



NOVEMBER MEETING

Our next meeting will be on the 14th of November at the Glenside Public Library on Fullerton Road in Glendale Heights, IL. We will be given a product presentation of 4 part harmony music by Mike Knudsen. Mike will be putting through the steps, his own software/hardware music programs and in addition, the different products from Speech Systems. For a short intro, how does 12 part harmony grab you! Well come to the November meeting and give Mike a listen.

TIB-BITS

For all of you serious software 'hackers', you might want to look into the "Northern Bytes" newsletter, edited by Jack Decker. The last issue was 22 pages, packed with information from games to details on building a clock/calendar. For information, contact The Alternate Source, 704 N. Pennsylvania Ave., Lansing, MI 48906, or call (517) 482-8270.

CLOSING NOTES

Following is a three year break down of Tandy's computer business;

Product Category	1985	1984	1983
Model III/4	16.0%	25.8%	28.1%
Mod II/12/16/2K/6K	11.7	19.4	21.4
Mod 1000/1200	14.2	--	--
Color Computers	7.8	10.3	9.8
Portable/Pocket	5.1	6.0	3.1
Printers	14.3	17.0	16.5
Software	11.2	8.6	9.2
Other	19.7	12.9	11.9

'Other' includes paper, ribbons, furniture and all the computer accessories that Tandy sells.

In Tandy's annual report for fiscal year 1985, computers amounted to 31.4% of their \$2.841 billion in sales. Although their computer unit sales were up nicely, declining prices cause the dollars to drop about 3% from fiscal year 1984. The above chart is based on the dollar value of warehouse shipments and represent the percentages of total computer sales...If this is of interest to anyone, GREAT! If not sorry for taking up your reading time! See you all in November.

((( ZZZ ))) HELLO MEN ( ZZZ )

Well it's been over two weeks since the now famous COCO MADNESS PARTY and I do believe that I have caught up on the missed sleep! How about you? In review, the get-together was the best yet. I guess if you do something enough times, you should get it right. And right we did! In total we had 10 systems up and running and it was non-stop fun. There was however, some casualties of note and I believe we need to address the loss of two cases of beer & pop and all but one small bag of chips. I can not put my finger on this loss, but I did notice just about everyone was leaving with full bellies and disks!!! In closing to this opening, there are some thanks to give out to the following club members; Jim Stegen, Ron Steiberg, Keith Gerue, Ken Johnson, John Keller, Bill Perrin, Tony Podraza & Tim McLain. With all of their help and the help of the club members who could make it, I say THANKS!!!

OK' boys, it's rumor time...During the COCO MADNESS PARTY, Ken Johnson announced that he had received information about a SUPER COCO coming out by years end. This news came to Ken via a Tandy employee, and there was some hope that during the Rainbow Fest in N.J. that Tandy would make the official announcement. To the best of our knowledge, there was no word about a new system. With this in mind here is the low-down as we have received it. The SUPER COCO will be supported by the 68000 microprocessor and will use OS-9 as an operating system. This computer will come with 128k of memory (expand to 256k) and will stay compatible in large to current software. To get the full scoop about this new system check out the ads for the Atari 520ST or the Commodore Amiga. Both systems are build around the 68000 microprocessor and the SUPER COCO should include some of the same features. The highlights of the 68000 is the ability to generate over 2,000 different color patterns, super hi-res screen (this is where a color monitor is a must), great graphics and animations & SPEED. So if you know someone that is thinking about one of the systems mentioned above, tell them to hold off a little while to see if the Super COCO comes to pass.

## SOFTWARE NEWS

Spectrum Projects, Inc. has introduced a new software package called 'PEN-PAL'. This integrated applications software package is for the 64k, disk based CoCo and offers versatility and power with an added advantage of ease-of-use. The five components in this package (word processing, spread sheet, databas management, graphing and telecommunications) are accessed from a central menu. A key feature with this package is the ability to pass data and files between the spreadsheet and the wordprocessor. In addition you can also graph spreadsheet data directly using the graphing package. The communications component works on ANY file produced by any of the four other functions. Following are features that can be found in 'PEN-PAL: 640x480 RES 51x24 screen; full cursor oriented word processor with complete editing features; 255x255 spreadsheet which includes most of the features found on other CoCo programs and adds many more; full screen, advanced database management system with versatility; advanced graphics display system for producing graphs from the spreadsheet in pie, line, dot or bar format with axis labels; full communications capability for file transfer, upload, download, terminal operations, etc. The big feature with this package is it's EASY-TO-USE, EASY-TO-LEARN operations and applications. Spectrum Projects is offering an introductory price (until January 31, 1986) of \$69.95. For more information contact,

Spectrum Projects, Inc.

PO Box 21272

93-15 86th Drive

Woodhaven, NY 11421

For a rush order call, (718) 441-2807

There is a \$3.00 shipping charge and a \$2.00 handling charge. Spectrum will except only real money (cash/check/money order).

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Want to add some life and speed into your basic programs? There is a program out there called 'THE CBASIC COMPILER' by Cer-Comp that will compile basic programs into 100% - 8088 Machine Language Programs! In an upcoming meeting there will be a showing on this program and you will be able to see it first hand just how a GREAT compiler works. If you want a sneak preview, check out page 10 of the Nov. Rainbow or page 11 of the Dec. Hot CoCo.

## PROGRAM HINTS

It's been awhile since this section surfaced, so lets get into it...To get more Tanks with ROMMEL 3-D, do the following. Load in the ROMMEL basic program, type DEL4 and at the OK prompt type in POKE &H499B, (you put a number value of how many tanks you want where the 'x' is). Then type in EXEC and play away! To get into any starting level with DRAGON SLEYER, load the BIN program and at the OK prompt, type in POKE &H40F1,x (you put a number value of what starting level you wish where the 'x' is). Then type in EXEC and play away!

Here are some oldies but goodies POKE you may want to try out;

PROGRAM: Zaxxon

COMMAND: POKE 25624,x

RESULTS: x is any number of ships from 1 to 255

PROGRAM: Zaksund

COMMAND: POKE 16670,x

RESULTS: x is any number of ships from 1 to 255

