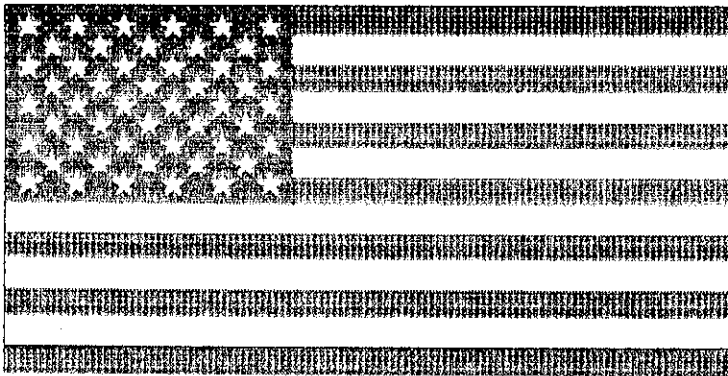
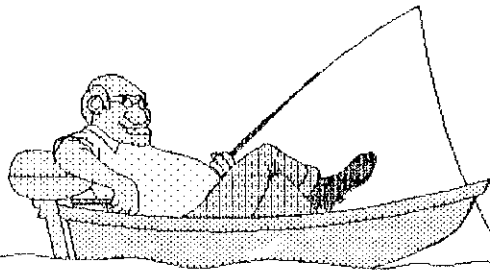


SLAVES AND OTIUG newsletter

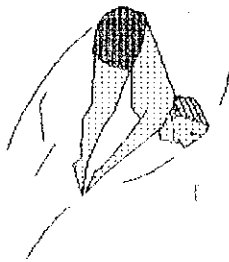
JUNE 1992



FLAG DAY



FATHERS DAY



DON'T FORGET
THE OTIUG PICNIC
LOOK ON BACK
OF NEWSLETTER
FOR MORE INFO.
SEE EVERYONE
THERE.....

FESTWEST "NORTH" 93

HOSTS: Ogden TI Users Group and
Salt Lake And Valley Users Group of
Ogden and Salt Lake City, Utah

LOCATION: Howard Johnson Hotel
122 West South Temple
Salt Lake City
Utah 84101

Rates: \$55 for 2 persons
\$62.50 for 3 or 4
Persons

Phone: (801) 521-8138 or
(801) 366-3684 or
(801) 322-5867 (FAX)

Date: February 13 and 14 1993

For more information write to:
FESTWEST "NORTH" 93 COMMITTEE
1396 LINCOLN APT B
OGDEN, UTAH 84404

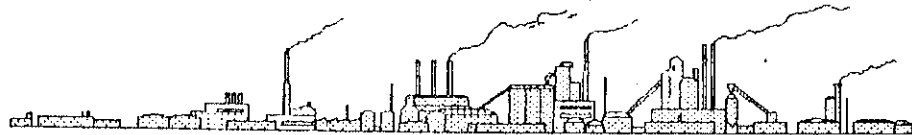
OR call the Salt Flats BBS at
(801) 394-0064



What's Happenin'

by

Joe T. Masarone
(Pres. TI SLaVes)



Excuse...I need an excuse! I'm sorry I have none. I've been a badd boy! Wait! I have several...
OOOPS! That was last month's article!

Ok here goes.... This newsletter should have a sample of our FestWest North '93 Logo. This logo was voted on by the participants of last month's FestWest meeting. The Logo is a combination of two of SLaVes' members; Rick Phillips and Mel Bragg.

Many thanks to Mike Berry. His demo last month on accessing BBSs via a Ham radio was very interesting! Good job!

This month it's Dave Mischler's turn. Dave will demo his 80 column card. That is if his new monitor has arrived.

Earlier this year I offered this newsletter space to anyone who

wanted to voice an idea, opinion, or short story. Not many of you have taken the opportunity. So I will...

Soap Box
I have been considering... actually I'm almost sure. I'm voting for Perot. Why? The best response is why not?! The other two candidates offer more of the same. Big inept government. I'm not against big government. I'm against inept government! Government that is led by incompetent political appointees, foolishly spends our tax dollars, and care MOST about self perpetuation.

Political appointees head each government "Department". These men (and woman) know very little about the agency they head. They are awarded their positions because they served the winning

party in some capacity or another. Very few (any?) are selected because of their expertise. These "Yes" men and woman are just that. The entire government's management infrastructure is full of butt-kissing, any thing you say types. How can innovative changes take place in this environment?

I think Perot will be in a position to stop this practice. He has no one to pay back.

The National Debt is out of control. I don't think either "party" candidate will correct this. Bush hasn't been able to do it! One of the biggest factors of our Debt is government waste. Government spends too much needlessly (I'm out of room... The intent of this diatribe. Next week... religion. NOT!)

TACOMA 99ERS USERS GROUP
DISK PATCH WITH CORCOMP MANAGER

This is for those that have Disk + Aid. Or are contemplating getting this program.

The newest version uses a block sector load. As it stands now the load begins at sector 22. Now if you also have a CorComp Disk Controller Card, the manager starts at sector 30. A minor overwrite problem! So I found a way to change the loader for Aid to start loading at sector 91, directly after the manager program. Below are the steps to modify a disk for both programs.

1. Initialize a disk, installing the manager.
2. Copy a 15 sector program like FORMA2. This will fill the 14 sector block. 14 for the program and 1 for the directory.
3. Copy "DISKOBJ" to the disk. It will start at sector 91.
4. Copy "DISK+AID" next.
5. Using a sector editor, "AID" should be located at 0C3-0CA. Look at sector 0C3 then at hex 6C, it should read "22" change this to 91. Write this back to disk and now it should load.
6. IF NOT, redo the above again. I have done this twice so I know it works.

Remember one thing. If you decide to copy this NEW disk. Do a sector copy, or follow the above steps for the programs listed above. Otherwise they will be out of order and will NOT load!

CSGD LABEL MAKER & A COLOR PRINTER

by Mark Wacholtz

Or...Editing Steve Hoshield's CSGD Label Maker for a color printer....

First off I'll tell you this has to be the best SGD Label Making program to date! Not only can you edit, save, and reload a graphic label, you can configure the whole program to suit your needs! From screen color to default names, to print codes. It does it all! While I'm speaking of print codes, did you know that you can have three color CSGD labels?

At first I had a little problem. I was entering the color codes after the information already present. The result was when the graphic printed a bunch of garbage was included with the graphic.

I then tried placing the color codes before the other graphic data and it worked great!

To place your favorite color combinations just go to the section in which you can edit codes and hit enter until you get to the prompts as I've listed here. I've enclosed the color code below in parenthesis so you can find the area to edit easier.

SET GRAPHICS MODE	ADDITIONAL CODES FOR TEXT	ADDITIONAL CODES FOR HEADER
07 (1B 72 00) 1B 28 00	09 1B 78 01 1B 0B 00 (1B 72 06) 00 00	0D 1B 78 01 1B 0B 02 (1B 72 06) 1B 7E 31 05
set color single density to black print	Set NLQ set font set color to Roman to green	set NLQ set font set color sets double Courier to red Height and width on my
To change colors to your liking just edit the string 1B 72 nn, change the nn to equal your choice of color.		
00=black 01=red 02=blue 03=violet 04=yellow 05=orange 06=green		

Hope you enjoy...and have FUN!!

PLUG PERIPHERAL

REPAIRLOG

LOG OF REPAIRED GEAR, SYMPTOMS, AND SOLUTIONS

Jan Janowski

Reprinted from the Chicago Times

1. DEVICE: SUPERCART

SYMPTOM: TOTAL LOCKUP OF SYSTEM WITH USE.

SOLUTION: REMOVED 6264 CHIP, TRIED CARTRIDGE. E/A GROM OK. DEFECTIVE 6264 CHIP. REPLACED 6264 CHIP. WORKS NOW.

2. DEVICE: BLACK CONSOLE

SYMPTOM: WILL NOT WORK. BLACK SCREEN, TWO TONES ON ALL THE TIME.

SOLUTION: FOUND -5V SUPPLY BAD. REPAIRED POWER SUPPLY. WORKS NOW.

3. DEVICE: GEMINI 10-X PRINTER

SYMPTOM: WILL DO SELF TEST, BUT WILL PRINT ONLY NUMBERS CORRECTLY WHEN CONNECTED TO COMPUTER.

SOLUTION: REPLACED PARALLEL PORT INPUT DATA BUFFER IN PRINTER. WORKS NOW.

4. DEVICE: RS232 CARD (TI)

SYMPTOM: TOTAL LOCKUP OF SYSTEM. LED WILL NOT GO OFF. THIS CARD WAS PLUGGED IN "HOT."

SOLUTION: REPLACED 6 CHIPS, INCLUDING A 9902, AND 2 RESISTORS. WORKS. THIS CARD TOOK APPROXIMATELY 20 HOURS TO REPAIR. (SPREAD OVER 6 MONTHS) PLUS APPROX. \$18.50 IN PARTS.

5. DEVICE: EXPANSION BOX

SYMPTOM: NO POWER TO CARDS. FUSE GOOD ON CHASSIS REAR.

SOLUTION: FOUND BLOWN FUSE INSIDE TRANSFORMER. REPLACED FUSE. WORKS NOW.

6. DEVICE: MYARC RS232 CARD

SYMPTOM: WILL NOT WORK. SENT TO MYARC 3 TIMES. STILL DOES NOT WORK.

SOLUTION: IT WAS A FEW THINGS: BAD SOLDERING BY MYARC. THEY JUMPERED OUT BAD PARTS OF CHIPS AND USED UNUSED PARTS OF BAD CHIPS INSTEAD OF REPLACING THE CHIPS THAT WERE BAD. 9902 CHIP BAD HERE, TOO. WORKS NOW.

7. DEVICE: RAMDISK

SYMPTOM: WILL NOT HOLD ROS.

SOLUTION: FAILED MEMORY TEST. DEFECTIVE 6264. WORKS NOW.

8. DEVICE: TI DISK CONTROLLER CARD

SYMPTOM: WILL NOT WORK WITH ANY DRIVE.

SOLUTION: ONE CHIP OBVIOUSLY OVERHEATED, REPLACED. WORKS NOW.

9. DEVICE: EXPANSION BOX

SYMPTOM: LOOKS UP CONSOLE, WILL NOT ADDRESS ANY CARD INSIDE IT.

SOLUTION: FOUND THE INTERFACE CARD TOTALLY SHORTED OUT. REPLACED EVERY BUFFER CHIP. WORKS NOW.

10. DEVICE: MYARC 512K RAMDISK

SYMPTOM: WILL NOT WORK. (SUSPECTED TO HAVE BEEN PLUGGED IN HOT.)

SOLUTION: SINCE NO SCHEMATICS AVAILABLE, USED OHMMETER TO CHECK FOR RESISTANCE DIFFERENCES ON GATES. REPLACED 7 CHIPS, PROBABLY 2 OR 3 UN-NEEDEDLY (DUE TO LACK OF SCHEMATICS). WORKS NOW.

11. DEVICE: EXP-BOX INTERFACE CARD

SYMPTOM: WILL NOT WORK IN ANY EXP-BOX.

SOLUTION: FOUND BUFFER CHIP BAD. REPLACED. WORKS NOW.

12. DEVICE: BLACK TI CONSOLE

SYMPTOM: BLACK SCREEN, LOCKED UP, TWO TONES ON ALL THE TIME. (EXP BOX CABLE PLUGGED IN UPSIDE DOWN.)

SOLUTION: POWER SUPPLY OK, AFTER WORKING ON IT FOR HOURS, GAVE UP. OWNER DONATED IT FOR PARTS.

13. DEVICE: RAMDISK

SYMPTOM: WILL NOT HOLD ROS. SOMETIMES CORRUPTS DURING CONFIGURATION.

SOLUTION: OCCASIONALLY WILL FAIL MEMORY TEST, BUT NOT CONSISTENTLY, OR IN SAME LOCATIONS. FOUND LED ON PIN 26 OF 6264 CHIP TO BE BAD. REPLACED WITH GENERAL PURPOSE DIODE. WORKS NOW.

14. DEVICE: CORCOMP RS232 CARD

SYMPTOM: WILL NOT WORK (HIT BY LIGHTNING).

SOLUTION: DAMAGED BEYOND REPAIR. STRIPPED FOR PARTS.

15. DEVICE: MODEM

SYMPTOM: WILL NOT WORK (HIT BY LIGHTNING).

SOLUTION: DAMAGED BEYOND REPAIR. STRIPPED FOR PARTS.

16. DEVICE: PRINTER

SYMPTOM: SELF TEST WORKS, BUT NOT WHEN CONNECTED TO COMPUTER. (HIT BY LIGHTNING.)

SOLUTION: THIS PRINTER DOES NOT HAVE BUFFER CHIPS. TRACED TO CUSTOM CHIP MADE BY PRINTER MANUFACTURER. UNABLE TO PURCHASE PART. SUGGESTED MANUFACTURER REPAIR.

17. DEVICE: TI RS232 CARD

SYMPTOM: SERIAL PORT WORKS, BUT NOTHING OUT OF PARALLEL PORT.

SOLUTION: CHANGED U12 ON CARD. WORKS NOW.

18. DEVICE: EXPANSION BOX

SYMPTOM: NO POWER TO BUSS. REAR FUSE OK.

SOLUTION: FOUND TRANSFORMER FUSE BLOWN, AND DIODE ON POWER SUPPLY SHORTED. DIODE IS 3A/100V. REPLACED BOTH. WORKS NOW.

19. DEVICE: MYARC EXPANSION BOX

SYMPTOM: FUSE BLEW. OWNER REPLACED FUSE. FUSE BLEW EACH TIME. ON THIRD FUSE BLOW, SMOKE WAS OBSERVED BY OWNER COMING FROM UNIT.

SOLUTION: MY SUGGESTION WAS TO SEND IT TO MYARC, DUE TO EXTENT OF DAMAGE.

20. DEVICE: EXTERNAL DRIVE CHASSIS WITH 2 DRIVES

SYMPTOM: BOTH DRIVES ERROR OUT CONTINUOUSLY.

SOLUTION: POWER SUPPLY OK. DRIVES CHECKED IN OTHER SYSTEM OK. OTHER DRIVES FAIL IN CHASSIS. TRACED TO CABLE BETWEEN DISK CONTROLLER CARD AND CHASSIS. OWNER REPLACED CABLE. WORKS FINE NOW.

21. DEVICE: TI DISK CONTROLLER CARD

SYMPTOM: ON POWER UP, LED FLASHES, BUT WILL NOT ACCESS ANY DRIVE. HIT BY LIGHTNING.

SOLUTION: FOUND +12V REGULATOR BLOWN. REPLACED. WORKS NOW.

22. DEVICE: MYARC 512K CARD

SYMPTOM: NO OPERATION. (CARD DESTROYED WHEN RAMDISK INSTALLED IN EXP-BOX BACKWARDS.)

SOLUTION: AFTER PIGGY-BACKING ALL LOGIC CHIPS, AND BURNING NEW PROM, STILL NO OPERATION. DISCOVERED THAT RAS AND CAS WERE NOT BEING GENERATED, AS WELL AS NO REMOTE DATA BUSS ENABLE. SUGGESTED THAT THIS CARD BE RETURNED TO MYARC.

23. DEVICE: CORCOMP D500 DISK CONTROLLER

SYMPTOM: OPERATES, BUT WITH EXCESSIVE SEARCHING ON DRIVES. THIS UNIT WAS IN SAME EXP-BOX THAT HAD RAMDISK PLUGGED IN BACKWARDS.

SOLUTION: ON EXAMINATION OF INSIDE, NOTICED THAT THERE WERE ABSOLUTELY NO BUFFER CHIPS WHATSOEVER. ANY DAMAGE ON THE BUSS WILL GO DIRECTLY TO THE INSIDE OF THE CARD. THE WESTERN DIGITAL CHIPS, PROMS, AND PALS WERE HANGING DIRECTLY ON THE BUSS, WITHOUT ANY PROTECTION TO THE CHIPS. AFTER SEEING THIS, I REFUSE TO WORK ON ANY OTHER CORCOMP PRODUCT.

24. DEVICE: TI RS232 CARD. SAME IDENTICAL CARD AS IN NUMBER 4.

SYMPTOM: ON POWER-UP IN EXP-BOX WITH RAMDISK, IT HANGS UP. IN THAT ITS LED COMES ON BEFORE THE LED OF THE DISK CONTROLLER CARD. REMOTE INTERRUPT LINE (EDGE CONNECTOR PIN 17) GOING LOW.

SOLUTION: TRACED EVENTUALLY TO WEAKENED 9902 CHIP. REPLACED. WORKS NOW.

25. DEVICE: MYARC RS232 CARD

SYMPTOM: SENT TO MYARC MORE THAN ONCE. CARD PRINTS OUT GARBAGE OCCASIONALLY, USER PURCHASED NEW RS232 CARD, GAVE UP ON THIS ONE.

SOLUTION: TRACED TO NUMEROUS COLD SOLDER PLATED THROUGH HOLES. RE-SOLDERED. AND IT WORKS FINE NOW.

26. DEVICE: HARDWARE FROM USER GROUP, CONSISTING OF: EXP-BOX, 32K, TI DISK CONTROLLER, AND 4 DRIVES (2 DSSD, 2 SSSD). OTHER THAN ON/OFF SWITCH, EXP BOX, DISK CONTROLLER, 32K FINE. OF THE DISK DRIVES:

SYMPTOM: DRIVE #1, LABELED "NO GOOD," FOUND TERMINATING RESISTOR MISSING, AND JUMPERS IN WRONG POSITION. WITH THAT FIXED, TOOK DRIVE APART, AND CLEANED HEADS. THEN CHECKED IT FOR READING. WHEN THAT WORKED, CHECKED FOR FORMATTING, AND IT FAILED.

SOLUTION: TESTED THE DRIVE IN FORMAT WHILE SETTING DISK SPEED. WHEN SPEED WAS SET, ALL WAS FINE. CHECKED FOR READ AND WRITE FOR SSSD. OK NOW.

27. DEVICE: DISK DRIVE #2 FROM ABOVE (DSSD).

SYMPTOM: LABELED "READS, WON'T WRITE."

SOLUTION: FOUND JUMPERS IN WRONG POSITION, ONE HEAD DISCONNECTED FROM BOARD, AND DISK SPEED OFF. AFTER CLEANING, ADJUSTING, THROUGH TESTING FOR DSSD, ALL IS FINE.

28. DEVICE: DISK DRIVE #3 FROM ABOVE (SSSD)

SYMPTOM: LABELED "WRITES, WON'T READ."

SOLUTION: FOUND HEAD COVERED WITH OXIDE FROM A DISK, NOW LONG GONE. DISASSEMBLED DRIVE, CLEANED, AND CHECKED THOROUGHLY FOR SSSD (NO SPEED CHANGE NEEDED). WORKS FINE NOW.

29. DEVICE: DISK DRIVE #4 (DSSD) FROM ABOVE

SYMPTOM: LABELED "NO GOOD."

SOLUTION: CLEANED CONTACTS, HEADS, AND PLACED JUMPERS IN RIGHT POSITION, AND FOUND TERMINATING RESISTOR IN IMPROPERLY (NOT ALL LESS IN SOCKET). ADJUSTED SPEED OF DISK DRIVE, AND CHECKED THOROUGHLY FOR DSSD. WORKS FINE NOW.

30. DEVICE: MYARC DSSD DISK CONTROLLER

SYMPTOM: NO LED FLASH ON POWER UP (NO DSR). NO OTHER OPERATION WHATSOEVER. DOES NOT LOCK UP CONSOLE. HAD BEEN INSIDE EXP-BOX WHEN A CARD WAS DROPPED INSIDE THE EXP-BOX WHEN ON.

SOLUTION: FOUND 7805 REGULATOR RUNNING EXTREMELY HOT IN ORDER TO SUPPLY +5V. BOTH 74LS244 AND 74LS245 CHIPS ALSO WARM. REPLACED LOGIC CHIPS, AND REGULATOR MUCH COOLER. STILL NO LED FLASH ON POWER UP, THOUGH. PULLED STATIC MEMORY CHIP AND WESTERN DIGITAL CHIP AND CHECKED THESE IN OTHER MYARC CARD, AND THEY ARE OK. REPLACED PAL, AND EVERYTHING WORKED AS USUAL.

31. DEVICE: TI RS232 CARD

SYMPTOM: LOCKS UP EXP-BOX WHEN ON. LED WILL NOT GO OFF, STAYS LIT CONTINUALLY. THIS CARD WAS IN SAME EXP-BOX AS #30 WAS, AND WAS DAMAGED AT THE SAME TIME.

SOLUTION: FOUND 7805 REGULATOR RUNNING EXTREMELY HOT IN ORDER TO SUPPLY +5V. ALSO FOUND U5, 74LS244 CHIP RUNNING EXTREMELY HOT.

32. DEVICE: EXPANSION BOX

SYMPTOM: DISK DRIVE WILL NOT SPIN, OTHER THAN THAT, EVERYTHING ELSE WORKS.

SOLUTION: CHECKED +12V ON DRIVE POWER PLUG. READS 3V. 12V REGULATOR ON POWER SUPPLY OF EXPANSION BOX FAILED. REPLACED. FINE.

33. DEVICE: EXPANSION BOX

SYMPTOM: DISK DRIVE WILL NOT WORK.

SOLUTION: FOUND POWER SUPPLY FINE. EXAMINED DRIVE ACTION WHILE OUT OF BOX. FOUND THAT STEPPER MOTOR NOT MOVING. MOVED IT WITH PENCIL, AND FOUND IT BINDING AND STUCK. PUT A SMALL AMOUNT OF FINE OIL ON BEARINGS ON END OF MOTOR. EXERCISED STEPPER MOTOR WITH POWER OFF TO WORK OIL INTO BEARINGS. FINE NOW.

34. DEVICE: RAMDISK

SYMPTOM: ANY TIME IT IS INSTALLED IN EXP-BOX, THE SYSTEM WILL NOT BOOT UP. SCREEN STAYS BLACK.

SOLUTION: FIRST, PULLED BK ROS CHIP, AND PLACED IT ON A PIECE OF METAL, TO SHORT OUT ANY VOLTAGE IN THE CHIP (TO ERASE THE MEMORY). REINSTALLED, AND TRIED IT AGAIN. STILL BAD. LEFT IT RUN FOR A COUPLE OF MINUTES, AND THEN TURNED IT OFF, AND FELT THE CHIPS. THE DATA TRANSCIEVER, 74LS245, WAS WARMER THAN USUAL. SWAPPED IT. IT BOOTED FINE. LOADED ROS. FINE NOW.



I think it needs the ol' shock treatment!

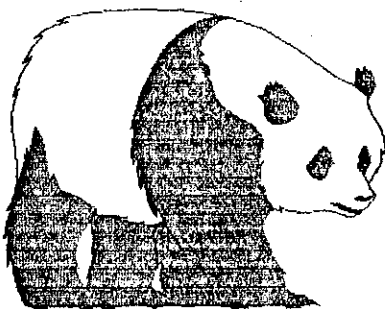
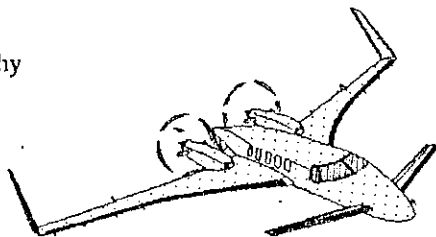
Our BBS and You

The 30 Commandments of BBSing

(Author unknown) (Downloaded from Technoids Anonymous BBS, Phoenix, AZ.)

Some very intelligent SysOp gave some great thought to how a BBS should be operated and came up with these 30 BBS Commandments.

1. Thou shalt love thy BBS with all thy heart and all thy bytes.
2. Thou shalt remember thy name and thy password.
3. Thou shalt speaketh to the SysOp thy real name.
4. Thou shalt not POST IN ALL CAPS!
5. Thou shalt Honor thy SysOp.
6. Thou shalt not covet thy neighbor's password, nor thy neighbor's real name, computer, software, nor any other thing of thy neighbor's.
7. Thou shalt only call a BBS two times a day.
8. Thou shalt not post messages that are stupid, worthless, or have no meaning, lest thee be deemed a fop.
9. Thou shalt use the English language properly so that thee may be deemed wise.
10. Thou shalt spell thy words correctly. Amen.
11. Thou shalt delete thine own mail.
12. Thou shalt delete thine ancient mail.
13. Thou shalt help other users so that thee may be deemed a friend.
14. Thou shalt not post anonymously when offering criticism.
15. Thou shalt keep thy foul language to thyself lest thee be forever banished.
16. Thou shalt not occupy thy BBS with thine arguments, for Verily, I say unto thee that thou shalt maketh thyself the charlatan.



17. Woe be unto the user who attempth to crash thy BBS, for such shall be cast out from the sanctuary of thy hobby and must repent by doing 40 mega-days and 40 mega-nights of penance in voice-only communications.
18. Thou shalt not post PRIVATE messages, lest thou truly has something to hide.
19. Thou shalt not post other user's real names.
20. Thou shalt not post messages after imbibing excessively of ale.
21. Thou shalt confine thy messages to those of friendship, requests for assistance, aid to the needy, advice, and advancement of thy hobby; yea, and thou art obligated to repel any who wouldst transgresseth upon these commandments.
22. If thou doth promise to reply to a message and thou doth not, then surely thou shalt spill liquid into thy keyboard and shorteth out thy central processing unit.
23. Thou shalt not giveth any false information when applying for membership to thy BBS, for Verily it is Written that whosoever shall do so will surely be found out and thy welcome on all boards will thus be denied forever and ever.
24. Thou shalt log on properly and in accordance with thy SysOp's wishes.
25. Thou shalt observeth BBS time limits.
26. Thou shalt not upload "worm" or "trojan" or "virus-ed" programs. Amen and Amen, for to do so wilt bringeth foul curses upon thee and thine, thy children, and thy children's children yea unto the 7th generation. So shalt it be.
27. Thou shalt not ask stupid questions that art already fully explained in BBS bulletins and instructions.
28. Thou shalt not exchangeth commercial software thru thy BBS.
29. Thou shalt not violate any applicable state/federal/local laws and regulations affecting BBS telecommunications, or thee will face the wrath of thy judicial system.
30. Thou shalt not hack.

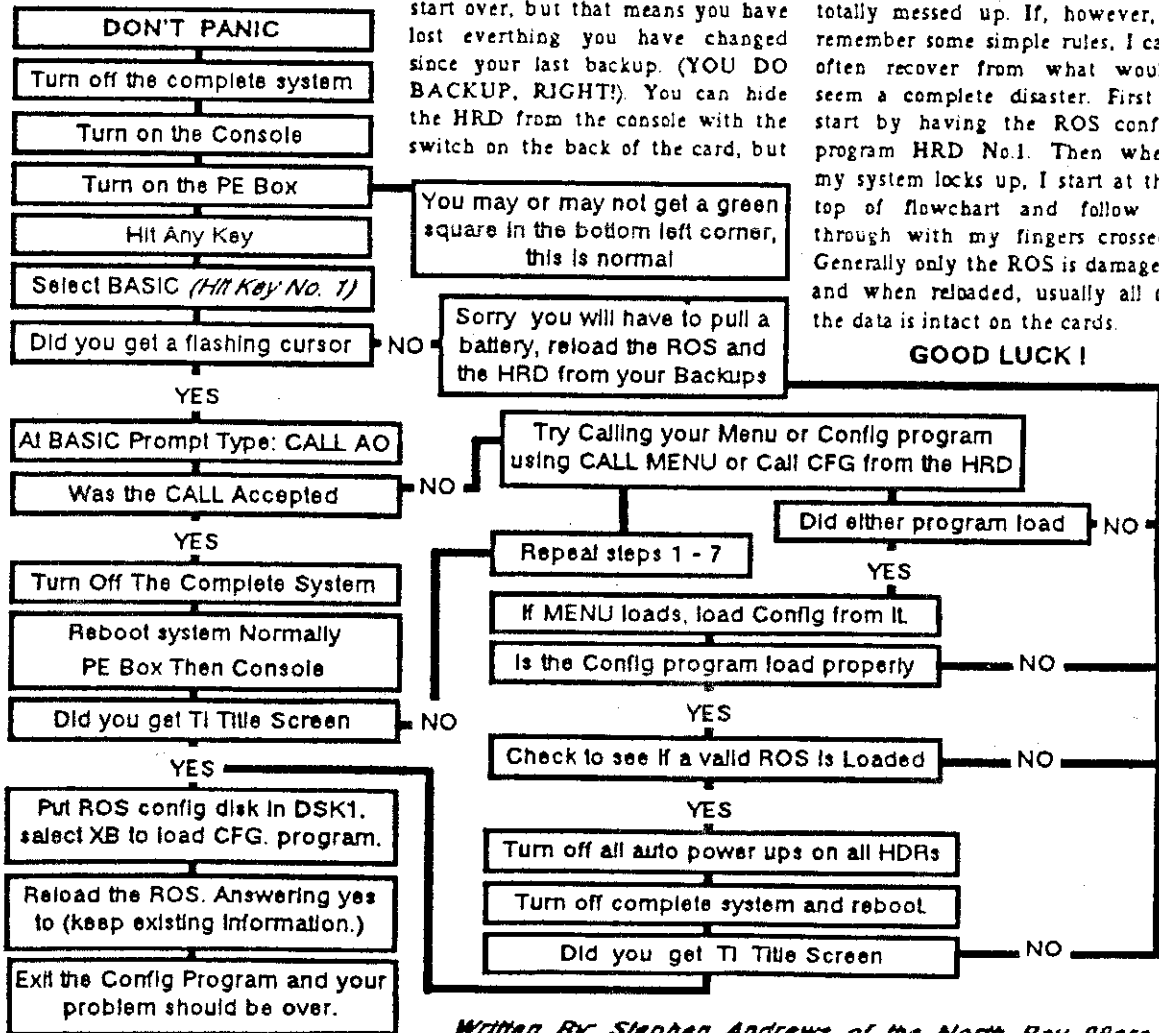
Horizon RAM Disk Lockups

(Don't dump that data yet!)

Certain coincidences this morning have made me decide to write an article, or sort of a quick reference guide for users of Horizon Ram Disks (HRD) of all types. This morning started with a call from our newsletter editor asking questions about a new HRD test program from OPA and problems he was having with one of his HRDs. We discussed his problem, determined that it was most likely the hardware and decided on a course of action. We said our goodbyes and

I went to my system to work on something only to find that my own system would not boot. This is where the real story begins. Anyone with a HRD, with any of the new Ram Operating Systems (ROS) installed in memory, as opposed to some of the Eproms that are available has had this problem. (Come on be honest) At this point you have a lot of options. You can shut everything off and walk away, but that will not solve anything. You can pull the batteries on your HRD(s) and start over, but that means you have lost everything you have changed since your last backup. (YOU DO BACKUP, RIGHT!) You can hide the HRD from the console with the switch on the back of the card, but

we are not all lucky enough to have that option because the old cards do not have the switch. You could take out the card, put it in the closet and you will never have the problem again. (No, No, that just wouldn't do) These are all options, but not very good ones so let's discuss the alternatives. I am the club librarian and when trying out many new programs, or reviewing older ones, I often have conflicts with the ROS on my cards that make the system appear to be totally messed up. If, however, I remember some simple rules, I can often recover from what would seem a complete disaster. First I start by having the ROS config program HRD No.1. Then when my system locks up, I start at the top of flowchart and follow it through with my fingers crossed. Generally only the ROS is damaged and when reloaded, usually all of the data is intact on the cards.



Written By: Stephen Andrews of the North Bay 99ers

New Catalog Available From OPA

OPA (Oasis Pensive Abucators) has released its 1992 spring catalog on disk. The catalog comes on a ssd disk and is in D/V80 format. The catalog is available in a hard copy format by request.

OPA also confirms that it has ended its development role in the TI Accelerator project.

For more information, contact OPA at 432 Jarvis St. #501-502, Toronto, Ontario, Canada M4Y-2H3; 416-960-0925 (8 a.m.-1 p.m. ET), 416-963-TITI (24-hour hotline), 416-921-2731 (24-hour BBS).

Bill Gaskill Releases Microdex 99

Microdex 99, by Bill Gaskill, is a companion program to Gaskill's MICROpendium Index II programs. Microdex 99 allows users to completely modify their existing MPI-II databases as well as expand them. The cost

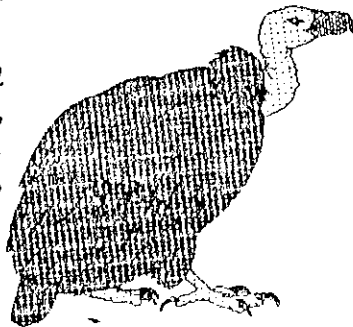
is \$10 when sold separately, \$6 when purchased with MPI-II. Current owners of MPI-II may purchase Microdex 99 for \$6. MPI-II, covering 1984-1991 of MICROpendium, is \$24.

Order through MICROpendium, P.O. Box 1343, Round Rock, TX 78680.

TI SIG Now On Prodigy

Edward Kuehn and Frank P. DeCandia have started a TI/Geneve Club/Support group on the Prodigy system. No membership fees other than the regular Prodigy service fee apply.

To join the group, contact Kuehn (Prodigy member DTVH43A) or DeCandia (VSSN89A). Standard Prodigy BB rules apply, DeCandia says. They ask that all TI related Notes be written in the Computer Club section under the Other PC Topics section. DeCandia says related Notes should start with "TI"; for example, TI HELP, TI99/4A TODAY.



TI Conference Setup On BIX

An active TI conference covering the TI99/4A and the Myarc Geneve 9640 is available on BYTE Information Exchange, an electronic conferencing system created by BYTE Magazine. Moderator is Ron Lepine and co-moderator is Al Beard.

BIX offers a fixed price of \$156 per year in network charges (billed quarterly). Telecommunications (e.g., TYMNET charges) are extra.

To join BIX, dial with your computer software set to 7-bit, even parity, 1 stop bit. full duplex: 1-800-225-4129 (in Massachusetts, call (617) 861-9767), then log in:

login:bix
Name? bix.ville

Off-peak access to TYMNET is available at a fixed price of \$20 per month or \$3 per hour, Beard said.

This little XB program will generate colors that one can not ordinarily make, with BASIC or XBASIC. This is done by mixing colors. Try the red and green combination, for instance.

```
100 ! SAVE DSK1.PASTEL
110 ! DISPLAY PASTEL COLORS
120 ! Idea by unknown author
130 ! This version by
      Earl Raguse 1/92
140 DISPLAY AT(10,1)ERASE AL
L:"This program displays col
orsnot ordinarily possible w
ithBASIC or XBASIC."
150 INPUT "FOREGROUND COLOR
NUMBER: ":F
160 INPUT "BACKGROUND COLOR
NUMBER: ":B :: PRINT
170 CALL SCREEN(16):: FOR I=
8 TO 12 :: DISPLAY AT(1,1)SI
ZE(32):: NEXT I
180 CALL CHAR(40,"55AA55AA55
AA55AA")
190 CALL COLOR(13,F,F)
200 CALL COLOR(2,F,B)
210 CALL HCHAR(2,1,128,64)
220 CALL HCHAR(4,1,40,512)
230 CALL HCHAR(18,1,128,64)
240 CALL PAK :: GOTO 140
250 SUB PAK
260 DISPLAY AT(24,1)SIZE(30)
:: Press Any Key To Proceed
::
270 CALL KEY(0,K,S):: IF S<1
THEN 260
280 SUBEND
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TI SLAVES AND OGDEN TI USERS GROUPS OFFICERS

TI SLAVES	OGDEN TI USERS GROUP
PRESIDENT---JOE MASARONE 966-3694	---LORAIN WADMAN 825-7690
VICE PRES---WARREN YOUNG 278-1052	---DAVE MISCHLER 782-1004
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ASST. LIB.	---MEL BRAGG 393-9605
NEWSLETTER EDITOR FOR BOTH GROUPS	---MEL BRAGG 393-9605

JUNE 1992 NEWSLETTER

TI SLAVES

OUR NEXT MEETING IS JUNE 20TH
1992 AT 9:00 am WE MEET IN
THE DISABLED AMERICAN VETERANS
HALL AT 273 E. 800 S. PLEASE
BE THERE PROMPTLY.!!

WE COULD USE YOUR HELP WITH
FEST WEST "NORTH" 93.

OGDEN TI USERS GROUP

OUR NEXT MEETING IS JUNE 6TH
AT 9:00 am and JUNE 16TH
AT 7:00 pm.

WE MEET AT THE OGDEN
MUNICIPAL AIRPORT IN THE
FIRST BUILDING JUST EAST OF
THE NEW TOWER. HELP!!! US
WITH FEST WEST "NORTH" 93

PICNIC!!! THE OGDEN TI GROUP IS HAVING OUR PICNIC ON JUNE
20TH AT 3:00PM. ALL MEMBERS FROM THE SLAVES GROUP ARE
WELCOME TO COME. IT IS POT LUCK. SO BRING SOME OF YOUR
FAVORITE GOODIES. IT IS AT 1450 N WASHINGTON MOBILE HOME
PARK. TURN RIGHT GO STRAIGHT AHEAD IN THE CLUB HOUSE.

Slaves & Otiug
1396 Lincoln APT B
Ogden, Utah 84404

