



---

*North Texas PC Users Group*

7.10

October 1988



**North Texas PC NEWS**  
(STARMAIL ADDRESS 51563)

Published monthly by members of North Texas Personal Computer Users Group for their use. Members each receive a free subscription; for others, price of the NEWS is \$2 per copy. Members are requested to notify the Membership Director in writing of address changes. Send all editorial correspondence to: North Texas PC NEWS, 2025 Rockcreek Drive, Arlington, Texas 76010.

Editor/Publisher  
John Pribyl (817)275-4109  
Newsletter Exchange Editor  
Tom Prickett (214)880-9087  
Software Review Editor  
Dick Gall (214)234-8888  
Advertising - Call the Editor (817)275-4109

The opinions expressed herein are those of the authors and do not necessarily reflect those of the Group or its members. Copyright © 1988 by North Texas PC NEWS. (Articles without specific copyright notices may be reproduced by other User Groups if credit is given to the author and the publication.)

**Deadline:**

All advertising and other material for publication in North Texas PC NEWS must be received by the NEWS staff by the 15th of the month. See copy deadline below.

**Articles:**

We would like to get more articles for publication in North Texas PC NEWS. Article submission is preferred via the Group Bulletin Board (to (M)ail, John Pribyl), or via Startext (to Mail Code 51563), or on disk (360K or 1.2M, 5 1/4 floppy). Prepare the material in ASCII format, unformatted. If you send a disk, please include a printed copy of the article to assure accuracy. If sending to the User Group Bulletin Board, use (M)ail mode, to John Pribyl. Include special formatting instructions, if any, with the article or in a separate (M)ail transmission.

Please do not indent, right-justify, or otherwise code the copy. If column alignment is critical, send two copies, one formatted, the other unformatted. If sending a disk, send along a hard copy that has been printed in the right format, with written instructions.

Double spaced, typewritten copy is acceptable if you do not own a modem or cannot put the material on a floppy disk. This copy must be received at least two weeks before the deadline to allow time for keying.

Send all material to the Editor at the address shown above.

**Circulation:**

North Texas PC NEWS circulation is 1428.

Member distribution is 1226; remaining copies are distributed to PC user groups around the country, and to advertisers, prospective members and others with common interests.

This issue of North Texas PC NEWS was composed using Xerox Ventura Publisher. Corel HEADLINE was used for some headings. Repro was printed on a NEC LC-890 Laser Printer. Typefaces include: Times, Palatino, Helvetica, and ITC Avant Garde.

**DEADLINE**  
Copy deadline for November  
NT PC NEWS:  
Saturday, October 15th.

Meeting Dates:

October Meeting - 3rd Sat. (15th)  
November Meeting - 3rd Sat. (19th)  
December Meeting - 3rd Sat.  
(tentative)

*Editor's Notes*

I'd like to thank our writers for all the good material they've been submitting for publication in the newsletter. If you've been on the verge of submitting an article or two, but just haven't gotten around to it, now would be a good time to tip the bucket and let the words pour forth. We have been a little short of articles for the last few issues. Check page 16 for preparation instructions, then fire up the word processors...

Elections soon. January is the month we elect a president-elect and three members to the board of directors for 1989. As required in the bylaws, we select the president-elect who will serve one year in that capacity before he or she becomes president the following year. Is this *your* year to serve?

We have an impressive list of volunteers assisting in operation of the club's activities. Check it out on page 6. These are the members who make it happen! If your name is not represented there, there's still time to get on board. What better way can you get acquainted with the workings of your club, and do your good turn all at the same time?

**Table of Contents**

President's Message . . . . .	1
Reagan Andrews, Ph.D.	
Processor Wars: Intel v. NEC	
Part 2: What Some People Won't Do for a Penny	3
Thomas J. Cook and Alan Lintel	
BBS Study Committee Report . . . . .	5
Fred Williams	
Wordperfect Refresher . . . . .	13
Allen S. Greenberg, UCLA PCUG	
Software Report -	
KeyNotes, The Instant Reference System . . . . .	16
Dick Gall	
On Complexity, No. 20 . . . . .	17
Jim Hoisington	
Agenda . . . . .	1
Personal Users Sched. . . . .	2
Advertising Price List . . . . .	12
Officers . . . . .	18
Membership Application . . . . .	19
Meetings & Times . . . . .	21
Features:	
Volunteer Guide . . . . .	6
Disk of the Month . . . . .	7
SIG Reports . . . . .	10
Write an Article . . . . .	16

**October 15** \_\_\_\_\_ **John Ogle & Timothy Carmichael** \_\_\_\_\_

9:00 AM - 9:50 AM

AUDITORIUM

**Persoft, Inc.**

\*IZE - Total Information Manager Software\*

Rick Kraus, Director of Product Management and Development, will describe and demonstrate IZE features, including automatic creation of structured outlines from unstructured text and data. Three free copies of IZE will be given (by drawing) to attending NTPCUG members, and hundreds of free demo disks will be available.

10:00 AM to 10:55 AM

AUDITORIUM

**AST Research, Inc.**

Jerry Bower, Sr. Marketing Manager of Systems Marketing, will present AST's vision of personal computing and current products, and will discuss AST integrated solutions with a peek at the future. AST products will be exhibited in Room #1059, near the auditorium.

11:00 AM to 11:30 AM

AUDITORIUM

**NTPCUG Business Meeting**

Get the latest and greatest. Attend the business meeting.

**Prez Sez... Wishes, Hardware, Bus-Power, Laughter and Rain**

Sometimes, I really wish things would just slow down. Sitting at my computer and writing this column, I'm looking at four new software packages that have been in shrink-wrap, unopened, for at least a month.

One, Microsoft Works, will be reviewed in the PC NEWS in a future issue by Phil Chamberlain who was as impressed as I when we saw it during the Microsoft meeting in August. Somehow, I don't think Microsoft intended that Works be one of their most impressive products—but it was, in spite of the attention on Word during the meeting.

Phil will tell you why in his review.

MemoryMate from Broderbund, Norton Commander Version 2.0 and Microsoft Windows/286 are the other three packages sitting on the shelf. Each has something to offer I'd like to sample, and each comes with documentation which I'm loathe to read. Eventually, I'll get around to all.

**Hardware—Three months in a row**

NTPCUG Members may wonder why we've had so much hardware as focus for the main meetings—three months in a row. Simple, that's where things are happening faster than most of us can keep up with. First was IBM's PS/2-70 series which was their first 80386 offering in real desktop versions shown at the August Meeting.

Texas Hardware from Dell and Tandy occupied our interest at the September Meeting with really excellent participation on the panel discussion portion, and AST will be showing and describing their new products at the October Meeting in quite a bit of detail.

**A new bus in town, and it's not DART**

There were some omissions from the September Meeting, due probably for fear of saying too much about the new Extended Industry Standard Architecture (EISA) announced September 13 by somewhere in the neighborhood of 40 - 80 PC vendors. At least that's our best guess. We hope it's not just poor organization. Is the new bus important? You betcha! It's in direct competition with IBM's MCA bus, and threatens to take the 32-bit standard away from Big Blue.

Major player in the EISA bid to overthrow MCA will probably be a Houston-based Clone maker according to stories in The Dallas Morning News and the Wall Street Journal. AST is also one of the players and may be able to talk about EISA at the October Meeting. ►

**Rain and laughter, followed by more rain**

It's no secret that Borland has been trying to schedule Philippe Kahn for one of NTPCUG's meetings for the last two - three years.

Actually, Borland's efforts along these lines are kind of a standing joke at NTPCUG Board of Directors' meetings. Borland says they are very interested in making a major effort to establish meaningful relationships with PC Users Groups around the country. Unfortunately, they are also one of the more disorganized major software publishers around.

**Scenario typically goes something like this:**

One of the Club officers gets a phone call from some PR person in California that begins "Hey, Phillippe really wants to talk to your group and may be in the area <some date when the Club doesn't meet>."

NTPCUG officer explains carefully the Club's schedule for the next three - four months, then has to re-re-explain that we don't meet on Monday evenings.

"Oh, well that's really neat, but Philippe's schedule is booked for the next <usually about six - eight months> and this is when we'd like to come to <sometimes the city is wrong> and get together with your group."

"Don't you want Philippe?" <usually said in a somewhat subdued, reverent tone of voice, but kind of surprised and shocked at the idea that anyone might not want Philippe>.

Just for members' information, Yes, we'd like to have Borland's founder talk to us. We also assure the individual on the phone of that fact. A repetition of planned Club meeting dates follows.

"OK, I'll get back to you in a day or so, and we can firm this up." <Usually the last communication via any media with this particular individual.>

But, it never ends here. Another Club officer receives a communication that "Philippe will be in Dallas <on the original-date mentioned in the first conversation> and plans to show you 'XYZ' <some Borland package> and wants to know how many people will attend." The really interesting feature here is that the call is initiated by a totally different person than the original caller, and one who is apparently completely in the dark about the first conversation.

Sometimes it gets pretty absurd with a second call from the first caller who is equally unaware that the second caller has also made contact with the Club. This may be to a third Club officer who is informed that the previous conversation was unsatisfactory as a result of the <first officer's or second officer's> inability to understand how "important" Philippe's time is and was actually rude to the first (or second) caller.

This can go on for months. Years.

The rain. Local Borland/Ansa relations have been pretty good in the past in spite of the above. That would appear to be a result of the individuals involved and their efforts to work with the user community. That may change. One of the more responsive local Borland/Ansa people has fallen casualty to the recent Borland RIF's that eliminated 13% of their employees.

Talk about shooting yourself in the foot...

Reagan

**North Texas PC Users Group  
Personal Users (Beginners) 16-Class  
Revolving Schedule**

Sched.	Class	ClassTitle/Description
Jan 89	1.0	Start Up
	2.0	Diskette Sizes & Formatting Each
	3.0	Copying & Backing Up Files
	4.0	Hardware
Feb 89	5.0	Fixed Disk Directories, Batch Files & Paths
	6.0	DOS Menu Systems on Fixed Disk
	7.0	Installation & Setup of LOTUS 1-2-3
	8.0	Running BASIC Programs
Oct 88	9.0	Writing Your Own BASIC Programs
	10.0	NTPCUG Disk of the Month Library
	11.0	PC Graphic Modes
	12.0	Bulletin Boards & Archive Programs
Nov 88	13.0	Printer Setup
	14.0	Writing LOTUS Macros
	15.0	Major Categories of Software Applications Available Today
	16.0	PCs to the end of the 20th and into the 21st Century

Four Classes are offered each month (at 9:00, 10:00, 12:00 noon, and 1:00 pm). Across four months all 16 of the classes are completed, and the cycle starts all over again. Each class is independent of the others, thereby allowing people to begin attending classes any time their schedule allows. The classes are free and are open to all beginners, novices, new PC owners, soon-to-be owners and personal (vs. professional) users. Come join us as we cover the fundamentals!

Bob Presley and Richard Terreo, Instructors

**DID YOU KNOW... ?**

Members of North Texas PC Users Group now have additional incentives to writing articles for their monthly newsletter, North Texas PC NEWS.

Writing four or more articles of at least 400 words during a single membership year entitles you to a one-year extension of your membership in the Group. At the end of your membership year simply forward a listing of your published articles and the month they were published to the Membership Chairman in lieu of dues.

## Intel v. NEC

### Part 2: What Some People Won't Do For a Penny

by Thomas J. Cook and Alan Lintel

Last month, we discussed the inner workings of the Intel 8088/8086 microprocessor. As we reported, Intel is currently suing NEC for copyright infringement over NEC's V20 and V30 microprocessors, which emulate the Intel 8088 and 8086. While Intel has licensed its microprocessor patents to NEC, it claims that NEC has copied its microcode. The microcode is internal to the microprocessor; its purpose is to interpret the assembly language instructions presented to the microprocessor.

The case has become infamous, not because of its unique place among copyright cases, but because the judge vacated his decision (holding in favor of Intel) after it was discovered that he owned \$80 worth of Intel stock through an investment club. Even though the Court of Appeals held that the judge's decision was valid in light of his minimal interest in the outcome of the case, the judge felt that justice would be served best by vacating the decision and assigning the case to a new judge.

Noble, perhaps, but foolish and unnecessary. A judgment in favor of Intel would, at best, result in a fraction of a penny change in the judge's stock holding. No one could seriously believe that a judge would jeopardize his integrity over a penny. On the other hand, trying a case of this magnitude may well have cost the parties a million dollars, which will eventually be passed on to the consumer. Further, we have no decision on a very important case.

More than any previous case, the NEC case demonstrates why a law drafted to protect books, art and music does not effectively protect software. As I've stated before, copyright law protects expression, not ideas. In this case, the microcode can hardly be labeled expressive, since no one is able to see it without reverse-engineering an Intel microprocessor. Even Lotus can hang on to the claim that a "/R" is expressive; but how can it be argued that something that cannot be seen or heard expresses anything?

Nonetheless, Intel has persuasive reasons why it should prevail. The design of a new chip is an undertaking which entails a substantial number of man-years, the cost of which must be recouped in profit from sales. If other entities are allowed to copy its work, without paying a license fee, Intel cannot recover its R&D expenses, and consequently will be forced out of the microprocessor business. Once

again, America will have lost a profitable business to the Japanese. NEC counters that if Intel prevails, then competition will be stifled, thereby producing inflated prices for unnecessarily inferior products.

Naturally, most consumers like to buy things at the lowest possible price. They also realize, however, that the most desirable products are available as a result of innovation, which must be rewarded. Therefore, most consumers are generally willing to pay a slightly higher price in order to ensure that future products will be forthcoming. Patents and copyrights provide an incentive to innovate rather than to copy someone else's work. To some extent, this stifles price competition. In the long run, however, the technical gains resulting from innovation result in better products at a cheaper price.

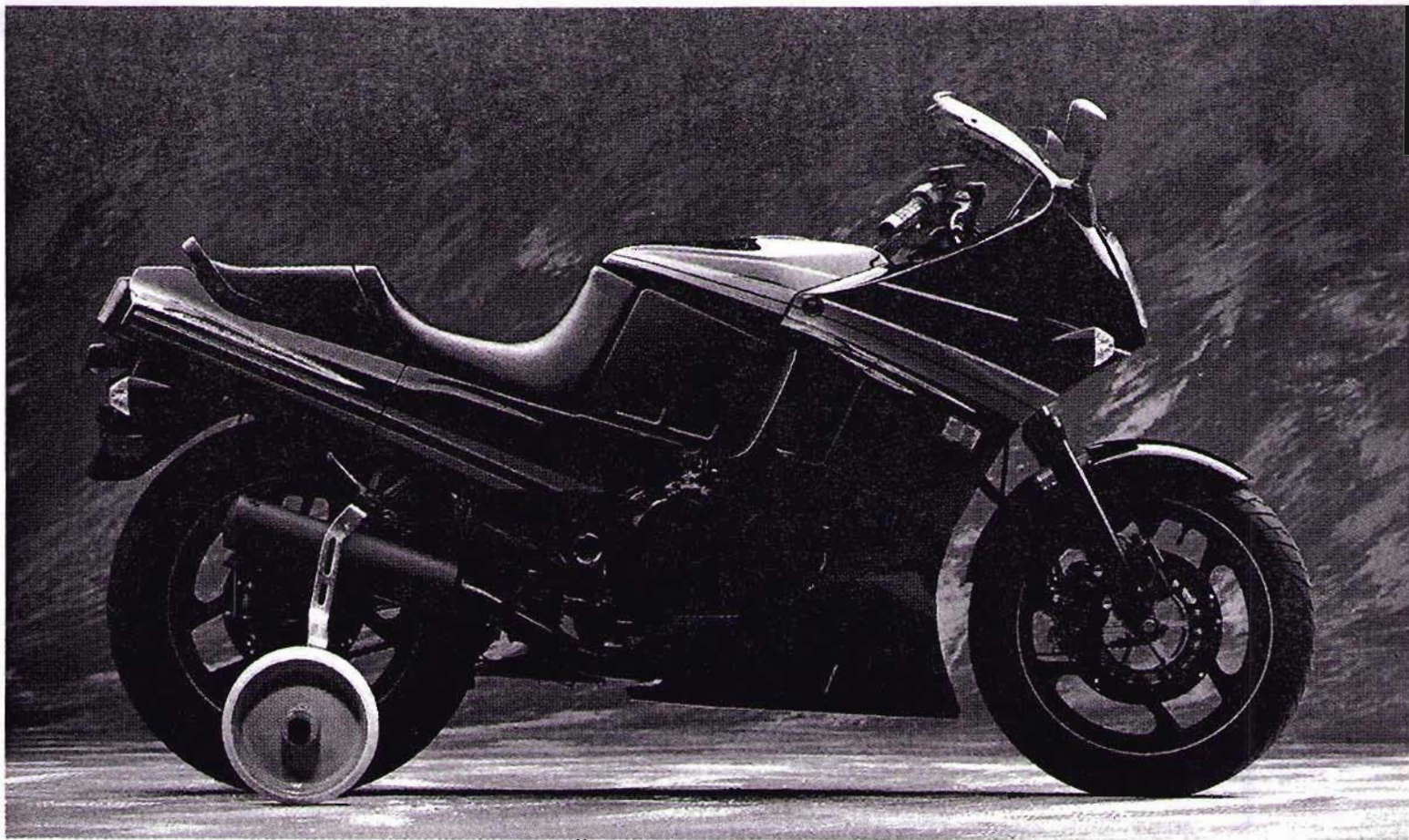
All this begs the question of whether the research and development of the microcode for the 8088/8086 microprocessor is the type of innovation we want to protect. I can't answer that question, because I simply do not know enough about the complexity of the microcode. If the microcode is such that there are many different ways of structuring it, then I would be in favor of granting it copyright protection, because it would lead to competition in producing the most efficient code. On the other hand, if there are only a few good ways to write the code, then it shouldn't be copyrightable, since there is no innovation in the expression of the code.

Intel has a few uphill battles in this case. First, three million 8088/8086's were sold without a copyright notice. A work will fall into the public domain if a proper notice is not affixed to each copy. An exception to this rule is available where "relatively few" copies are sold without the notice. Intel prevailed on this point in the first go-round, mainly because a great number of the chips without notice were made by NEC, pursuant to an earlier license to NEC as a second source of the 8088. The new judge has indicated that he has a hard time believing that three million of anything can be "relatively few."

NEC claims that the microcode used in its V-series chips was developed in a "clean room." In a clean room atmosphere, programmers are not allowed access to the original work, and therefore, are unable to "copy" the original. This theory has had mixed results in the courts - many courts have found that although the line by line code is not copied in a clean room atmosphere, the "structure" of the code is copied. NEC has another problem in this regard - Intel claims that NEC's code contains the same bugs as Intel's code - a sure sign of copying. Intel was also impressed with the speed at which NEC produced its microcode.

Intelligent minds could certainly differ on what the outcome of this case should be. I think, however,

continued on page 5 ►



# How we made the most powerful integrated software a whole lot easier to use.

Yes. There are ways to take something that's very powerful and make it easier to use.

Actually, with Symphony® 2.0, not only is this latest version of the world's most popular integrated program easier to use, but it's also more powerful than ever. So it can keep up with you as your capabilities grow.

For starters, since there's no copy protection, you can get Symphony up and running with much quicker and easier installation.

Once up and running, bingo, you have instant access to five key business functions: spreadsheet, word processing, database, graphics and communications. So you can prepare budgets, write memos, create inventory lists without having to go through the hassle of changing programs.

But Symphony is really more than five separate programs. Because, unlike other integrated packages, Symphony lets you dynamically integrate functions. For example, when you change spreadsheet data, your graph of that data and your memo containing the same numbers automatically reflect the changes. So you get

greater efficiency, and you're able to work faster too.

Plus, the Symphony spreadsheet is the fastest and most powerful spreadsheet available in integrated software, based on Lotus® 1-2-3®, the industry-standard spreadsheet technology.

We could go on about the many features of Symphony 2.0—how its macros let you automate complex or repetitive tasks and create customized applications. How the word processor now has a spelling checker and text outliner. And how database and communications have been improved.

The bottom line is that Symphony is one high performance package that's made to be opened up.

Current Symphony users: call 1-800-Trade Up and ask for extension 204 to upgrade to Release 2.0.



## Lotus Symphony 2.0

## BBS Study Committee Report

by Fred Williams

### Organization

The NTPCUG BBS Study Committee was formed at the request of NTPCUG President, Reagan Andrews. I was appointed Chairman. The committee's charter is to study our bulletin board system and recommend changes that will improve overall performance and enhance the services provided to members. The charter grants complete freedom for the committee to investigate all aspects of the BBS system.

One of the most important requirements for selection of members to the committee was a general disinterest in any one BBS software product. A high level of understanding of computer communications was also required. Other requirements included technical expertise, professional detachment, and willingness to work. I intentionally kept the core group small and an odd number to ensure lowest possible administration overhead and no tie votes.

Members of the study committee are:

**Andrew Chalk**

A well known software tool kit developer, who has had articles published in computer industry periodicals.

**Kent Cobb**

Leader for the Advanced Programmers SIG. Kent is also a prolific software developer and is well versed in computer system performance analysis.

**David McGehee**

A professional independent computer consultant who concentrates on the personal computer industry. Dave is a member of the NTPCUG Board Of Directors.

**Tom Prickett**

The current NTPCUG BBS Sysop (System Operator), has done the major share of the somewhat thankless job of providing the continuity and administration of the current BBS since its inception.

**Pete Testa**

The NTPCUG Communications SIG leader and a professional hardware troubleshooter. He is

quite well versed in the arts of computer communication.

**Fred Williams, Committee Chairman**

An independent consultant with a broad background in the computer industry, notably, the professionally linking of personal computers to other personal computers, minicomputers, and mainframes.

### Areas of Opportunity

Three specific areas selected by the committee for study are hardware, software, and administration. The current system is being examined and experimented with in an effort to bring some "immediate" (remember this is a VOLUNTEER committee who must work around things that put food on the table) improvements to the performance and usability of the BBS. This effort includes examination of potential improvements to the hardware and software mix that will improve the speed of message access. The base system is now somewhat dated and its greatest problem is related to disk access time.

The potential use of a disk cache is being studied and soon will be tried on a test system. The disk cache provides the greatest potential for an immediate improvement in overall BBS response. As with any group, there are those among us who are true optimists and feel that a new 386 system will arrive on NTPCUG doorstep (no charge) in the immediate future.\* As always, I hope they are correct. But, we are still experimenting with things which could help make the current BBS system last, shall we say, well into the Nineties if necessary.

The majority of user complaints, outside of those related to poor performance, are about the "Kludgy" user interface provided by the Chairman BBS software package. To address these complaints, the Chairman software is being studied to determine if anything can be done to improve the usability of the BBS. Also, there is a later release of Chairman software available, but as yet has not been acquired for upgrade. The committee intends to first determine if it is in the best interest of the NTPCUG to pay for yet another upgrade to the Chairman software. It has been estimated we will be required to operate the BBS using Chairman for at least six more months, no matter what the committee finds. If it looks like the overall performance of the hardware and software combination can be materially improved, the possibility of upgrading Chairman one more time will be more appealing.

Another area for potential improvement is the structure of BBS support group. A new administrative structure must be designed that will reduce administrative overhead, reduce the dependence of the ongoing BBS operation on any one individual, and reduce the individual time commitment for all those involved in maintaining the continued operation of the BBS. ▶

---

### Intel v. NEC continued from page 3

that everyone would agree that the worst outcome is no outcome. Someday soon we need to reach a consensus as to what can be protected by copyright. While copyrights are intended to spur innovation, the current uncertainty over what the law protects is creating a drag on innovation. With no new laws in sight, we can only hope that the Intel case sheds some light on a very confused subject.

**Member Input is Needed**

There is a survey published in this issue of North Texas PC NEWS. We are interested in the opinions of all who have used the BBS, especially those who have tried it and found it lacking. You are, in effect, dissatisfied customers who have found the BBS of little useful value, and we need to know why. For those who are not BBS users and have never even registered, why not? And, what would it take to make you want to participate? (Sorry, no BMW raffles or free beer for new members will be considered.)

**Future Reports**

This is our first public report. As things progress and more information becomes available, I'll compose another of these priceless synopsis of our committee's mighty strides forward. (...now, if I can just keep Andrew and Kent from taking every opportunity to take a "cheap shot" at their committee chairman things will move along rather smoothly.)

Fred

**Inside the North Texas PC Users Group Community**

Connie Andrews, Volunteer Coordinator

Volunteers are the lifeblood of the Club. This is another in a regular series recognizing those Club members who have contributed their time and efforts as volunteers to assist in presenting the monthly meetings.

NTPCUG Volunteers are listed by area(s) served at the September 10, 1988 Club meeting. Some volunteers worked in more than one role, hence some names appear more than once.

SIG Leaders, Officers and Directors of NT PC Users Group, the newsletter editor, staff and writers are all volunteers, and are listed separately in other sections.

**INFOMART Liaison:**

Stuart Yarus  
Robert Hilliard

**Presentation/Equipment Setup:**

Timothy Carmichael  
John Ogle  
Tom Fowlston  
Martha Eickman

**Vendor Assistance/Setup:**

Bob Russell  
Douglas McQuaid  
Raul Vela

**Information/Registration Booth**

C. D. Agee  
Connie Andrews  
Zina Ashby  
Robbie Colclough  
John Ferguson  
Martin Gluck  
Rick Griffith  
Allan Harbaugh  
Danelle Harris  
Scott Harris  
Grover Jones  
John Mackoy  
Sarah McIntire  
Eric Parsons  
Ardie Pinkney  
Bob Richmond  
Ed Steane  
Connie Testa  
O. G. Tyler  
Larry Tucker  
Ken Weaver

**DOM table**

Roy Bales  
Gene Carleton  
Charles Carter  
Jay Chambliss  
Don Chick  
Lonny J. Cordell  
Dawn Cuptt  
Joe Drissel  
Dean Duncan  
John Dyer  
Ronald Fairbrother  
Patricia Flautt  
Frank Guzewicz  
Barry Haigh  
Pat Henley  
Marshall Holland  
Dennis Johnson  
Jo Johnston  
Bob Karlebach  
Maurice Kelley  
Don Kerr  
Peter Lewis  
Cliffon Liles  
Dan Marmion  
Duane Martin  
Douglas McQuaid  
Stan Millam  
Bob Moren  
Tom Scurlock  
John Sheppard  
Jerry Stone

**DOM Central Committee**

Preston Brashear  
Charles Carter  
Kathryn Crawford  
Mark Grunner  
Howard Hamilton  
Hal Horton  
Kenneth Loafman  
Pete Testa, BBS Liaison

**DOM Review/Presentation**

Kathryn Crawford  
Mark Gruner  
Howard Hamilton  
Kenneth Loafman  
Jerry Sanders

**BBS Sysops**

Tom Prickett  
Maggie Mooney  
BBS Steering Committee

Andrew Chalk  
Kent Cobb  
David McGehee  
Pete Testa  
Fred Williams

**BBS Champion**

Dwight Neal

**PSSSSSST!**

*You do good work!*



Club policy is that volunteers registered in duty at the time of a drawing on meeting day are eligible to win even though not in the Auditorium.

We have need for volunteers in all areas of the Club for various activities throughout the month as well as on meeting day. If you are interested in participating, please drop by the Information/Registration Booth or the DOM Booth at the next meeting and sign up. Or contact Connie Andrews on the Bulletin Board or at 828-0699. You can volunteer for as little as an hour, or more if you can spare the time. Our members have discovered that it can be quite rewarding in terms of getting to know our Club and its people.





## Disk of the Month

by Kathryn A. Crawford

In September we released a series of educational disks. This allowed the reviewers and area editors to get the backlog of disks waiting for review under control. We would prefer to announce the disks that will be offered at the meeting in the newsletter that you receive before that meeting. The problem has been that the deadline for the next month's newsletter is a month before the next meeting date. The DOM's volunteers have been working very hard for the past months to organize the production of the DOM disks to the point where we would know a month before the meeting which disks were ready to be offered. My thanks to the reviewers, the area editors, and especially to Howard Hamilton, the DOM Production Manager, for all the hard work and donated hours that makes this possible.

...and now, The Disks of October!

### **Disk 304. Financial Consultant, version FC3000, by Jon Kolstad. Personal/small business checkbook & general ledger program.**

Financial Consultant is an updated and expanded version of Fred's Checkbook. This is a program that keeps track of income and expenses, with an easy to use statement reconciliation method to balance accounts. Reports can be printed for any specified time period, in detail or summary, in any format your tax accountant/CPA prefers.

This is a program that is designed to work like a manual system. Like the earlier versions, the idea is to funnel all expenditures through the checking account, in order to have a centralized source of expense information.

### **Disk 305. ON-SIDE 1.00 (1988), by Bill Willis, Expressware Corporation, Redmond, Washington A sideways printing program.**

ON-SIDE will take the spreadsheet and report files that are too wide to print normally and prints them out sideways down the paper instead of across. Now you can print reports down the page rather than using your printer's tiny compressed print font or physically cutting and pasting multiple pages together.

Seven different font styles are provided with ON-SIDE. All these fonts can be "stretched" (magnified) both vertically and horizontally. By magnifying the fonts in all their sizes and shapes, you have 175 different style/size combinations to choose from.

*Review prepared by Zack Porterfield.*

### **Disk 306. WSS Index 3.35 (5/88), by Robert W. Babcock. A disk cataloging program.**

This is a program for indexing files stored on floppy or hard disks. The database that is created contains all of the information normally available from the DIR command. Optional comments and

categories describing each file, subdirectory and disk can be added.

There are a number of utilities supplied with the program. The database may be printed with various sorting options, searched for specific file names, or searched by wild card. Additional functions include listing files without current backup copies and extracting directory information from ARC files.

The program is menu driven and easy to use without referring to the documentation.

### **Disk 307. HARD DISK MENU RELEASE III, ver. 1.5, by Jim Hass. A Hard Disk Menu System**

This is a menu system for your Hard Disk that allows you to make macros and install passwords to protect your hard disk. HDM also has an adjustable screen saver that will turn off the screen after a certain amount of time. The program is written in Turbo Pascal, uses a Lotus type menu to perform the maintenance, and can go to and from DOS.

*Review prepared by Don Mayfield.*

### **Disk 308. Wildcat! 1.03 by Mustang Software, Bakersfield, CA Bulletin Board System**

WILDCAT! is a bulletin board system designed to be used in a business environment, an environment in which the reliable exchange of information is of paramount importance. It incorporates features of other popular BBS programs, while providing extended features for familiar routines and utility functions.

The chief difference between this and other bulletin board systems is the emphasis on security features. The applications, messages and related files of business users contain data that is sometimes sensitive in nature. For this reason, WILDCAT! is admittedly security "heavy".

Practically anything that can be committed to paper can be incorporated into the system. Reports such as itinerary, expense, or sales call may be maintained by the system, as may inventory lists, inter-office communiques, and other important information.

WILDCAT! was written in assembler and Turbo Pascal, and assumes a system with the memory and storage areas capable of accommodating the many files and work areas that are required by the code during normal run-time.

### **Disk 309. Enchanted Castle 2.0 (12/24/87) Text adventure game.**

This is a challenging text adventure game, recommend for the above average game player. The castle is big, over 100 rooms, and the program gives a fairly decent description of each room. The game requires an extensive vocabulary. There are numerous items throughout the castle, and knowing the right verb to pick-up the items is a real challenge.

*Review prepared by Bill & Richard Bauman.*

### **Disk 310. EGA games #1. Games and displays for the EGA.**

This is an assortment of EGA programs collected by Gene Carleton over the last year. Gene's favorite is a kaleidoscope program, which he rates as the best ever. There is also a mapping program that displays the world and the USA, and a game called BULLSEYE that is a challenge to keep up with. ▶

The programs will not work on any kind of monitor other than an EGA.

**Disk 311. Future 86. A Demo of a new programming language from Development Associates, Santa Ana, CA.**

This is a programming language that is easy for a beginner to use, much more like English than C and Pascal, yet it supports Assembly language. For system programmers, the power gives more than enough room for experimenting.

This demo version contains examples of program modules. For people who want to experiment, the examples of the main and CGA library demo will NOT be satisfactory.

The base system package includes Future 86 compiler, kernel, debugger, utilities, demo files and manual. The cost is \$349.00. The complete package's total cost will be \$1,438.00, a hefty amount to invest for a new language.

Since Future 86 is still a new language to the MS/PC DOS world, it is not as complete as a fully mature language. One important part that it still needs is a database library.

## Educational Software Offered in September

September was Back-to-School month, and the disks of the month featured educational applications. There were a number of reasons for this, besides the one announced at the beginning of this column. We have had numerous requests from parents and teachers for educational applications. For people who need an tutorial to teach a particular skill, these disks will be of interest. We also have club members who do PC/software training in businesses. For these people, the design of the tutorials will be of interest.

The featured disk – Tutor.COM 4.4 (Disk 293) – is, in its registered version, a tutorial construction package. The shareware demonstration version serves as a PC/DOS tutorial. I have used this package with staff who have attended introductory computer classes, to reinforce what they have learned. The responses have been very favorable.

Besides the ever popular Tutor.COM 4.4, the following disks were released at the September meeting:

**Disk 294. C Tutor 1.0 (6/86), from Gordon Dodrill, Coronado Enterprises Comprehensive C primer with examples.**

This software is recommended for any beginning or intermediate C programmer. Non-programmers should not try to learn programming or C with this tutorial. Coverage of recursion, pointers, strings, structures, linked lists and C syntax is better than in many C manuals. A few programming problems are included at the end of most chapters.

This package includes:

- Over 100 pages of tutorial text
- 77 C programming examples
- A C Compiler comparison or guide (1986)
- A visual computer program
- A C source code line numberer and print program
- A Batch file query program similar to Norton Utilities ASK

Requires nearly any C compiler, editor and linker.

*Review prepared by Jerry Sanders.*

**Disk 295. Amy's First Primer (8/86) by Rob, Garth, and John Robinson, Computing Specialties, Orange City, IA 6 Educational Games - Ages 4-8**

Amy's First Primer (AFP) is a collection of six programs designed to help children with the alphabet, numbers, counting, shapes, matching, problem solving, and pattern recognition. Each game provides a positive reward for each correct response, but does not punish or scold the child for incorrect responses.

## The Games:

- **The ABC Song.** As the notes are played, the letter and a corresponding picture appear.
- **Beary Fun Letters.** This game will display a picture, then wait until the proper key is depressed which is the first letter of the picture. The game waits four seconds before showing the correct answer. This game teaches the keyboard and printed letters.
- **Bunny Letters.** Matching game where there are four pictures and four letters. The child is supposed to use the arrow keys to move the bunny to match the picture to the first letter of that picture.
- **Beary Fun Counting.** Like Beary Fun Letters except that it displays a set of fruit on screen. The child counts the pieces of fruit and presses the number representing the correct number of fruit shown.
- **Help The Froggy.** Maze game where the child helps the frog find its way to the lily pad. It takes about a minute to generate each maze so the song "Froggy Went a Courting" is played until the maze is displayed.
- **Load the Truck.** Matching game where there is an "order" of four shapes and the child "loads" the truck from "inventory". The order must be filled in the exact order shown on the screen.

*Review prepared by Mark Gruner.*

**Disk 296. Educational Games #1. A collection of Numbers, Letters, & Math Games**

This disk contains a collection of educational games and tutorials designed for children from age 4 to 14. A basic understanding of the computer keyboard is needed to play each game/tutorial. For your convenience a simple menu has been created to use all of the games.

**Scrambled Numbers & Letters Puzzle,** by James R. Reed. The object of the game is get the numbers or letters in order in as few moves as possible in a 4x4 square. There are 9 levels of difficulty. Use the arrow keys or a joy stick to move the numbers or letters to the open square.

**ALPH-OWL,** by Agnor Software. This is a spelling game, the user finds the letter in the alphabet and puts the letter in the ap- ▶

appropriate place in the word. There are a series of \*.OWL files that contain words to spell, and it is easy to create additional \*.OWL files using most editors or word processing programs.

**The Great Math Helper**, by Don R Barba. This is a math drill game. The game includes addition subtraction, multiplication, fractions, and mixed. There are 4 levels of difficulty. User can select the time limit.

**Learn Roman Numbers**, by Les Penner. Learn to convert Roman numbers to Arabic or Arabic to Roman numbers.

**Graphing Linear Functions**, by Don Ross, Microcomputer Workshop Courseware. Designed for children learning basic algebra, learning how to plot functions, and learning the Cartesian plane. The program uses numbers from 10 to -10 on the X and Y scale. The program also helps users simplify algebraic equations.

**Latin Tutor**, by Judy Penner. Judy is only 10 years old and wrote this short tutorial on Latin. Maybe this program will inspire the programmer in you.

*Review prepared by Mark Gruner.*

**Disk 297. French Teacher #1 ver. 2.1 (7/88)**

**French Teacher #2 ver. 2.1 (7/88)**

**Disk 298. German Teacher #1 ver. 2.1 (7/88)**

**German Teacher #2 ver. 2.1 (7/88)**

**Disk 299. Spanish Teacher #1 ver. 2.1 (7/88)**

**Spanish Teacher #2 ver. 2.1 (7/88)**

**Disk 300. Italian Teacher #1 ver. 2.1 (7/88)**

Disks 297-300 were written by Cindy and Andrew Bartorillo, Micro Tutor Products, Frederick, MD. The complete set is called the Language Teacher Series, which is a set of menu-driven language tutorial programs. The programs are written in BASIC and compiled with Borland International's Turbo BASIC compiler.

The programs are designed to provide practice drills to increase the student's working vocabulary and to perfect the use of the conjugation forms, not to teach conversational skills or pronunciation. The student can choose to drill from the foreign language to English or from English to the foreign language, choosing to answer multiple choice drills or to type in the correct word. The program keeps track of the responses and will display the score as the drill is in session. The student is given immediate feedback, with the correct answer displayed in response to an error. The registered versions have larger vocabularies, and allows the creation of user specific vocabulary files.

These disks would be very useful as an adjunct to a class in one of these languages. They provide the necessary memory drills that are not done in class and which is so very hard to do by yourself.

*Review prepared by Kathryn Crawford.*

**Disk 301. All About the States**, by Datamark Educational Software, Brookhaven, PA

This is an educational game about the 50 states. Four levels of play allow you to test your knowledge on the geography, history, industries and natural resources of the states.

- Level 1: An outline of the state is given, and you are required to enter the name of the state.
- Level 2: An outline of the state is given, and you are required to enter the capital of the state.
- Level 3: An outline of the state is given, and you are required to enter the name of the state and its capital.

- Level 4: An outline of the state is given, and you are required to enter the name of the state and its capital. Then the screen will change, presenting you with facts about the state and a randomly chosen about the state's geography, history, industries or natural resources.

You are allowed three attempts to correctly spell the state and three attempts to correctly spell the capital. After three tries the computer will spell the word for you. Points will be taken off for spelling errors.

*Review prepared by Kenneth Loafman.*

**Disk 302. World 2.0 (1986)**, by Robert Lloyd, Merritt Island, FL Display World Geography

This program will draw the world from different perspectives:

- Select by LAT and LONG
- Select by large area NAME
- Select by area of EUROPE
- Find using CITY or COUNTRY name
- Capitals of the USA
- Other CITIES of note
- NATIONAL CAPITALS
- Enter new info on Hurricanes
- The GLOBAL view
- Point at a location
- Approximate distance between two Cities

It will also display hurricane tracks for the years provided. The source of these tracks is an ASCII file that can be entered via a standard text editor.

Locations can be added to the world map by using an ASCII editor to add NAME,LAT,LONG for any place in the world. A sample file is included.

*Review prepared by Kenneth Loafman.*

**Disk 303. Time Travel in History**, by the Students of MYPRO Inc., Anaheim, CA, A History Trivia Game

Time Travel in History is a history quiz that can be expanded to include whatever questions you want to have in the quiz. The program HISTORY.BAS presents you with a menu of major time frames (with some free slots). The user then chooses one of these time frames and the quiz begins. You obtain gold pieces for each correct answer. The more gold, the better you remember the history you learned in school. It's all multiple choice, thus easier than fill-in-the-blank or essay. (Remember the dreaded essay question?)

The program QUEST.BAS can be used to generate questions to be added to the time frames already in place thus expanding the difficulty of the quiz.

This version came to us at the NTPCUG with the CATALOG.ASC file missing. A CATALOG.ASC file is provided to keep the program from crashing. IF ANYONE OUT THERE HAS A COPY OF THE CATALOG, PLEASE FORWARD A COPY TO THE DOM.

*Review prepared by Kenneth Loafman.*

**Coming in November --**

The GREAT ARC QUANDARY, in which we sing new verses to the Sue-me Sue-you Blues.

Featuring: • A review of the lawsuit between SEA (System Enhancement Associates, Inc.) makers of ARC and PKWARE, Inc. makers of PKARC. • Release of PK 3.61. • Introduction of Zoo 2.00.

## Selected SIG Happenings

### News and Meeting Notes on Special Interest Groups

(Material for this column should be sent to Zack Porterfield, SIG Coordination, before the 15th of the month.)

#### Assembler SIG

The September meeting of the Assembler SIG began with a discussion of a relatively new assembler, OPTASM from SLR Systems. This assembler is faster than MASM as a result of performing all operations in a single pass and performs certain optimizations in its choice of 8086 op-codes and automatic calculation of short jumps.

Later, discussion turned to the feasibility of a SIG programming project. Two ideas that were raised were re-writing ANSLSYS and re-writing the IBM PC video BIOS (INT 10h functions). If you are interested in either of these projects, please give them some thought before the October meeting. With respect to the BIOS project, read the BIOS listing in the IBM PC Technical Reference manual and see if you can't outline how such a project would be divided up among several people. At the October meeting we will go through the video BIOS line-by-line and attempt to construct a flow chart of its operation.

Mark your calendar for November, as we are fortunate to have a presentation by one of our own members, James Dunn, who will discuss run-length encoding of a bit-mapped graphics image. Given the increasing importance of graphics, and the potential size of high-resolution graphics images, compression becomes an important topic. James speaks with the benefit of several years of professional graphics experience. The source code is in assembler and C, making this presentation of interest to C SIG members as well.

Andrew Chalk

#### Communications SIG

The September Communications SIG discussed numerous interesting topics including Protocols, FAX, Everex Modems and 9600 BAUD modems after a short FYI presentation regarding some features of the new RS-232-D specification.

The October 15 Communications SIG will host a presentation from a Communications specialist from AST Research.

Pete Testa

#### DOS SIG

DOS 4.0 – Just say "NO" – was the motto for the September DOS SIG Meeting at INFOMART. Significant problems with IBM's newest PC-DOS version were outlined in some detail by members reporting their experiences. DOS SIG Co-leader Jim Hoisington reinforced the overall negative opinions, but added that some hope was on the horizon.

According to President-Elect Hoisington, the Microsoft version of DOS 4.0 will "fix" the many identified bugs in PC-DOS 4.0 when MS-DOS 4.0 is released late this year or early next year. In response, speculation was aired by several at the meeting that IBM appeared to display disinterest in the quality of the current release and probably would resort to releasing a "fixed" version under another DOS release instead of as patches or replacements for the present 4.0 version.

Alternative OS's for multi-tasking were discussed at some length during the meeting. Although several show promise, Reagan Andrews, SIG Co-leader, reminded participants that ability to remain in business and provide product support is critical to OS's and PC history is filled with orphaned OS's that were equally promising, but failed because their publishers were unable to provide either criteria.

October DOS SIG Meeting will

focus on problems related to upgrading older DOS versions to newer releases, including the often unanticipated difficulties experienced when switching from PC-DOS to MS-DOS and the reverse. Attempt will be made to discuss when new releases are advisable, and when users should resist the temptation to upgrade their DOS to later versions.

Reagan

#### Hardware Solutions SIG

The September Hardware SIG had reasonably good attendance, considering that the Shootout presentations were during the same time slot. We discussed various hardware problems requested by the members.

AST RESEARCH will present the October program. They will have two speakers at the SIG.

*Len Herbstman,*  
Senior Product Manager,  
Enhancement Products Group.  
Senior Product Manager of the  
AST Rampage.  
AST's expert on the different  
Enhanced Expanded Memory  
Specifications.

*Tom Hartsell,*  
Senior Product Manager  
Advanced Products Enhancement  
Products Group.  
Senior Product Manager for  
AST graphics products.  
Involved in the selection and  
development of future graphics  
products.

The AST Presentation will cover:

1. The Evolution of Expanded Memory Specifications
2. AST Expanded Memory Products and How They Can Add to Your Computer's Performance
3. VGA, The Wave of the Future is Here Today
4. How To Turn Your 8088 Based Computer Into a High Performance 80286 at Minimal Cost

Dave McGehee

**R:Base SIG**

The new R:Base SIG will be meeting for the first time at the October NTPCUG meeting. Initially, forming the core of this relational database forum are members of the North Texas R:Base Users Group. The group leaders are Alan Alberts (214/242-1094) and Don Branham (214/352-0888). The group hopes to assist users of R:Base with problem solving, database design, as well as advanced application development.

This first meeting we will be pleased to present Russ Levinton from Microrim, Inc.. Russ will be giving an in depth demonstration of the many features of R:Base for DOS ver 2.1. This would be a perfect opportunity for those not familiar with this powerful RDBMS to see a good demonstration and put questions to the Microrim representative. The new R:Base Com-

piler, due to ship this fall, will also be discussed.

Alan Alberts

**Stock Market Investing SIG**

This group is interested in utilizing personal computers for fundamental and technical analysis in the trading of stocks, options, mutual funds, bonds and commodities. Software reviews, guest speakers, and general bull sessions will be in order.

This is not an investment club passing out tips but rather for those, ranging from novice to pro, who have a common goal - making money in the market - and are ready to take charge and manage their own portfolio. This is not a fun and games group - this is a serious investment SIG led by non-professionals who have a vested interest in the subject.

The last meeting was a presentation of "INVESTOR'S EDGE" and "THE ANALYZER" by Telescan of Houston. This is a unique emerging company in that it provides software for both (1) a data base for stocks and mutual funds, and (2) a technical analysis program for manipulation of the data base. Telescan has developed a format for the transmission of data which significantly reduces online time. This, in turn, reduces cost to the end user.

Telescan has offered a group purchase at a reduced price. This is a one-time offer which must be finalized at the next Sig meeting on October 15th. Contact Dr. Jerome Ingles at (214) 696-3611 for details.

The next meeting will feature a presentation of the TECHNICAL INVESTOR by the Savant Corporation.

Cliff E. Murphy ■



# AST TOTAL SOLUTIONS

OCTOBER 15, 1988

9:00 - **HARDWARE SIG**

*EMS, VGA, EXPANSION FOR YOUR 8088*

10:00- **GENERAL MEETING**

*AST VISION OF PERSONAL COMPUTING*

12:00-**COMMUNICATIONS SIG**

*NETWORKING, 3270, 5250 EMULATIONS*

2:00-**ADVANCED PROGRAMMERS SIG**

*BUS ARCHITECTURE STANDARDS*

**SWAP SHOP**

Four lines free each month to members; 5th through 10th lines and non-members, 30 cents per word. Larger ads at commercial space rates. Send check to the Editor for words exceeding the four-line limit. Free ads are on a space-available basis. Mail ads to the Editor.

Wanted: Used IBM-PC or Compatible with minimum config: 256K, mono, I/O card, & 2 floppy drives. Roy at (214) 243-8422.



**COMPLETE  
DESKTOP PUBLISHING  
SYSTEM FOR SALE**

Xerox 6084 with Large Screen, 20 meg H-D, Model 4045 - 50 Laser Printer, All Cables and Software, VENTURA PUBLISHER, Writer III.

Contact: Laser Copy, Arlington, 467-7896  
M-Th 9-8 pm or Fri & Sat 10-6 pm or come by  
3200 South Cooper. Terms Available

**\$49**

**CUT LASER  
PRINTING COSTS  
IN HALF**



**Advanced Process Brings You The  
Long-Life Recharged Cartridge**

- 100% guarantee
- 30% longer lasting
- FREE pick-up & delivery

**LRS**

Laser Recharge Service

(214) 437-4837

**Advertising Prices & Policies**

North Texas PC News

**Ad Prices:**

	1X	3X	6X	12X
2-Page Spread	\$200	\$160		
Full Page (7" x 9")	\$120	\$ 95	\$ 85	\$ 75
Half Page (7" x 4 1/2")	\$ 80	\$ 65	\$ 55	\$ 45
Qtr Page (3 1/4" x 4 1/2")	\$ 50	\$ 40	\$ 35	\$ 30
Business Card (2" x 3 1/4")	\$ 30	\$ 25	\$ 20	\$ 15

Reduced rates for multiple insertions of same ad. Requires prior commitment in writing and payment in advance (3 months minimum).

**Swap & Shop Prices**

\$ 0.30 per word. (80 words maximum per ad.)

**Deadlines:-**

All advertising copy must be received by the PC NEWS staff no later than the 15th day of the month. Publication date is ten days before the monthly meeting of North Texas PC Users Group.

**Policies:**

Commercial ads must be in repro form, in final size, ready for printing. Halftones must be furnished as final size screened prints. Swap & Shop ads must be typed, or neatly hand lettered. No ads on front cover. No bleed pages. No color. Related ads only; suitability is at discretion of the Editor.

**Payment:**

Payment in advance.  
Make checks payable to North Texas PC News.

**Address:**

Mail advertising copy and payment to:  
Editor, North Texas PC News  
2025 Rockcreek Drive  
Arlington, TX 76010  
Call the Editor if additional information is desired.:  
817/275-4109



**Computer Help**

"Providing PC solutions  
and training"

**(214) 522-HELP**

# Wordperfect Refresher

by Allan S. Greenberg, UCLA PCUG

I have accumulated some tips and tricks for users of *WordPerfect*. This list is not meant to be an introduction for beginners, because I have been fairly terse in my descriptions on the use of the features. Rather, I intended it to be of use for those people who are already acquainted with the features provided by *WordPerfect*. Or, to the user who perhaps would like a refresher on some less well known features of *WordPerfect*. I do not mean to give you the impression that this list to be complete. For example, I do not mention indexing, newspaper or parallel columns, math functions, and so on.

The features that I describe here are valid for version 4.2. I believe most of them will work equally well in version 5.0. However, I am just beginning to use the new version, and I have not checked all of them out in the new version. I recommend the book, *Advanced WordPerfect: Features and Techniques*, by Alderman and Magid (Osborne McGraw-Hill), for those of you who want to use *WordPerfect* to its fullest capacity.

## I. Cursor control/screen editing

### A. Repetition counter

When you press the Esc key you see a number in the left hand bottom corner (n=8). This number tells *WordPerfect* how many times you want an operation to be repeated. The initial value, 8, is the default number and it can be changed to any number you want. For example, to go down six lines press Esc, 6, arrow-down. To delete ten lines below the present position of the cursor, press Esc, 10, Ctrl-End (Ctrl-End deletes to the end of one line, so coupled with the repetition counter, you delete ten lines.)

To delete one word, put the cursor in the word and press Ctrl-backspace. And to delete the next five words you would press Esc, 5, Ctrl-backspace. As in all *WordPerfect* operations, the position of the cursor is very important.

### B. Undo command

Suppose you just followed my advice and erased ten lines, but you only meant to erase four lines. Simply press cancel and *WordPerfect* will give you the choice, 1. Restore. If you enter 1 the damage will be undone (You can go back as far as three previous acts using the cancel command in this way.)

### C. Page jumping

Suppose you have a long document and you have to make changes on several different pages. You don't have to press the PgDn key thirty-four times to go to

page 34 (assuming you are on page 1). You can use the repetition counter, Esc, 34, PgDn or the GoTo command: Ctrl-Home, 34.

## D. Advanced cursor controls

1. To move the cursor back to wherever it was before you made the cursor movement, use the sequence Ctrl-Home, Ctrl-Home (e.g. GoTo two times).

2. To position the cursor at the beginning of your most recent block (even if the block is no longer highlighted) use Ctrl-Home, Alt-F4 (equivalent to GoTo Block). See the next section for some more hints on the block feature.

## II. Ease of changing text

### A. Block command

The block command (Alt-F4) allows you to select text and then apply an operation to it. This is a very powerful way to modify text. For example, you can delete the next three lines by pressing Alt-F4, arrow-down, arrow-down, arrow-down, Del. You could have also done the same thing with the repetition counter (Esc, 3, Ctrl-End). However, with the block command you can also move the cursor up, and delete the lines above the present line. The Block command coupled with the Move (Ctrl-F4) allows you to select the text (using Block), copy it or cut it, out and then put it somewhere else (using Move).

Another use of the Block is to select some text and change it to all caps if it is lowercase or vice-versa. To do this first use Block to select the text, then press Switch (Shift-F3).

### B. "Hard" commands

Suppose you want to end a page and start another. Simply press Ctrl-Enter (this is a hard page break, HPg). Suppose you have a two-word item you don't want split up, like San Francisco. You want what is called a hard space, Home-spacebar. Suppose you want to keep a hyphenated word from being broken up, as in father-in-law. Use Home, hyphen (underline) key. However, this may be tricky, because the auto-hyphenation function may override you. If you want to propose to *WordPerfect* where it may insert a hyphen use the soft hyphen, Ctrl-hyphen. You can also turn off the auto-hyphenation, or modify it (Shift-F8, 5; 1 turns off, 2 turns on, e.g., 1, 5 turns off the auto-hyphenation.)

### C. More on hyphenation

In the auto-hyphenation mode, Esc will accept the proposed separation, while Cancel will force the entire word to the next line. Note that the auto-hyphenation function is not a syllable separation, but a line-formatting aide. ►

### III. Printer

#### A. Default setting

1. The default will insert a vertical tab equal to 6 lines, or one inch (at 6 lines per inch) unless reset.
2. The default page length is 66 lines, but text length is 54 lines for an 8 1/2 by 11 inch page, and can be changed by using the page format (Alt-F8, 4).

#### B. Printing selected text or pages

1. If the file already has a name, you can print only those pages you want by going to the printer control screen (Shift-F7, 4) and choosing P for Printing. Then enter the path \filename , 1-5, 13, 14-16, 25-36 and so on. If you only want one page, the command would be path \filename 34, 34 for page 34.
2. To print highlighted (blocked or selected) text, use the Block command to select the text, and then use the Print command. (You could save the selected text to a file in a similar manner by just using Save (F10) and specifying a name for the selected text.)

### IV. Other

A. To place a page number in a header or a footer, put the cursor in the left margin where header/footer is to begin and enter header/footer command, and place a Ctrl-B where you want the page number.

B. To change margins of headers/footers, go to the end of the document to position the cursor, enter header/footer then exit. The reason for this is that the *WordPerfect* program searches backwards when looking for footer/headers.

C. To center a line that is already typed, put the cursor in the left margin of the line and enter the Center command, then use the cursor down key and the line will center, if the line has a hard return (which it must have in order to do this operation).

#### D. Column commands for the cursor

1. To GoTo left/right column, use Ctrl-Home left/right arrow.
2. Ctrl-Home-Home left/right arrow moves the cursor to the first/last column.

### V. Treasures for aspiring power users

A. In reveal codes, any key other than Search Forward, Backspace, Search Backward, Del, or the cursor repositioning keys (including Home, Home-Home-Up, etc.) returns you to the normal editing mode.

B. To set incremental tabs, enter the starting position, and then the desired tab interval; e.g., 10, 8 will start the tabs at column position 10, and set a tab every eight spaces.

C. To center on a tab, use the tab then Shift-F6 or go into the tab setting and, using the tab options, specify

C (for center) on the tab setting where you want centering.

D. Search uses the Search Forward (F2), or Esc to start.

E. Search and Replace allows ^X (Ctrl-X) as a wild card. In search, the enter key (HrT) is considered a searchable key. You can use the Block function to delimit the search.

F. To list files for only certain types of files, use wild cards at the prompt, e.g. C:\WP\\*.BAK. You can mark files with the \* key, or mark all files using Mark Text = Alt-F5, then unmark with the \* key. You can do collective operations on marked files. For example, you can delete all marked files.

1. Use the Text In mode in List files (F5, 5 on highlighted file) to retrieve ASCII text, or you can use Text In/Out (Ctrl-F5, options 1 to 3).

G. Windows, (Ctrl-F3, 1) allows sharing of the same screen by two different files, or different parts of the same file.

H. Append Block with "Block On;" use Ctrl-F4, then 3 for Append (note that the choices are different when block is activated). This will allow you to append or add the selected block to a file. (Similar to the DOS angle-bracket directive.)

I. Printer Options: use Shift-F7, option 3. These options change just for the print job immediately following the choice, while option 4 puts the changes into effect for the whole *WordPerfect* session.

J. To pause for input in a macro, Ctrl-PgUp + HrT + "sample input" + HrT. To pause in writing to the screen, use Ctrl-PgUp + (0 to 255) + HrT, where 0 = no delay (0 delay), but gives visibility to macro actions; or delay = number/10 in seconds, except 255 is reserved for normal speed execution, but with the macro invisible. Delay = Ctrl-PgUp delay\*10 HrT Ctrl-PgUp 255 HrT

K. In doing a sort, key 5, action, gives the option of doing Select and Sort or with key 5, Select only.

L. You can reformat all notes after a margin setting change by using the count function in the speller!

M. Printing to diskette is option 8 on the printer definition menu, then use copy filename device-name; as an example: COPY C:\WP\MISC\MASTERLET LPT1:

Q. Printer codes, option A in print format (Ctrl-F8) will send literals and escape codes as , e.g. Q will send to the printer esc Q.

O. Ctrl-Home + Ctrl-Home (e.g. ^Home ^Home or ^Home twice) returns the cursor to position before the last operation. ►



P. *WordPerfect* accepts command line arguments. You can use *WordPerfect %1* in a batch file, where %1 is a command line argument, or you can enter the command line directly. Some examples:

1. WP /R loads *WordPerfect* into RAM (assuming you have a RAM disk, of course).
2. WP /M=MACRO, will execute a macro on start up; specify the path for the macro (or *WordPerfect*) if it is not in the default directory.
3. WP /R /D:F:\ puts *WordPerfect* temporary files in the root directory of the F: drive (best that you have).
4. C:\WP\WP C:\ARCANE\MISC\MOM.LET gives complete path names to starting up *WordPerfect* with the file MOM.LET in the subdirectory MISC which in turn is under the subdirectory ARCANE.

I hope some of these tips, or reminders, are of some help to all those "WordPerfectFiles." Pun, fully intended.



...l-o-v-e those volunteers!

Inc.

where value means service and savings **985-0889**

Store Hours  
Mon-Fri 9:30-6  
Saturday 10-5

4621 W. Park Blvd.  
Suite 105  
Piano, TX 75075

- IBM / Macintosh Software
- Peripherals, Supplies & Accessories
- Hardware / Software System Solutions

### IBM Software

<i>dBase IV</i> .....	Call
<i>Draw Applause</i> .....	\$299
<i>GrandView</i> .....	\$170
<i>Great Plains Acct. Series</i> .....	Call
<i>Inside Track II w/Guide</i> .....	\$60
<i>IZE</i> .....	Call
<i>Lotus 1-2-3</i> .....	\$269
<i>Lotus Agenda</i> .....	\$260
<i>Microsoft Excel</i> .....	\$315
<i>Microsoft Word 4.0</i> .....	\$209
<i>PageMaker 3.0</i> .....	\$499*
<i>Q&amp;A</i> .....	\$205
<i>Rapid File</i> .....	\$219
<i>Sprint by Borland</i> .....	Call
<i>WordPerfect</i> .....	\$239

\*Free one-hour introduction with purchase

### Seiko CM-1430 Color Monitor

- IBM PS/2 comp. VGA monitor
- Sharp 640 x 480 resolution
- Compatible w/IBM 8514 A graphic adaptors (1024 x 768)
- Automatically switchable resolution to 1024 x 768 pixels

List price \$995  
**Software STOP price \$645**

### Mark Your Calendar

*Product Demonstrations by Manufacturer Reps.*

- Q&A (Symantec)  
4 p.m., Thurs., Oct. 20
- Draw Applause (Ashton-Tate)  
4 p.m., Thurs., Oct. 27
- D Base IV (Ashton-Tate)  
4 p.m., Thurs., Nov. 10

### ALPS Allegro

*24 Dot Matrix Printer*

- 180 cps drafting mode
- 3 (60 cps) letter quality fonts
- 200 print variations for ea. font
- Fully comp. w/leading software
- 360 x 180 dpi resolution
- Streamlined paper travel w/paper parking
- Emulates Epson™ LQ-2500
- One-year warranty

List price \$499  
**Software STOP price \$395**

**Test Drive Before You Buy**  
Prices are subject to change and availability.

## Newsletter Article Submission.

We would like to get more articles for publication in North Texas PC NEWS. Subject matter is your choice. We've had feedback recently that many members would like to see more articles for new computer users. If you can't write an article for some reason, send in your ideas for subjects you want to read about in the newsletter. We have some excellent writers out there who would write more articles if they only knew the topics you would like covered.

Article submission is preferred via the Club's Bulletin Board (to (M)ail, John Pribyl), or via Startext (to Mail Code 51563), or on disk (360K or 1.2M, 5 1/4 floppy). Prepare the material in ASCII format, unjustified. If you send a disk, please include a printed copy of the article to assure accuracy. If sending via the User Group Bulletin Board, use (M)ail mode, to John Pribyl. Include special formatting instructions, if any, with the article or in a separate (M)ail transmission.

Please do not indent, right-justify, or otherwise code the copy. If column alignment is critical, send two copies, one formatted, the other unformatted. If sending a disk, send along a hard copy that has been printed in the right format, with written instructions.

Double spaced, typewritten copy is acceptable if you do not own a modem or cannot put the material on a floppy disk. This copy must be received at least two weeks before the deadline to allow time for keying.

Send all material to:

Editor,  
NTPC Users Group  
2025 Rockcreek Dr.  
Arlington, Texas 76910

All material submitted will be considered for inclusion in the newsletter. The Editor reserves the right to edit the articles as necessary to maintain NTPCUG standards, including grammar, suitability, and length to fit available space.



MAKE MY DAY!



## Software Report

by Dick Gall

### KeyNotes - The Instant Reference System

KeyNotes is a five level pop-up information system that organizes your most valuable reference data, facts, and figures for instant recall and display. Upon command, it opens an on-screen window into KeyNotes files while your original application program is still in progress. Customized procedures, instructions, tables, lists, help information, etc. are immediately accessible when you need them most.

The memory-resident system uses less than 35K of RAM, and runs on a PC with a minimum of 128K. The package includes:

- a text editor for creating new info files or modifying existing files
- sample reference files covering:
  1. DOS commands
  2. BASIC programming
  3. Common abbreviations
  4. Spreadsheet macros
  5. International dialing codes
- user manual: printed and on-line versions
- key word search
- run-time module for access to data files

Digital Learning Systems publishes the KeyNotes reference system, list price is \$99.95.

Also available are standalone versions of KeyNotes already loaded with information on a specific topic:

#### The Writer's Handbook

This tool includes instant reference material on such topics as abbreviations, capitalizing, diction, expression, footnotes, grammar, italics, names, and spelling. \$39.95.

#### The Associated Press Stylebook

Information from the AP Stylebook is available as a KeyNotes system for \$59.95.

#### Sample Diskette

The publishers of KeyNotes have provided approximately 100 copies of their KeyNotes demonstration diskette for distribution to club members. These will be available while they last upon request at the Disk-of-the-Month table at the next meeting. For further information, contact Digital Learning Systems, 4 Century Drive, Parsippany, NJ 07054, Phone 201-538-6640 or 800-992-0264.

Dick

## ON COMPLEXITY

*No. 20 in a Series*

by Jim Hoisington

Sometimes warranties on PC products are not what they appear to be. This is the story of my AST Rampage AT board and its two year warranty.

I bought an AST Rampage AT board early last December so that I could try out some of the software that used extended and expanded memory. Typical of my schedule, I didn't get around to installing it until the middle of January of the year, just beyond the 30 day return limit offered by the dealer. The extended memory worked well but the expanded memory only worked occasionally. It also generated spurious carriage returns on my screen. No problem, I thought. AST has a two year warranty on the product.

AST has a non toll-free technical support number in California. For the first month and one-half, I was told, after a 3 minute hold on each call, that there were no technicians available. But if I would just leave a telephone number where they could reach me during the next 48 hours, they would call me back. I work at as many as 8 companies over the course of a month and usually have less than 8 hours warning to schedule my itinerary. So I just continued to call.

Finally, I got through to a technician. He told me that I had the wrong version of their software. All I had to do was to package up the diskette that came with the board and send it back to them and they would send me a diskette with the current version. So I packaged up the diskette and made a trip down to UPS and waited.

About a week later I got a diskette back with the same files with the same date and the same time and the same file size. Loading the "new" software into my system changed nothing.

During the next long distance call, the technician told me that the problem was that I have a Video 7 - Vega Deluxe EGA card driving my CGA monitor. So I went out and bought a CGA card. Installing the CGA card changed nothing.

Next, I was told that the problem was with my BIOS because AST had never heard of the brand that came with my computer. So I replaced it with the latest Phoenix BIOS. The AST board still failed in same manner.

During the next call I was told that although my clone AT was running at 6 mhz, it was not running

with 1 wait state. When I protested that the 1 wait state was not mentioned on their packaging or in their documentation, I was told that was what "TBM compatible" meant. A call to manufacturer of my computer verified that I was indeed running at 6 mhz with 1 wait state.

Finally, AST reluctantly issued me a return number. About a week after my trip down to UPS to ship the board to them, it came back.

The expanded memory finally worked consistently but the board still generated spurious carriage returns on the screen. Considering the fact that it was now late June and I had invested more time and money trying to get the board repaired under AST's "warranty" than I had originally paid for it, I resolved to buy a competitor's board, move my memory chips over, and throw the AST board into the lake behind my house.

After I had time to reflect on the situation, I felt that I owed AST a letter describing my treatment and my feelings about future purchases of any of their products. I wrote a letter to Safi Qureshy, who is the S in AST, essentially describing what I have repeated here.

A week later I received a telephone call and a letter from Robert Sullivan who is director of Product Support at AST. He proposed that I send the board back again. But what I found amazing is that both on the telephone and in the letter he stated that the procedure that I went through was the procedure that they wanted me to go through although the process was supposed to be faster!

There is an old Texas saying, "Fool me once—shame on you. Fool me twice—shame on me." Needless to say I didn't send the board back to them.

If that is AST's procedure for fixing their products under warranty, then I would be willing to bet that they will not last very long in this very competitive marketplace. If nothing else, they could provide a diagnostic program on the almost empty diskette that came with the board that would check for all these "incompatibilities" that they seem to have. It would certainly have saved me a lot of long distance telephone calls. Better yet, they could list all these requirements somewhere on the packaging so that people would not buy their products if they did not want to meet all their hardware requirements.

I'll end with the opening sentence from my letter to Mr. Qureshy. "I will never buy another AST product and I think that you should know why."

Jim

▲



## North Texas Personal Computer Users Group, Inc.

P.O. Box 780066, Dallas, TX 75378-0066

Phone (214)746-4699 for recorded information about the User Group and meeting dates.

### Board of Directors

Reagan Andrews, Ph.D., Chairman     Jim Hoisington  
Phil Chamberlain                     Sid Nolte, Ph.D.  
Kathryn Crawford

The North Texas PC Users Group, Inc., is a non-profit, independent group, not associated with IBM or any other Corporation. Membership is open to owners and others interested in exchanging ideas, information, hardware, predictions, and other items related to IBM Personal and compatible computers. To join the Group, complete the application blank printed elsewhere in this issue, and send it with \$24 membership dues to the Membership Director whose address is shown at the bottom of this page. A subscription to the newsletter is included with each membership.

### Officials

#### President -

Reagan Andrews, Ph.D. (214)828-0699 h  
President-Elect - Jim Hoisington (214)416-3101 h  
Program Chair. - John Ogle (214)869-2880 w  
- Timothy Carmichael (214) 331-6303 w

Treasurer - Joe Brophy (214)891-8187 w

Secretary - David McGehee (214)681-0202 h  
Membership Dir. - Robert Kolodner (214)821-6015  
Disk of the Month - Kathryn Crawford (214)596-2539  
Group Statistician - Connie Testa

### Special Interest Groups

#### SIG Coordinator

- Phil Chamberlain (214)243-5034 h  
- Zack Porterfield (214)434-1844 w  
Astrometry - Arlin Collins (214)351-5137 h  
Assembler - Andrew Chalk, Ph.D. (214)226-3461 h  
- Stan Milam (817)548-1573  
Business Applic. Bruce Schubert (214)991-5967 w  
C Language - Sid Nolte, Ph.D. (214)233-6178 h  
CAD/CAM - Mark Cook (214)420-8504  
- John stovall (817)382-0411  
Communications - Pete Testa (214)495-7506  
- Wm. Bennett (817)346-0862 h  
- (817)762-3059 w  
Cryptanalysis - John Taber Metro 430-8173  
- John Thomas (214)660-1823  
DAC Software - Mike Macaulay (214)960-6656  
DBase - David Hayden (214)644-0923 h  
- Jack Aitken (214)218-1346  
DOS - Jim Hoisington (214)416-3101 h  
- Reagan Andrews, Ph.D. (214)828-0699 h  
Genealogy - Minnie Champ (214)341-6507 h  
Hdw Solutions - David McGehee (214)681-0202 h  
- Gary Johnson (214)937-9676 w  
- (214)937-5851 h  
LOTUS - Mark Gruner (214)964-8174 h  
- Pat Henley (214)229-9216 h  
Personal Users - Bob Presley (214)867-1679 h  
-Richard Terreo (214)307-1259

Programmers - Kent Cobb (214)343-3554  
- Jim Hoisington (214)416-3101 h  
Stock Market - Cliff Murphy (214)279-7973  
- Richard Hoierman (214)341-4774 w  
Turbo Pascal - Don Chick (214)276-2524 h  
- Stan Milam (817)548-1573  
Wordstar - Quentin Marshall (214)746-4880  
- Cliff Kinard (214)746-4880

*NOTE: To access the BBS from  
outside Area Code 817, use Area Code 817.  
(This is NOT a toll call from Area Code 214.)*

BULLETIN BOARD SYSTEM - (817)461-0425 (Metro)  
(817)461-0506 (Metro)  
SYSOP: - Tom Prickett (voice) (214)690-9087  
Asst. SYSOP. - Maggie Moomey  
Technical Advisors: Fred Williams  
Pete Testa

#### Address Changes, etc...

Payment of dues, address changes, and inquiries about membership should be directed to  
NTPCUG Membership Director  
P.O. Box 780066  
Dallas, Texas 75378-0066

*(Check newsletter mailing label for your renewal date..)*



MEMBERSHIP APPLICATION
North Texas PC Users Group, Inc.

The NTPCUG is a non-profit, independent organization of individuals learning to apply personal computers to practical problems. For additional information about the Group, call (214)746-4699.

NAME: (Last) \_\_\_\_\_ (First) \_\_\_\_\_ (MI) \_\_\_\_\_

ADDRESS: \_\_\_\_\_ (Suite/Apt) \_\_\_\_\_

OCCUPATION/PROFESSION: \_\_\_\_\_

CITY: \_\_\_\_\_ STATE: \_\_\_\_\_ ZIP: \_\_\_\_\_

PHONE: Home (\_\_\_\_\_) \_\_\_\_\_ Work (\_\_\_\_\_) \_\_\_\_\_ (Ext) \_\_\_\_\_ (Check Preferred. #)

Do you want access to the Club Electronic Bulletin Board? YES [ ] NO [ ] Already Have [ ]

The NTPCUG expects and encourages volunteer participation by members in helping put on the monthly meetings at INFOMART. This usually consists of a few hours of your time each year. If asked, would you consider assisting the Group with one or more of the following activities:

[A] Working with NTPCUG Volunteer Committees?

Volunteer Areas from [A] above (Please check all that apply.)

- [ ] Information/Registration [ ] Newsletter [ ] Financial/Bookkeeping
[ ] Equipment Setup [ ] Disk of the month (DOM) [ ] Publicity/Public Relations

[B] Giving a talk or demonstration to a small group?

[C] Giving a talk or demonstration to a large group?

[D] Being a volunteer, informal "consultant" in your area of expertise for NTPCUG members?

Would you be interested if the Group arranges instructional courses (at various levels) in any of the following areas at a cost per student of approximately \$5/classroom hour?

(Please circle or specify, indicating level preferred, i.e., beginning, intermediate, advanced)

- [A] Spreadsheet software - Lotus 1-2-3, Supercalc4, etc. (Please specify)
[B] Data Base software - dBase, RBase, Reflex, etc. (Please specify)
[C] Word Processing software - Word Perfect, Wordstar, etc. (Please specify)
[D] Integrated software - Framework, Symphony, etc. (Please specify)
[E] Programming Languages - APL, Assembly, BASIC, "C", Fortran, Forth, Pascal, (other)

Payment Received: Cash \_\_\_\_\_ Membership Classification: Regular (\$24.00) \_\_\_\_\_ Application Status: New Member \_\_\_\_\_

Detach below for record of payment.

Applications should be mailed to:

North Texas PC Users Group
P.O. Box 780066
Dallas, TX 75378-0066

(Make checks payable to NTPCUG)

Payment: \$ \_\_\_\_\_ Check No. \_\_\_\_\_ Date: \_\_\_/\_\_\_/\_\_\_ by: \_\_\_\_\_



# North Texas PC User Group Bulletin Board System Survey

Survey Due 1 November 1988

The following survey is to find out your opinions of the NTPCUG RBBS. We hope to take the information derived from this survey and use it to improve the RBBS for the overall membership. Please answer the questions on the survey, (attach additional pages if more space is required), and send to the NTPCUG no later than November 1, 1988 at the following address: (Reproduced copies of this form are acceptable.)

North Texas PC Users Group  
P.O. Box 780066  
Dallas, Tx 75378-0066

Thank you for your help in making the RBBS better for our club.

NTPCUG RBBS Committee

1. Are you satisfied with the NTPCUG RBBS? Yes [  ] No [  ]
2. Would you like to see changes made to the club RBBS? Yes [  ] No [  ]
3. Please list below the things you like best about the club's RBBS.

A: \_\_\_\_\_

B: \_\_\_\_\_

C: \_\_\_\_\_

D: \_\_\_\_\_

4. Please list below the things you dislike about the club's RBBS.

A: \_\_\_\_\_

B: \_\_\_\_\_

C: \_\_\_\_\_

D: \_\_\_\_\_

5. Please list below in order of importance to you the features and capabilities you would like to see on our club's RBBS.

A: \_\_\_\_\_

B: \_\_\_\_\_

C: \_\_\_\_\_

D: \_\_\_\_\_

6. Would you pay for new features on the RBBS? Yes [  ] No [  ]

7. If you would pay, would you rather pay:

- A: For all features and services on the RBBS. [  ]
- B: Only for features and services you decide you wish to use. [  ]
- C: Only for the predetermined quantities of features and services selected by you. [  ]

8. Would you be interested in donating your time and skills to supporting the club RBBS? Yes [  ] No [  ]

Member's Name: \_\_\_\_\_

Member's Signature: \_\_\_\_\_

Member's Area Code: \_\_\_\_\_

Date: \_\_\_\_\_

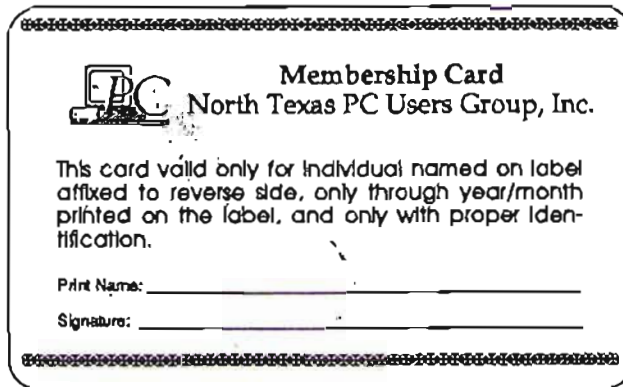


# MEMBERSHIP CARD

This is your membership card in North Texas PC Users Group. You will need it for identification at Disk of the Month sales, group purchases and other activities. This card is valid only for you, the person named on the label on reverse side. It is valid through expiration date shown on the label.

When trimmed, the card will fit transparent badge holders available at your stationers.

Wear your membership card while attending meetings and other functions of the Users Group.



Trim card to wallet size.

## Meetings & Times



9:00 AM - 9:50 AM (AUDITORIUM)

Persoft, Inc.

"IZE - Total Information Manager Software"

Rick Kraus, Director of Product Management and Development, will describe and demonstrate IZE features, including automatic creation of structured outlines from unstructured text and data. Three free copies of IZE will be given (by drawing) to attending NTPCUG members, and hundreds of free demo disks will be available.

10:00 AM to 10:55 AM (AUDITORIUM)

AST Research, Inc.

Jerry Bower, Sr. Marketing Manager of Systems Marketing, will present AST's vision of personal computing and current products, and will discuss AST integrated solutions with a peek at the future. AST products will be exhibited in Room #1059, near the auditorium.

11:00 AM - 11:30 AM (AUDITORIUM)

NTPCUG Business Meeting

Come see and be seen.

## Special Interest Group Meetings...

Scheduled SIG times could change. Check the Bulletin Board just before the meeting. Check room numbers on the overhead display in the lobby at INFOMART.

9:00 - 9:55  
Assembler  
DOS  
CAD/CAM  
Hardware Solutions  
Personal Users

10:00 - 10:55  
Astrometry  
Personal Users

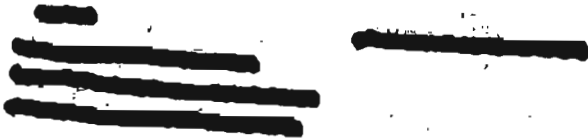
11:30 - 11:55  
Orientation  
12:00 - 12:55  
C Language  
Communications  
Personal Users  
Stock Mkt Investing

1:00 - 1:55  
Business Applications  
LOTUS  
Personal Users  
Turbo Pascal  
2:00 - 2:55  
Advanced Programmers  
Cryptanalysis  
DAC Easy Accounting  
dBase Programmers

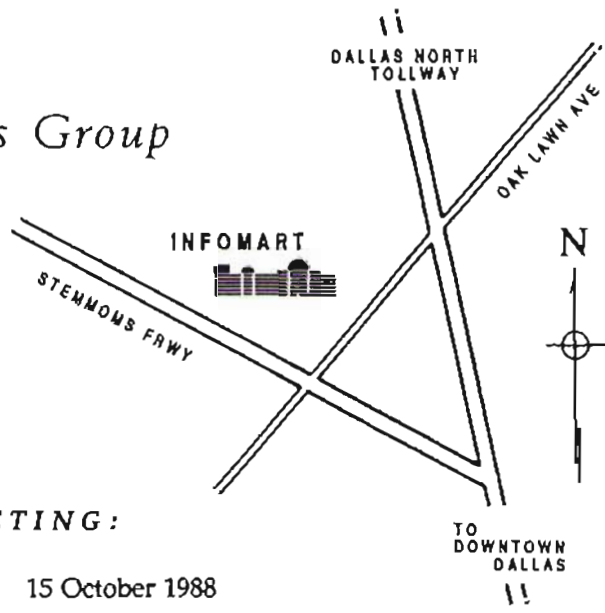
North Texas PC Users Group  
P. O. Box 780066  
Dallas, TX 75378-0066

Address Correction Requested.

Non Profit Org.  
U. S. Postage  
Paid  
Arlington, TX  
Permit No. 823



*North Texas PC Users Group*



**NEXT MEETING:**

15 October 1988