATE YOUR OWN CURSER
By Bob Turner
New Horizons-Northwest Ohio 99'ers

I don't quite know how to give the proper credit to this routine, but whoever discovered this way to modify the cursor is an unsung hero.

While I have experimented with TI Extended Basic, I have learned many ways to make it do the things about which the manual never told you. Also, I have learned not to forget the clever programmers who offered their information and discoveries to the TI community.

Creating a cursor is rather easy, and once done, the cursor routine can always be used in other programs. If you understand how to define a character then understanding how to create a cursor is just as easy.

First, here is the TI Extended basic code to re-define the cursor:

```
100 CALL CLEAR : CALL INIT
110 CALL LOAD(8196,63,248)
120 CALL LOAD(16376,67,85,82
,83,79,82,48,8)
130 CALL LOAD(12288,255,129,
129,129,129,129,129,255)
140 CALL LOAD(12296,2,0,3,24
0,2,1,48,0,2,2,0,8,4,32,32,3
6,4,91)
150 CALL LINK("CURSOR")
```

Line 130 defines the cursor description (what it looks like). Defining the cursor is made rather easy because you are not using HEX but decimal.

Decimal 11281641321161081041021011

ROW 1	X	X	X	X	X	X	X	X	X	=255
ROW 2	X								X	=129
ROW 3	X								X	=129
ROW 4	X								X	=129
ROW 5	X								X	=129
ROW 6	X								X	=129
ROW 7	X								X	=129
ROW 8	X	X	X	X	X	X	X	X	X	=255

As you can see, the values come from adding the total value across each row to define the segments in the cursor. (Note X's in the figure and the weighted value that was totaled.)

After defining your custom made cursor, save it to disk and you are ready for your first run.

Run your program and look at your cursor. If you don't like it merely make some changes and run again. repeat this process until you are satisfied with your new cursor. The new cursor will stay until you turn off the console.

*****EoF*****

FIRSTBASE - Warren Agee's long worked upon and long awaited data base. The following is from a publicity release and is NOT a review:

- IBM style query commands
- Batch processing with four-function floating point math
- Multiple keyword searches
- Extremely large capacity
- Handy Macros

With FIRSTBASE, the new data base manager from Olyapys Technologies, you can organize, manipulate, and report data like never before. We listened to what users missed in other database managers, and what we've created is quite impressive. We increased record size to 3000 bytes, allowing you to store much more information than ever before. We allowed you to search for data using powerful query commands, similar to ones used on IBM compatible programs, so you can find exactly what you are looking for with a single command. We added a batch-processing capability, so you can perform "search and replace" functions or delete a group of records at once. You can ever perform MATH on any field. We added a MACRO feature so you can store frequently used commands on disk for quick recall.

SPECIFICATIONS

- 720 bytes/fields
- 3000 bytes/record
- 75 fields/record
- 32,767 records/databases
- 100 megabytes/file
- Search on multiple fields using AND and OR, or on keywords
- Search on multiple keys
- Queries sent to screen, printer, new database, existing database
- Flexible report generator
- Written in c99
- Requires 32k, disk and either XB, E/A, or TI-WRITER Cartridge.

-Myarc Geneve 9640 Comptable
SUGGESTED RETAIL PRICE: \$49.95

Available exclusively through GENIAL COMPUTERWARE, P.O. Box 183, Grafton Ma. 01519

Developed by Olyapys Technologies, Advancing software technologies.

Scheduled release date: Late June or early July, 1988.

FIRSTBASE written by Warren Agee. c99 language by Clint Pulley.
*****EoF*****