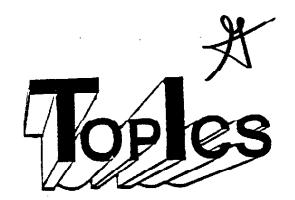
WE 'VE

RUSHI PLEASE NOTE IMPORTANT CHANGE

LA 99ers Computer Group P.C.Box 67A79 Los Angeles, CA 90067-1079

NEW ADDRESS



COMPUTER GROUP

NO

Jewsletter:

LIBRARY

PLEASE note that this month and next we will be reprinting the entire Library, as revised and updated in Feb. by Fred Moore. &E SURE to save these pages.

LAS VEGAS COUNTDOWN

Our sister club to the East S.N.U.S is in the final stages of TIXPO fever. There is a feeling of good tidings in the air, and I KNOW the blood sweat and tears will be well rewarded. We have the greatest feeling of appreciation for our Las Vegas friends. FEST-WEST TIXPO was sort of dropped in their laps by us after the 1986 Boston Fayuh. It was there that the Canadian guests told me if the FEST was to be held in Las Vegas they would attend "en masse". Hell it is, and guess who isn't. C'est la guerre. In any event this promises to be an outstanding event, both the vendor and visitor list looks good. If there are any of you who have been sitting on the fence, c'acn over. The deadline for hotel reservations has come and gone, but a call to John Martin in Las Vegas at 792 647-1962 will put a little "juice" in your request. We can all promise you a good time, with good People, good products, good food, and good feelings. Don't miss out. TIXPO Las Vegas Feb 27 & 28 Palace Station Hotel. Be there!

George Staffen, an update.

We have been keeping in touch with George since he headed east. Well what a boombshell was dropped early one recent porning. Howie Rosenberg passed along the sad news that George was once again hospitalized. That call was followed the next day by another even more serious call that surgery had once again been performed. We called George's brother and determined there was radiation damage to the urinary tract, and another "ostomy" had been performed. George is in the Bronx NY VA and not reachable by phone. we have continued to call his family and get scraps of info that way. There was to be another scan to make sure there was no more cancer. That is we can all pray for. The nurses station at the hospital told as George was getting cut of bed and walking around. He is said to be in a good frame of

mind. I am sure George will we rome words and cards from all of us. Best to address him at the Bronx residence. 5935 Liebig Ave. Branx NY 16471. Sure miss you George. All of us.

BASHING

I (Terrie) have long wondered about the psychology behind the bashing. I concluded that most of it was simple jealousy. It was so telling to watch the bashers reveal their own inadequacies with their pettiness. Sad that the best among us chose not to continue to be a target. We all lost. What follows now is another view of the same trend. I totally support it. This is a retype verbatia from Newsletter 979 Toronto, Canada.

9649, MAC CARES?

An editorial about the Geneve and the TI community. -By Steve Mickelson (President/MLeditor)

As both newsletter Editor and TI user, I have the opportunity to speak with many TI users and to read many editorials and comments in the various newsletters, databases, and BBS' re: the state of our computer and where the future will lead us. I am disturbed by much of the "negativisa" which seems to exist amongst many users re : the Myarc and the 9640, Geneve, such of which seems to reflect either an ignorance of the product or a totally unrealistic understanding of the financial resources of Myarc and the costs of producing a computer and software in the TI carket place.

The costs of developing computer hardware today can be prohibitive. Many Geneve critic somehow expected Myarc to introduce the Geneve and its operating system software, simultaneously. Any one with any knowledge of software knows that you cannot write software until the hardware exists. And that such software will take time. Also, the fact that the first Geneve software consisted, initially, of TI-Writer and Multiplan in 80 columns, with a modified GRAM Kracker-type loader. The Atari ST had no, I repeat no initial software. So whats the big deal? It seems that these critics, want no compatibility with

4A software, if you follow their line of so-called logic. Just who's computer do they support, anyhow?

It was exactly one year ago, that I wrote an editorial, whereby, I drew the analogy of the TI community being like to passengers aboard the TItanic, abandoned by its crew (TI), and in danger of sinking from the flood of words among the "99/4A" vs "9648" camps of survivors. The only apparent alternative, seems to abandon ship and move to another computer, which is not an orphan. Many of those who stay with TI, seem content to fly the "Jolly Roger" and pirate everything in sight.

Also, many critics of Myarc, seem naive enough to misinterpret Mr. Philips' dress, (3 piece suits and clean cut appearance), "pegs" the man in the categry of II. Since he dresses well, and acts with business-like decorum, certainly he must have the Mega-bucks to blow, to hire software writers for \$32-410,000 a pop, as II did, for ready to use, spam-in-a-can software. When the community sees him taking a grass-roots "appeal to the user for software", approach like Atari ST and Mac-makers did, lynch mobs form. If only he were a pizza-etained sweat shirt and jeans, then perhaps they may be more accepting of buggy operating systems, as users had done with the V7.1 o/s for the one Meg, Horizon RAMdisks! Or, better yet, why not ignore the errors of Corcomp, extend My mc's line-of-credit and push his fledgling company to the orink of bankruptcy, to seet the demands of users and nonusers, alike, for instant software gratification? Why can't he he as foolish as some of our expectations?

It should be recognized that the TI User Group network postponed the computer's inevitable demise. This community has become accustomed to one computer for five or so years, and thus inured to the 4A's limitations. The continued desire for cheap and easy software, spurned revival from a compatible, with many II Guru's recommending users switch to IBM. Apple. Atari. or anybodyelse, preferring to wallow in self-pity, as an "orphan", than to see the success and succession of a new 9900-series computer. Many, in the community seemed to forget the "incompatibility" between bare consoles with tape-memory, and expanded, (32K/Extended Basic, Disk Controller Cards), II-Systems. And, no thought has been given to the need for modified software to operate a Horizon RAMdisk, or how many cartridges did not behave properly, or how some disk utilities did not perform, with the Corcomp disk controller. What about the hardware, (pin-out), differences, when one purchased a Corcoap or Axiom interface, etc., etc., etc. To me, the 7640, is just a faster, BO-column II-upgrade, with a greater RAM. You the user has no obligation to buy one, any more than others have to buy a HRD, or for those with consoles, do to get an expansion system.

Final conclusions, may put the blame on the TItanic, squarely on the shoulders of the users, who instead of pulling for the common survival of the community, atlarge, fought amongst themselves and let the pre-occupation with "Myarc bashing" versus "Myarc support" destroy the community from within, like a cancer. A community, many of whoe, (ed: incomplete as received)

Have we forgotten that even the "TI-creator" had problem children as the early 99/4 and console BASIC, not to mention cartridges, which used only cassette, thermal printers or had no method to I/O or print data. And such software was locked in GROM space. Perhaps this attitude

among many users did more to push TI to abandon the 99/8 and 99/2, than any influence exerted by the forces in the market place.

If you don't get the drift of what I am saying; bluntly, its I, personally, cannot see why someone such as Lou Philips, wastes his time and money on a community which has so many ingrates, who couldn't recognize something positive if it slapped them smack between the eyes. Are these individuals really as stupid as their remarks seem to indicate? That is to say, do they really think Lou Philips has the backing of II, Yamaha, or some wealthy investor syndicate; and is just too cheap to spend some of the billions of imaginary R & D bucks on his software? Are we as users, too dis-witted to see that IBM sold a million units of its 0/S 2, introduced about the same time as the Geneve, before bringing out an O/S Operating System with none of the knashing of teeth amongst the IBM owners; and still expect Myarc, operating in a dead-end market to have the finances to get software out in a shorter period of time than Big Blue? Let's be realistic in our expectations of any third party manufacturer. Perhaps TI listened to the carping from such users, and for that reason alone, pulled the plug on the home computer market.

while the 9646 may not be the key to the survival of our ever-shrinking community, the negative non-constructive criticisms against the clone or its small, (small compared to II), manufacturer and unhealthy bickering amongst various camps of users will only drive sore nails into the II coffin, you better believe it! So, the next time you have criticism about Myarc, or any other supporter of the II orphan, keep it constructive or to yourself. Let's save those negative words for those "other" computers and help promote a positive attitude within our community, whick is the key to our orphan's continued survival. After all, we're in this boat together.

PICASSO PUBLISHER

More responsible persons are trying to get the word out, this is NOT a fairware program. Arto Heino is one Australian we should recognize as an excellent programer, with the rights to commercially release his program. We do not have the right to mistakenly declare this as fairware and make it widely available via the "Jolly Roger" or BBS' routes. If it is up on your BBS or in your club library, please remove it and try to compensate the author as he should be. No "Hacker" over here showed his "talents" by cracking this program, it was unprotected, and still it was pirated. If you noticed in the upper left side of the front page we now, after many years have a NEW ADDRESS. This location is closer to the co-editors, and since George left the Gardena area we had only Chick to do the leg work. For those of you not familiar with the L.A. area, there is quite a distance to cover. See how much we miss George!

The Raffle prize is a Gram Kracker, what a great Easter present for someone. Can't win if you don't enter. Last month Bob Harrison had a real big day, first he purchased and took possession of a 9640, and then he won the 1200 baud modem. Is he ever going to be busy.

Hope to see you all at the Feb 24th meeting, Jim Lohmeyer will be our guest. Then its on to Las Vegas. Come on over and show our support of the fine folks in Las Vegas, see you there.

SO WHERE'S THE SOURCE CODE??? CRU ACCESS - PART 2, by Jim Lohmeyer

[Ed. Note: I can't believe I did this twice in one issue! In reprinting Jim's article, I forgot include the source code! Here it is:]

DEF START
REF VMBW.VSBW.VWTR.GPLWS

H2Ø DATA >ØØ2Ø RTNADR DATA RTN CØ TEXT 'Ø' C1 TEXT '1'

MYREG DATA 0,0,0,0,0,0,0,0,0 DATA 0,0,0,0,0,0,0,0

START

LWPI MYREG

LI RØ,>1FØ

LI RØ,>FØFØ MOV RØ.@>B3D4

LI RØ,>717 BLWP @VWTR

÷

CLR RØ LI R1,SDISP LI R2,142 BLWP @VMBW

LI RØ,737 LI R1,CREDIT LI R2,21 BLWP @VMBW

MNLOOP

LWPI GPLWS SOC @H2Ø.R14

MOV ERTNADR, R6

LWPI MYREG CLR R12 SBZ Ø SBZ 1

SBZ 2 MNLP2

LI R4,>0023 LDCR R4,15

SBZ Ø SBO 3

LIMI 2 JMP \$

RTN

¥

hex 20 return address from interrupt '0' character

'1' character

my workspace; 16 "DATA 0"'s instead of "BSS 32" to ensure registers are clear at start of execution

load my registers

put screen in 40 col text mode write it to VDP register i

put exact copy of VDP reg i at scratch pad >83D4

background color into VDP reg 7 write it

SET UP SCREEN

start at row 1 column 1 ponter to screen display text 142 bytes to write write it

area to display credit pointer to credit text 21 bytes to write write it

main loop of program

load the GPL workspace
set the byte for cassette
interrupt timer
load the address interrupt
routine returns to
load my registers again
CRU address=0
set 9901 to interrupt mode
disable the periphreal interrupts
disable VDP interrupts

load 9901 with >8023; the first bit sets CRU to timer mode the remaining bits set time set 9901 back to interupt mode timer interrupt level 3 enabled enable 9900 interrupts loop until 9901 interrupt hits

this is where we return to from

the 9901 interrupt LI RØ.168 screen location to show cass. bit BL @SHOWCR branch to show it JMP MNLP2 yo back and do it again routine to display bit value SHOWCR the screen test the CRU cassette bit TB 27 JEG SHOW1 if it is \emptyset then display a 1 *(data is inverted on the 9901!!)* 'Ø' character to be displayed MOVB @CØ.R1 JNE SHOWIT jump to display routine SHOWI '1' character to be displayed MOVB @C1.R1 SHOWIT CRU data display routine BLWP GVSBW regs already set up so write it return RT SDISP TEXT 'CASSETTE CRU MONITOR PROGRAM 12/11/87 header and display TEXT '---data TEXT 'CRU BASE >0036 TEXT CREDIT TEXT '(C) 1997 JIM LOHMEYER' credit data END

FROM THE DISK OF...

Mike Dodd

I's basacck. Yes, you thought you could get rid of se - but I have returned. "The Return Of The Sleepy Living, Part 421". Yep, that's me (actually, today I'm not sleepy, helped by the fact that I slept for over 10 hours straight last night - but that is unusual (your basic understatement).

Last year, for the K-Town UG, I published my "awards" for 1986. This year, because of extreme (sometimes financial) bias in several directions (I think the term is 'vested financial interest'), I won't give awards, but I will point out some of the new stuff to hit the TI community.

Hardware: As far as I know, there have been all of five new pieces of hardware to smack the 99 world: ML Systems KBM 99 keyboard interface, Rave 99 speech interface card. Dijit 80 column-card, and the Geneve 9649. The KBM99 interface is a cheap alternative to the Rave card, and is well worth it for those who want an IBM keyboard on the 99/4A. The Rave speech interface card is a godsend for those who are constantly kicking their speech synthesizer out of the slot, causing icaediate and total lockup, not to mention those who have purchased a Seneve - you have to have the Rave card to use speech on the 9640. The Dijit 80 column card was, I'm afraid, too much, too late (funny, that doesn't sound quite right). Too much money, and too late - most people I've talked to don't feel the \$250 price tag is worth it, when you can get that and tons of other things in the Geneve package for around \$450. I's not totally sure if the Geneve counts in the "new" category or not - it's been talked about since sid 1985, but was just released in mid 1987 - so, I guess I'll count it as "new". The hardware for the Geneve is done, but the software isn't quite finished. Advanced BASIC and Pascal are still not done. They're coming along, though, and should be here eventually. Worthy of mention is the Gramulator, which, if it makes it to market (to market, to market, to by a fat 89% Gramulator) will be an amazing product.

Commercial software: There have been many new releases last year, including (but not at all limited to) Genial Computerware: XB:Bug, XBasher, Horizon RAM-disk EPROM (is this software or hardware? can't decide...), PC-Transfer, Remind Me!, Sraphics Expander, Font Packs; Asgard Software: Artist Enlarger, Artist Fonts, E7-Keys; Triton: Super Extended BASIC; and I don't remember what all else. XB:Bug and XBasher are XB utilities, the former acting as a debugger, the latter as a compacter. The Horizon RD EPROM adds speed, extra sectors, and extra calls to that RAM-disk. PC-Transfer allows you to transfer files from IBM to TI disks. Graphics Expander enlarges, rotates, and inverts TI-Artist and CSGD fonts. The Font Packs, as well as Asgard's Artist Fonts, are collections of fonts. Asgard's Artist enlarger is similar in some ways to Genial's Graphics Expander. It is somewhat slower, but does allow reduction. EX-Keys is a true macro facility for XB. I have not personally ever seen EZ-Keys, so can't really discuss it in great detail,

but I have talked to other users who are quite pleased with the product. Triton released the Super Extended BASIC cartridge, adding tons of new stuff to II's effort. MG designed that one.

Fairware software: hase... lease think about this one a minute. Since the TI community has been so very bad about paying authors, fairware has sort of dried up to a large degree. I made one last effort with M-Copier, primarily because I was too much of a lazy bum to go to the trouble of commercial marketing for it. I have the highest hopes that I will regret it, though. By the way - I am NOT offering to send this program to those who sends disks, etc. If you happen to send the \$10 donation plus \$2 for the disk and stuff, I'll send it. But I'a not sending it out without a donation. I know, that almost violates the entire premise of fairware - but folks. I just don't have the time to do this for \$0. If you don't want to pay before you see it in action, then get it somewhere else - i.e. a BBS somewhere, a UG library, or Genial TRAVelER V2#1 (where it will make its debut). Now, back to the news: the House today voted against the President's ... whocps... _wrong_ story good story, but wrong story ... let's try again: Curtis Provance released Enhanced Display Package (EDP), an XB programmer's utility allowing 49 column display from XB. Provance also released Text Loader (? - I think that's the right name), which would sort of act as a 'script' leader for XB - you could run batch files, load DV80 programs, and other stuff. Tom Freeman did a review on it a few months back, as I recall, so I won't bore you with furthur hazy shades of winter... whoops, i mean hazy shades of details (apologies to Simon & Garfunkel). J. Peter Hoddie released his sort program, which sorts any file on any key. Pretty unreal, but he has only gotten about three payments for it so far (wow!!! that sany?). Then there was Barry Boone's Archiver II program. At first, this was just a faster version of Archiver - and then he added a compression to it. which compacts files anywhere from 59% compression to actually adding sectors (very rare). About 25% compression is Ch. Paul Chariton released three fairware programs last year: Fast-Term Geneve version. Linker, and GIF converter. All of those three are fairware. The latter two have received a total of about a dozen donations, I think - total amongst the two of them, NOT each. The Linker program may not be in widespread use, but the SIF conventor is used by every dog and his owner (that doesn't sound right either), very, very few of which paid. Paul has stated that that is IT for fairware - so many donations have just totally underwhelmed him. Oh, I think there have been a few other fairware offerings made, but none that are really incredible - unless I's just totally forgetting something, which is always probable.

Here is an award: bug-finder. A bug-finder is a person who manages against all odds to find bugs in programs, bugs that NO one else can find. These bug-finders are the bane of a programmer's existence, as they are constantly gleefully reporting bugs and making the poor programmer's life miserable while s/he fixes the %*!*) bugs. Trust me - I can testify to that from very firsthand, intensely personal experience. Grand prize

award goes to Scott Darling, who has found bugs in everything I've ever seen released (perhaps I should say "everything I've ever written"). Second prize (it was VERY close) goes to Glen Pederson, who finds bugs where I would swear there couldn't be any - but there are. Thanks guys - without you two, my life might be sore peaceful (big grin).

Btw... about PC-Transfer... the copies sold in Chicago and Milwaukee had some bugs in them.... they would work fine on some systems (i.e. the ones I tested the I**6# program on), but not on others (i.e. the ones I did not test the I**6# program on). If you bought a copy, send the original disk to Genial Computerware (Grafton, MA address — NOT the Philadelphia, PA address), and ask for a replacement. Thanks (I guess) to Scott Darling for his umm... some than willing help (polite cough) in finding bugs for as in PC-xfer.

Here is a bit of information that has almost nothing what-so-ever to do with computers (so why am I writing it? Simple: it's late, I'm tired, and I need a topic). When I got my new phone line, I chose US Sprint as my long distance carrier because they are cheaper than AT&T. I quickly learned that is because AT&T is competent. US Sprint has late billings, snotty customer service (once you get through the near-constant busy signal, that is although getting through to the order number is easy), and is in general not worth the \$0.20 / hour I was savings (that's for night / weekend rates - evening rates from the two companies are about the same). This information could be useful for those of us who are addicted to calling computer friends and/or BBSes. Maybe we could form "Long Distance Callers Anonymous".... hoom....

D.R. Fudge wrote another article for this menths issue, he tells me. He also tells me that he mentioned my name. I want right now to publicly deny anything and everything he said about me. This man is a threat to normal life and sanity everywhere, and you should take almost as much effort that you spend avoiding me as you would to avoid him (but not quite).

News from the MYARC back (or should that be front? oh, who cares?): MY-Art V1.4 has been released. That version has vertical and horizontal flip. I have no idea how you go about getting the update, though. Write/call MYARC if you happen to have an older version of MY-Art. Jim Schroeder has released a program called MOT-MYTERM, which is a terminal equiator that runs from MDOS. It allows Xmodem transfers while omitting such basic abilities as ASCII uploads or a log file. Schroeder asks \$10 for it.

"And that's the way it is." Well, I'm going to quit this boring rendition of From The Disk of the Insane One (aka moi). Until next time, lie down, relax, take a deep breath, and scream as loudly as possible. I leave you with this quote, which I originally saw published by Russell Humphreys in the K-Town UG newsletter many years back: "If builders built buildings the way programmers wrote programs, the first woodpecker to come along would have destroyed civilization".

SECTOR COMPARISON, with a different display :对这里是是在公司已经是是是

by Harold Pierson, LA99er UG Member program meant to be used in Editor/Assembler Basic. If

(Ed. Note: This article, by first lime contributor and Club member Harold Pierson, shows now a different kind of display from the one usually seen in sector editors can be employed in a program. The source code as listed must be saved and assembled with the title Of DSKx.DISKSECT for the object code, or the basic program listing must be changed. Note also that because of the use of external REF's, and particularly DSRLNK, this is a

22 REM ARE! BOTH SECTORS I REM SECTOR COMPARISON BY HAROLD PIERSON 23 REM ARE REPEATEDLY MUST BE ACCOMPANIED 2 REM 24 REM FLASHED ON THE BY "DSK1.DISKSECT" 25 REM SCREEN AGAIN AND 3 REA 26 REM AGAIN. YOU WILL SEE 4 REM THIS POILERPLATE 27 REM THE CHANGES YOURSELF 5 REM PROGRAM WILL COMPARE 29 REM 5 REM TWO DISK SECTORS AND 29 REM I USE THE TERM 7 REM DISPLAY DIFFERENCES 30 REM BOILERPLATE BECAUSE 31 REM YOU CAN AND 5 'FILD 8 REM ON THE SCREEN FOR YOU 32 REM MODIFY THIS PROBRAM 9 REM 33 REM TO SULT YOUR NEEDS 10 REM PLEASE NOTE HOW THIS 34 REM II REM PROGRAM ACTUALLY 35 REM FOR EXAMPLE, TO 12 REM DISPLAYS THE SECTOR 36 REM COMPARE A SERIES OF 13 REM IT PRINTS BOTH CHAR 37 REM SECTORS, MODIFY 14 REM AND HEX ON THE 38 REM THE PROBRAM TO 39 REM ACCEPT AND HANDLE 15 REM SCREEN AT THE SAME 48 REM A RANGE OF SECTORS 16 REM TIME, WITH HEX UNDER 41 RE1 42 REM HAVE FUN 17 REM THE CHAR DISPLAY. 43 REN 18 REM 44 REM H.P. 19 REM AND THE PROGRAM IS 45 REM 23 REM NOT REALLY COMPARING 46 CALL INIT 21 REM THE TWO SECTORS. YOU SECTOR: DISPLAY SECTOR ON SCREEN TEXTMO: SET TO TEXT MODE; 49 COLUMNS ** GRAFMD: SET TO BRAPHICS HODE DASIC SUBROUTINES FOR CHARACTER PLUS DISPLAY OF SECTOR DATA @ HAROLD PIERSON 1987 IF YOU USE THIS SCREEN DISPLAY FURMAT IN YOUR PROGRAM, PLEASE MENTION WHERE YOU GOT IT FROM. EQU >834A FAC SUPPTR EQU >8356 DSKERR EQU >8359 DEF SECTOR DEF TEXTHD. GRAFND REF VSBM, VMBR, VMBM REF DSRLNK, VWTR

DISK NUMBER TO READ.

SECTOR NUMBER TO READ.

DISKNO DATA >0000

SECTIND DATA >9999

CALL LOAD FROM BASIC TO CHANGE

```
REF's, the the file is assembled in uncompressed mode
only, then it can also be used in extended basic. Thank
you for your contribution, Harold, we hope to get many
more such from you!]
                               69 IF S2>32767 THEN 67
47 CALL CLEAR
                              70 CALL CLEAR
48 PRINT "LOADING DSK1.DISKS
                               71 PRINT "NUMBER OF TIMES TO
ECT.
                                'COMPARE'"
49 REM AT >A869 (-24576)
                               72 INPUT "RECOMMEND 19 TO 25
SØ CALL LOAD("DSK1.DISKSECT"
                                ":TIMES
                                73 CALL LINK("TEXTMD")
51 CALL CLEAR
                                74 REM SET TO TEXT MODE
52 PRINT
                                75 REM 40 CHAR PER LINE
53 PRINT "COMPARE SECTORS"
                                76 FOR X=1 TO TIMES
54 PRINT
                                77 A=INT (S1/25A)
55 PRINT FIRST SECTOR TO CO
                                78 B=S1-(A+256)
ነነ ... Σ"
                                79 CALL LOAD (-24576, Ø.D1.A.B
 56 INPUT "DISK# ":DI
 57 IF DIKI THEN 56
                                BU CALL LINK("SECTOR", D1, S1)
 58 IF D1>10 THEN 56
                                81 A=INT($2/256)
 59 INPU: "SECTOR ":51
                                82 B=S2-(A+256)
 WE IF SIKE THEN 59
                                83 CALL LOAD (-24576, Ø.D2, A.B
 61 IF S1>32767 THEN 59
 62 PRINT
                               84 CALL LINK ("SECTOR", D2, S2)
 63 PRINT "OTHER SECTOR TO CO
                                 SS NEXT X
 MPARE TO"
                                 86 CALL LINK("GRAFMD")
 64 INPUT "DISK# ":02
                                 87 REM SET BACK TO BASIC
 65 IF D2K1 THEN 64
                                 BS REM SCREEN DISPLAY
  66 IF D2>19 THEN 64
                                 89 GOTO 51
  67 INPUT "SECTOR ":S2
  68 IF 52(Ø THEN 67
```

one of the many DSRLWK's around (see the universal one

written by MG which we published last year, for instance)

is attached to the file, and EQUATE's are used instead of

```
CALL LOAD FROM BASIC TO CHANGE
SAVRTN DATA Ø
             SCREEN SIZE
                  IE:
                  38 CHAR PER LINE
CHPER DATA 49
                  46 SCREEN WIDTH
LINNID DATA 49
                  42 OFFSET TO 1ST CHAR ON NEXT LINE
NEXTCH DATA 49
                     SECTOR SIZE
SECSIZ DATA 256
                      SCREEN SIZE
SCRSIZ DATA 960 "
MYREG BSS >29
       DATA >F89
 PAB
 DSKBUF DATA > 1990
 SCREEN DATA > #999
 GAVEER BSS 960
 NAMBLIF BSS 16
 RAMBUF BSS 256
 SECTOR LIMI 0
        MOV R11, 2SAVRTN
```

LWPI MYREG

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Here is an award: bug-finder. A bug-finder is a person who manages against all odds to find bugs in programs, bugs that NO one else can find. These bug-finders are the bane of a programmer's existence, as they are constantly gleefully reporting bugs and making the poor programmer's life miserable while s/he fixes the %*!*) bugs. Trust me - I can testify to that from very firsthand, intensely personal experience. Grand prize

award goes to Scott Darling, who has found bugs in everything I've ever seen released (perhaps I should say "everything I've ever written"). Second prize (it was VERY close) goes to Glen Pederson, who finds bugs where I would swear there couldn't be any - but there are. Thanks guys - without you two, my life might be sore peaceful (big grin).

Btw... about PC-Transfer... the copies sold in Chicago and Milwaukee had some bugs in them... they would work fine on some systems (i.e. the ones I tested the %*50# program on), but not on others (i.e. the ones I did not test the %*50# program on). If you bought a copy, send the original disk to Genial Computerware (Grafton, MA address - NOT the Philadelphia, PA address), and ask for a replacement. Thanks (I guess) to Scott Darling for his umm... some than willing help (polite cough) in finding bugs for me in PC-xfer.

Here is a bit of information that has almost nothing what-so-ever to do with computers (so why am I writing it? Simple: it's late. I's tired, and I need a topic). When I got ay new phone line. I chose US Sprint as my long distance carrier because they are cheaper than AT&T. I quickly learned that is because AT&T is competent. US Sprint has late billings, snotty customer service (once you get through the near-constant busy signal, that is although getting through to the order number is easy), and is in general not worth the \$0.20 / hour I was savings (that's for night / weekend rates - evening rates from the two companies are about the same). This information could be useful for those of us who are addicted to calling computer friends and/or BBSes. Maybe we could form "Long Distance Callers Anonymous".... home....

D.R. Fudge wrote another article for this months issue, he tells se. He also tells se that he centioned my name. I want right now to publicly deny anything and everything he said about se. This man is a threat to normal life and sanity everywhere, and you should take almost as much effort that you spend avoiding me as you would to avoid him (but not quite).

News from the MYARC back (or should that be front? oh, who cares?): MY-Art V1.4 has been released. That version has vertical and horizontal flip. I have no idea how you go about getting the update, though. Write/call MYARC if you happen to have an older version of MY-Art. Jim Schroeder has released a program called NOT-MYTERM, which is a terminal emulator that runs from MDOS. It allows Xmodem transfers while omitting such basic abilities as ASCII uploads or a log file. Schroeder asks \$10 for it.

"And that's the way it is." Wail, I'm going to quit this boring rendition of From The Disk of the Insane One (aka moi). Until next time, lie down, relax, take a deep breath, and scream as loudly as possible. I leave you with this quote, which I originally saw published by Russell Humphreys in the K-Town UG newsletter many years back: "If builders built buildings the way programmers wrote programs, the first woodpecker to come along would have destroyed civilization".

```
R7, R9
R3, R1
      MOV @DISKNO,R4
SWPB R4
                                                              SCHZ
                                                                     A
AB
                        CONVERT DISK#
                                                                     BLWP GVSBW
      AI 84.1
                        3991 = 9191
                                                                     S
                                                                          R7.RØ
                                                                                  BACK TO CHAR LINE
                        8992 = $291
Ŧ
                                                                     8
                                                                          R7.R0
¥
                                                              SCNEXT INC RU
                                                                                      NEXT BYTE
      MOV @SECTNO,R2
                        SECTOR #
                                                                     DEC R5
      MOV @SECTNO, @FAC
                                                                     JET SCNXT
                                                                                      LINE FULL (28)?
                                                                     MOV @CHPER.RS
                                                                                      RESET
                          READ ONE SECTOR
      HOV 3PAB, RA
DΧ
                                                                          R6.RØ
                                                                                      SET TO MEXT LINE
                                                                     Α
      LI R1.>9199
                                                                          R7,RØ
       BLMP EVSBM
                                                              SCNXT DEC R4
                                                                     JET SCLOOP
       LI R1.>1999
       BLMP GVSBN
                                                              DEXIT MOV @SAVRTN.R11
                                                                     RT
                            READ DISK
       HOW R4, @FAC+2
                            INTO SOKBUF
       MOV 9DSKBUF, SFAC+4
                                                              * SET TO TEXT MODE
                            SECTOR#
       MOV R2, @FAC+6
       MOV &PAB, &SUBPTR
                                                               TEXTMU LIMI 0
       BLMP &DSRLINK
                            READ SECTOR
                                                                     LI RE, MIFE
                                                                                       TEXT MODE
       DATA DA
                                                                     SWPB R9
                            ETROR?
       MOVB 9DSKERR, R6
                                                                      MOVB RØ, @>8304
       JNE DEXIT
                                                                      SHIPB RØ
                                                                      BLWP EVATR
       MOV @DSKBUF.R9
                            MOVE VDP
                                                                                       COLOR TABLE
                                                                      LI RM, >030E
       LI R1, RAMBUF
                            TO RAM
                                                                      BLWP EVWTR
       MOV @SECSIZ.R2
                                                                                       WHITE ON BLUE SCREEN
                                                                           RØ,>97F4
                                                                      LI
       BLUP QVMBR
                                                                      BLWP EVMTR
                                                                      MOV @SCREEN, RØ SAVE BASIC SCREEN
                            MOVE RAM
       MOV ESCREEN, RG
                                                                      LI RI, SAVSCR
            RZ, RAMBUF
                            TO SCREEN
       LΙ
                                                                      HOV @SCRSIZ.R2
            R3,>6026
                        BASIC SCREEN OFFSET
       Li
        MOV RESECTIZER BYTES OF SECTOR TO MOVE TO SCREEN
                                                                      BLHP GVMBR
                                                                      MOV @SCREEN, RØ CLEAR BASIC SCREEN
        MOV @CHPER.R5
                                                                      LI R1,>8699
        MOV SHEXTCH, R6
                                                                      MOV @SCRSIZ.RZ
        MOV @LINWID, R7
                                                               CLS
                                                                      BLWP @VSBW
                                                                      INC RE
 SCLOOP CLR RI
                                                                      DEC
                                                                          82
        MOVB +R2+, R1
                         BYTE
                                                                      JGT CLS
                         COMPARE FOR
        CI R1,>2000
                                                                      LIMI 2
        JLT PHX
                         NON PRINTABLE
                                                                      RT
        CI R1,>7F99
                         CHARACTERS
        JOT PHX
                                                                * SET TO GRAPHICS MODE
        JMP PCH
        LI R1,>2000
 PHX
                                                               GRAFHD LIMI Ø
                         OFFSET
 PCH
        AB
            R3, R1
                                                                                        GRAF MODE
                                                                      LI RO, > 91ES
                         WAITE TO SCREEN
        BLIMP OVŠEN
                                                                      SHPB RG
        SÐ
             R3,R1
                                                                      MOVB RM, @>83D4
                         SAVE BYTE
 SCHEX HOV RI,RB
                                                                      SWPB RE
                         WRITE 1ST HALF
        ANDI R1, >FOOG
                                                                      BLWP @VWTR
                         OF BYTE
        SRL R1,4
                                                                                        COLOR TABLE
                                                                      LI RØ. >$390
             R1,)3000
                         IN HEX
        ΑI
                                                                       BLWP @VMTR
        CI R1,>3A09
                                                                                        SCREEN COLORS
                                                                      LI RØ,>0707
        JLT SCHI
                                                                      BLHP GVHTR
        AI R1,>4799
                                                                      MOV escreen, RØ RESTORE BASIC SCREEN
 SCH1
             R7, RØ
        A
                                                                      LI R1, SAVSCR
        AB
             R3.R1
                                                                       HOV @SCRSIZ.R2
                         SAME POS
        BLWP EVSBW
                                                                       BLWP @VMBW
        MOV R8,R1
                                                                       LIMI 2
        ANDI RI, >9F99
                         HRITE 2ND HALF
                                                                       RT
             R1.>3999
                         OF BYTE
         AI .
             R1,>3A00
                         IN HEX
        CI
                                                                       END
        JLT SCH2
            R1,>9799
```

BANNER OR BAN 'ER? another preliminary review

by D. R. Fudge

For those of you who missed by article last month, you didn't miss anything because I didn't write one. For those of you who didn't miss by column last month, you didn't miss anything either because you obviously didn't look for it anyway! Having said that, perhaps this months article will explain why there was nothing for you to be asset.

I had every intention of doing this review of BANNER as included in the Font Writer program in last month's article, but was waylaid by part of one line of code. Being somewhat tenacious (my wife, Laura, calls it stubborn!), I kept trying to resolve the problem singlehandedly and got nowhere for several reasons.

The problem was somewhat minor and I couldn't face the fact that I was unable to figure it out on my own. It seemed that when I ran the BANNER program the first time, I ran everything on default as presented on the menu option screen and it worked close to the way I expected it to work. The very next, and all subsequent (let's see...sub-means less than sequence or order...the prefix dis-also ceans less than...so subsequent cust mean disorder. Scaewhat like my mind) attempts gave me a printout with white lines in each letter. I knew what was happening. Somehow there was a linefeed getting sent at the end of each line of print. So I, being of sound mind, immediately went back to the default program included with Font Writer and set up my default device as PID.LF. There, I said expansively, that should take care of those pesky linefeeds. Well, as I said before, I never did get by review written because I still got those pesky linefeeds! I even got so desperate that I pre-set my printer, via a one line XB program, to turn off the linefeeds. Then mindset really began to win out over logical thinking, even though I get paid daily to troubleshoot and repair things and should have learned that you don't assume anything when things don't go as expected. When friends who should know better call on me to look at the occasional TV or other electronic device, the first things I look for are (1 the power cord is plugged in. (2 the on-off switch (or equivalent), is on. (3 the overload relay is not tripped, and (4 the outlet really has voltage applied to it. Yet, in my infinite trust in such people as the Mike Dodds, Paul Charltons, and J. Peter Hoddies (to mame a very few) of the TI Community, it never occurred to se that the problem was in the software as written. Another example of such concrete mindset was the fact that Mike Dodd and I had. over a period of several months of longing, patiently waited for our very own copy of Font Writer, and discussed how it was being rewritten in assembly language for a much faster version of a highly praised work. He had discussed it so often that it never even occurred to me to list the disk, check to see if the program BANNER was written in anything other than total assembly, and see if any of the printer commands were strange or ococcompatible with my much used TI(read Epson) printer! I knew that I might have a chance if the program was in XB or even very well commented source code as in some of the

fine Fairware programs out there, but high quality commercial object code such as Nike or Peter might have coded... I would have two chances, slim and none.

Anyway, after dozens of sheets of printer paper and yards of ribbon along with lots of hours of ploys to trick the printer or program into doing what I expected it to do, I was no further along on my review than when I started. Finally, through some devicus means, I canaged to get Mike Dodd cornered at my console and forced (with knife in hand) him to sit there while I loaded the Banner program so he could see what I had complained about for so many weeks. Mike, not suffering from the same mindset, and having no fear of anyone's code (Basic to Assembly and beyond) almost immediately decided to look at the program. And, lo and behold, not only was the program in XB, but the printer parameters were at the very earliest section of the program. A quick look at my Epson FX manual and a one line change fixed the program and made me ashamed I was too stubborn and trusting to do the same thing weeks earlier.

what probably would have compounded the problem was the fact that although Mike also has the TI impact printer, his has been uprated with the Dots Perfect package and probably would have operated perfectly with the coding as it was. The line reads:

51 PRINT#1: CHR\$(27) &*1" -

No problem for any later model Epson Printer or compatible. My older model, however, requires the code to read:

51 PRINT#1:CHR\$(27); "A"; CHR\$.(7)

For explanation, I hope it will be sufficient to say that this line sets the linefeed to 7/72nds of an inch. You will have to ask Peter Hoddie, Bonnie Bnyder, or some other person to find out why this is necessary. I have had many years of being taught to merely accept some things without explanation and although I still don't like it too much, I have learned to live with it (or is it without it?). At any rate, at this particular point in my life, I find that I have many more questions about things than I have time to seek the answers.

If I haven't belabored this point too much for the most patient of you, you, indeed, like myself, have the patience of an system. Now that the printer problem has been solved, let's get on with the program proper.

First we load the Font Writer program disk. Then select #3 SAKWER from the menu. When it finishes loading we are prompted for a font filename. The BANNER program requires the font used to be in CSGD format (as well as any graphic file to be included in the banner—That's right Ermintrude, you can mix fonts and graphics right there in a banner!!). Since the program comes with only one CSGD font, i.a. FUTURA/CH, I converted another font,

```
SCH2
                                                                    AB
      MOV @DISKNO,R4
                        CONVERT DISK*
                                                                     BLWP GVSBW
                        9991 = 9191
       AI R4.1
                                                                     S
                                                                          R7.R9
                                                                                  BACK TO CHAR LINE
                        9992 = 9291
¥
                                                                     S
                                                                          87.RØ
¥
                                                                                      NEXT BYTE
                                                              SCNEXT INC RE
                        SECTOR #
       MOV ESECTNO, R2
                                                                         R5
                                                                     DEC
       MOV ESECTNO, EFAC
                                                                                      LINE FULL (28)?
                                                                     JGT SCNXT
                                                                                      RESET
                                                                     MOV @CHPER.R5
                          READ ONE SECTOR
       HOV 3PAB.RA
DX
                                                                                      SET TO MEXT LINE
                                                                     Α
                                                                          R4, RØ
       LI R1.>0100
                                                                          R7,RØ
       BLWP EVSBW
                                                              SCNXT DEC R4
       INC RØ
                                                                     JET SCLOOP
       LI R1.>1996
       BLMP EVSBN
                                                              DEXIT MOV @SAVRTN.R11
                                                                     RT
       MOV R4, @FAC+2
                            READ DISK
                           INTO SOKBUF
       HGV 905KBUF, 9FAC+4
                                                              * SET TO TEXT MODE
                            SECTOR#
       MOV R2, @FAC+6
       MOV SPAB, ESUBPTR
                                                              TEXTMU LIMI &
       BLWP @DSRLNK
                            READ SECTOR
                                                                     LI RE,>@1F@
                                                                                       TEXT MODE
       pata 2a
                                                                     SMPB R9
                            ERROR?
       MOVE BOSKERR, RA
                                                                     MOVB RØ. @>83D4
       JNE CEXIT
                                                                     SHPB R9
                                                                     BLIMP GVWTR
                            MOVE VDP
       MOV BOSKBUF, RE
                                                                     LI RØ,>Ø3ØE
                                                                                       COLOR TABLE
       LI RI, RAMBUF
                            TO RAM
                                                                      BLWP EVWTR
       MOV @SECSIZ.R2
                                                                                       WHITE ON BLUE SCREEN
                                                                          RØ.>Ø7F4
       BLUP SYMBR
                                                                      BLWP EVNTR
                                                                     MOV @SCREEN, RU SAVE BASIC SCREEN
                            MOVE RAN
       MOV SCREEN, RE
                                                                      LI RI, SAVSCR
            R2, RAMBUF
                            TO SCREEN
       LI
                                                                      MOV @SCRSIZ,RZ
            R3,>69€9
                        BASIC SCREEN OFFSET
       LI
                                                                      BLHP OVMBR
       MOV @SECSIZ.R4 BYTES OF SECTOR TO MOVE TO SCREEN
                                                                      MOV @SCREEN, RØ CLEAR BASIC SCREEN
        MOV @CHPER.RS
                                                                          R1,>8999
                                                                      LI
        MOV SHEXTCH, R6
                                                                      HOV @SCRSIZ.RZ
        MOV @LINWID, R7
                                                               as
                                                                      BLWP @VSBW
                                                                      INC RE
 SCLOOP CLR RI
                                                                      DEC
                                                                          R2
        HOV9 #R2+, R1
                         BALE
                                                                      JET CLS
                         COMPARE FOR
        CI R1.>2006
                                                                      LIMI 2
        JLT PHX
                         NON PRINTABLE
                                                                      RT
                         CHARACTERS
        CI R1,>7F99
        JOT PHX
                                                               * SET TO GRAPHICS MODE
        JMP PCH
             R1,)2009
 PHX
        LI.
                                                               GRAFMO LIMI #
                         OFFSET
             R3,R1
 PCH
        AB
                                                                      LI RG.>#1EG
                                                                                        GRAF MODE
        BLWP ZVŚZW
                         WRITE TO SCREEN
                                                                      SHIPB RU
        SB
             R3,R1
                                                                      MOVB RM. @>83D4
                         SAVE BYTE
 SCHEX MOV R1, R8
                                                                      SWPB RØ
                         WRITE 1ST HALF
        ANDT R1, >FØØØ
                                                                      BLWP @VWTR
                         OF BYTE
        SRL R1,4
                                                                                        COLOR TABLE
                                                                      LI RG.>636C
             R1,)3999
                         IN HEX
        ΑI
                                                                      BLIMP EVWTR
        CI
             R1,>3A69
                                                                                        SCREEN COLORS
                                                                      LI RØ, >0797
        JLT SCHI
                                                                      BLUP QVWTR
        AI R1,>9799
                                                                       MOV @SCREEN.RØ RESTORE BASIC SCREEN
  SCH1
        Α
             R7.RØ
                                                                      LI R1.SAVSCR
        AB
             R3.R1
                                                                       HOV @SCRSIZ,R2
                         SAME POS
         BLWP EVSBW
                                                                       BLWP @VMBW
         MOV RB.R1
                                                                       LIMI 2
                         WRITE 2ND HALF
         ANDI R1,>9F88
                                                                       RT
                         OF BYTE
             R1.>3999
         ΑI
                         IN HEX
             R1,)3A09
                                                                       END
         JLT SCH2
             R1,>9799
         ΑI
```

i.e. CFUNTSI F to CFUNTSI/CH using the Font Manager program (a Tater review, I hope). I also changed a TI-Artist instance to CSED format to try mixing things up.

After the fant selection, you are prospted for the "stretch width". This prompt will take any single digit number for an input. My personal suggestion for this parameter is to select small (1 or 2) because the program gives you an opportunity to change parameters later and it's easier to change this later than to guess too big. The next prompt is for "stretch height". If you don't know what the maximum height you want is going to be, guess big texplanations follow). Next is the prompt for 'extra space". It mystified as at first but after some experimentation I realized that it just adds 6-2 line feeds to the space between characters to prevent crowding of the characters which may make them difficult to read at a distance which is the whole purpose of a banner anyway. Then you are prompted for "left margin". This allows you to center the print on the paper, or not, as you desire. It takes a few tries to figure out how far to save the fant, and may differ from fant to fant, but is no big deal. If, in the above "stretch height" prompt you chase to make your fant too big to fit on the paper in the space available, (according to paper width and the left pargin you chose) you are returned to the "stretch height" prompt for a new choice which will fit in the available space. This is why you chose too large in the first place. If you want your letters to be as large as possible on the page you can then downsize your choice until it is accepted. Wow! This program is smart! It lets you pick anything, but will judge the size and left margin choices to prevent you from feeling foolish when your letters overrun the right pargin and wrap around creating the largest collection of Gibberish you could ever hope to collect. When you find the largest stretch height acceptable to you, the program, and the printer, you can then continue through the next couple of prompts at breakneck speed until you are asked "IS THIS CORRECT?". Now is the time, at your option, to say "NO" and return to the "stretch width" prompt to set it to the desired width (usually the same or a smaller value than the "stretch height" unless you want really FAT letters. Then press enter through the next few prompts that you selected previously and "ENTER (your) MESSAGE". You can enter a message up to 9 screen lines long! Talk about your banners! That could qualify as a streamer (or is that a steamer) or a sail for the Queen Mary! Then you are asked again "IS THIS CORRECT?". If you say yes, sit back and prepare yourself to be in the banner business. I successfully accomplished this in only a couple of tries and immediately danced and pranced for Joy (Joy is a girl who gives me six-packs of Meller Yeller if I dance and prance for her [Gratitudes to Jan and Dean for the above prancing story])!

The fonts I chose (due to their size could be stretched only by a factor of 2 and 3 respectively with a left sargin setting of ϑ since they were relatively large fonts anyway. I as convinced, however that any font large enough to be legible on the screen or in printer output can be stretched and widened sore than enough to fill a standard sheet of computer paper, and should you have the wide paper, you can take the letters large enough to be easily seen on it. The spacing between

letters is a purely judgement thing because even with an "Extra Space" choice of 0 there is no joining of letters at close quarters (or dimes if you're on a tight budget) and you may have to look from a distance at the spacing to see the best choice without apparent crowding or paper waste (Can somebody tell me why it's always a parent doing the crowding? At my house it seems to be the children wanting to crowd the parents!).

The graphics (CSGD, i.e. /GR) file is put into the banner at the place you want it to appear by entering the filename in parentheses at the point you want it to appear (e.g. THIS IS (DSK1.JPHPICTURE/GR) A TEST OF THE INC FROM THE BRIDGE OF THE STARSHIP (DSK1.KIRK/GR) ENTERPRISE.)

Two or three sore comments and I will quit torturing you. First, when you print the lines for the banner, don't end a line with a space because it will be ignored (like my column) and you will be stuck with a banner that says "I wishit wouldn't dothis!". Second, the stretch width and height settings aren't seen by the graphics included in the text so you may have to experiment to find what works best with the particular font and sizes you selected. Third, if for some reason you want an unbelievably long banner or a second or third one, the next prompt is "ANDTHER BANNER". All you have to do is answer "Y" and select your settings once more, then enter the rest, or the next message. If you choose not to make another banner you are returned to the main menu of Font Writer.

I found it hard to think highly of this program while trying to review it for this article until I was able to get the printer problem resolved. Although that was a real hassle for me. I cannot let that influence my review of the correctly running program. JPH has done it again as far as I am concerned. This is another fine feature of the Font Writer System. System, because there is too much to the thing to just call it a program. It. like more and more software coming out in today's market is a jewel with many facets. For my personal tastes. there are a few minor flaws as noted in the DISK DUMP sini review and in this one but overall they show me the great strides in programming for the II that have been made since the likes of the junk I was writing when I got my console and tape player. I only hope this trend in software and hardware continues. If that he the case I shall have no need to trade in my TI99/4A or (hopefully. one day, 9640) for pany years to come. I have seen some reviews of programs that say little about the program and lots about the author, most of which is critical. I only hope these bright stars in my little computer world know I appreciate their efforts greatly and while I may point out things which are shortcomings to me in my personal set of circusstances and occasionally make suggestions that would benefit myself personally. I think they are the greatest things since pockets on shirts. Hopefully with the support of the fine user's groups around the world they will grace our ranks for a long time.

P.S. For those uninitiated to the East Tennessee hills, we have a festival every year for the ranks. (Blush, blush!! Mike tells se that it is actually a ramp festival. It's only your breath that's rank afterward)

BUG SPRAY - THE ERROR CORNER

compiled by Tom Freeman

SUPER SPACE II HODIFICATIONS

This is not really a "bug" but rather a hardware "fix" but I thought this would be the best place to put it. It was contained in a message from Ben Hatheway to Danny Nelson on the LA 99er BBS. To quote:

Holding the Supercart with the connector side down and the components towards you, replace the two diodes, one above the memory chip with the band left, the other below the battery, band right, but put a 336K resistor in line with it (not across it). If some programs do not hold then replace the two 19K resistors with 2.2 or 3.9K. I did that today and it helped with a couple of programs that were falling out when the console was turned off.

TIGERCUB

Jim Peterson, Tigercub Softwere, 156 Collingwood, Columbus OH 43213 sent this to us.

If you bought ay C11 disk, Kid's Games, please check line 199 of the Butterfly and Flowers program and, if necessary, change it to -

1999 CALL CLEAR :: CALL SCREEN(4)

If you bought my C12 disk, More Games, and have trouble loading Lost Plane and Andromedan Invasion, please go to line 1999 of the LOAD program and change *TC-18* to *TC-18 and *TC-23* to *TC-23. Or, return the disks to me and I will fix them.

Thanks to Ollie Hebert for this fix to the Gordian Knot in Tips from the Tigercub #36. This will keep it from running off the edge and crashing in the automatic mode.

270 GOSUB 480 :: R=R-24*(R<1)+24*(R>24): : C=C-28*(C<3)+28*(C>30):: CH=128-(D=1)-(D=3):: CALL GCHAR(R,C,6):: IF G<>32 THE N IF INT(2*RND+1)<>1 THEN CH=6

UNITED 99/4 DATA BASE (Topics 1/88,p.4)

The main error in John Owen's article was due to a foul up on the part of the editor (Tom) who LEFT out the examples mentioned! John was kind enough to provide them to us on disk for reprinting this month - unfortunately EXAMPLE #3, which showed what a series of screens would look like, was not included. Jan and Alan also provided the solution to the printer "problem."

PLEASE CHANCE PARAGRAPH 3 READ AS FOLLOWS:

"PRINTER SET-UP"

We originally found a way to make PR-BASE print for the DIP switch settings we had on our MX-89 and GEMINI 19-x printers. We have since learned that if your DIP switches are in FACTORY configuration, you don't (DO NOT) have to change your DIP switches!!!

48.44

If your DIP switches have not been changed, use PIO as the CUTPUT device name. For other DIP switch settings, try: PIO.LF, PIO.EC, PIO.CR, "PIO." etc. To set OUTPUT device name use the "O" command (OPTIONS). BEFORE entering PIO, hit FCTN-3 (delete line), then enter PIO. Also make this change PERMANENTLY on the DATA FORM using the "CREATION" program.

ALSO due to formating problems, EXAMPLES NO. 1 AND 2 were not printed. Please add them to the Jan 68 article.

184-

*3001:
froa:
#Mg/Yr:# / <*****(Revision) Pq#:
*Auth:
*Auth:
•
Description(TEXT)
Encoded By:*
EXAMPLE NO. 1
9 \$123456789912345678991234567899123456789
40 ++++++++++++++++++++++++++++++++++++
89 ++*Subj:[234567899123456789]+++*[D#:+[2]
129 +++From: [2345678991234567899]*++++++++
169 ************************************
200 ++*Auth: [2345678901234]*+*U60: [23456789]
248 +++++*Cat:[23456789]*++***No.gf+Screens:[]
28 ++++++++++++++++++++++++++++++++++++
329 Description: (TEXT)+++++++++++++++++++++++++++++++++++
369 (23456789912345678991234567899123456789)
469 (23456789912345678901234567890123456789)
446 {23456789612345678XXX123456789612345678}
489 (12345678991234567899123456789912345678)
529 ++++++++++++++++++++++++++++++++++++
368 Encoded+By: (2345]************************************
6₽₽
649 ++++++++++++++++++++++++++++++++++++
689 ++++++++++++++++++++++++++++++++++++
729 ++++++++++++++++++++++++++++++++++++
769 *********
350

EXAMPLE NO 2

LIBRARY ADDITIONS FOR FEBRUARY

by Fred Moore

Two copies Of all program disks will be made available to the members at the regular meetings. If you plan to obtain any disks from the library at the meeting it is best to phone or write the LIBRARIAN in advance to be sure they will be on hand. I will put your name on them.

0000 LA99ers LIBRARY CATALOG FEB SB UPDATE : SPECIAL PRICE \$1.00

NEW ADDS FOR FEB LA99 LIBRARY

Please note that due to the partial printing of the complete library this month, details are not being printed here for those programs that are in this months complete list. The rest of the library will appear next agonth.

The Library Committee wish to give thanks to those who donated disk to our Library this month: TERRIE MASTER, DAN WELSON, CHICK DE MARTI, S.M.A.U.B/99, CLUB/99 U.S. EARL RAGUSE, TOM FREEMAN, HOUSTON U.G. (HUG), Where is yours?.

2450 UNIVERSAL PRINTER UTILITY Freeware by Dan Gagel 22 6th St. Sayreville, NJ 98872: Customize you own printer funtions by putting in the printer software controls codes. ANY PRINTER.Use E/A #5 UPU. SSSD(130)

2606C FAST-TERM DIALER &MACROS

2606D FAST-TERM V1.16/2 JAN.88 FASTTERM modified by Peter Hoddie: Catalog with comments, 3 new files commands, Improved XMODEM transfer, Inversed video and many more changes to Paul Chriton program. SSSD(171)

- 2624 CAT LIBRARY V1.5 Freeware by
- 2628 ARCHIVER II V2, 4 Freeware by
- 2645 FUNLHRITER V4.9 NOV.87 Issue.
- 2649 PRM/MODEN Freeware by Ron

2651 QIAD LISTER V4.1 freeware by Herman Nieuwendaal 4715 Fox Hunt Dr. Tampa, FL. 33624; This is program that writes, stores and labels Disk with comments. It has "MERGE" files for the Okidata, Epson, Gemini and The Axica printers. SSSD(180)

3018 BUSINESS #11 13 Programs from H.U.G.:RECEIPTS stores & prints expenses, FRICTION find velocity & coefficients, INVESTMENTS calculates value annuties payments etc. FORM 2196, ADDRESS FILE sort & search, STATEMENTS prints billing, RECORD keeping, FINANCE MATH, HOUSE COST, STOCK TREND, STOCK RECORDS, PERI/C.P.M., WORD PROCCESSING prints, CONVERSIONS English/Metric, SSSD(340)

3019 BUSINESS #12 17 Programs from H.U.G : HOME

LOANS basic prints, STOCK MARKET RECORDS, CHECKBOOK BALANCE, LOGARITHMS base 10, CHISQUARE, SIGNA minimus to maximus. LINEAR REGRESSION, ADDRESS prints, MY DOG PEDIGREE printes 32K, UTILITY SERVICE SPREATSHEET printer, NANCY'S BILLS cassette, MONTHY EXPENSES cassette, TREASURE printer, PERSONAL ACCOUNTANT printer, GOLD COIN VALUE FINDER printer, MAIL LABEL printer, MEMBER LIST disk printer. SSSD(357)

Gaskill P.O.2642 Grand Junction CO. 81592, This program has all of the tools needed to "Audit and keep personal or business records." SSSD(360)

4538 UN99/408. By John Owen Index of

4539 MISC #27 27 unique short programs from child to programmer. : CONVERTER, TI/APPLE, BRICKBUILD, BASKET WEAVER, PIANO, ECHO, FBI, CURSOR, LETTER HEAD, LOVE TI, PRINT BOC. RUBIX, TINYCAL, TRAIN, TYPEHRITER, and many more. SSSD (359)

5046 EDUCATION #37 18 angineering type programs from H.U.G.: TEACHER'S HELPER analyze student grades, COIL wrapping, COMET positions, CONCRETE DEAM cross section, CONTEST DUPE FINDER logs of radio stations, CROSS CORRELATION FOR CURVES, POWER SUPPLY filter, DX BEARING signs and country, EKG PATTERNS, ELECTRICAL FAULT CURRENT CALCULATION 3 phase, ERROR of closure for traverse, FACTORS prints factors of intergers, FIBONACC compute up to 40% numbers, FILTERS calculates resistor and capacitor. FLUID POWER, ANTENNA POSITION for satellities, HARMONIC CURVE FITTING fourier analysis SSSD(358)

5841 EDUCATION #39 23 engineerinf type programs from H.U.S: HISTOGRAM ACCUMILATION create & stores, KRUSKAL-WALLIS TEST, LENSES computes formula, LINEAR PROGRAMMING, GREAT CIRCLE distance & bearing, MEDICAL CALCULATIONS, MOVING AVERAGES, NIGHT SKY, OUTLYING OBSERVATIONS, PARABOLIC REFECTORS design, HIGH RESOLUTION PLOTTER plots x-y coordinates, POLYNOMIAL CURVE, PNEUMATIC CONTROL SENSORS temp & pressure, QUAD ANTENNA designs, RADIANT EMITTANCE, INTERMODULATION PROGRAM between 4 transmitters, REGRESSION ANALYSIS calculates, ROOTS OF POLYNOMIALS, SHORTWAVE LOG, SOLAR INTENSITY gives azimuth altitude & intensity, STATSPACK, TELESCOPE design, TIME universal to local SSSO(360)

5042 EDUCATION #39 10 programs from H.U.G: TRIGOROMETRIC FUNCTIONS, VECTORS addition % subtraction, VOLTAGE DROP, WAVE CALCULATOR wavelength, FULL WAVE BRIDGE RECTIFIER design, LONG DIVISION CHECKER check math for children, MATRIX finds determinants, MISCELLANEOUS CALCULATION 3X3 matrix, quadratic equations, synthetic division, bisection, RULE OF 78'S contract pay aff, TV FREQUENCY, X-SISTOR resistor/transistor. SSSD(199)

6948 GENEALOGY TIN TI-HELPER

* * Topics - LA 99ERS * *

7959 CHRISTMAS MUSIC BY James Rush

7051 CHRISTMAS SCNGS Freeware by

7052 MUSIC #42 PD/MUSIC/A From

7053 MUSIC #43 PD/MUSIC/8 From

7054 MUSIC #44 PD/MUSIC/C From

7955 HUSIC #45 PD/MUSIC/D From

7956 HUSIC #46 PD/MUSIC/E From

7057 HUSIC #47 JP/GH/HUS From

7858 XUSIC 48 BSAVED BY Earl Raguse 9 songs played in Forth with words for sing-a-long. Load with E/A #3 FORTH (DSK1). : BALLERINA, GRANDFATHER CLOCK, AMAZING

THESE BUGS DON'T BITE!

by Steve Mehr, UG Member

Mambarship. Let's define the word, shall we? "The state of being a member, as of a society or organization; the total number of members belonging to a body." Boesn't really say much, does it? My guess is that Webster never owned a TI! My membership is this "body" needs no introduction, but what have I been missing?!? Just east of L.A. is a group of TI'ers it seems that time has not touched. I'm talking about the Brea User's Group, or BUG for short. Many User's Groups (including this one) used to boast about the kind of attendance that BUG continues to draw. This is one strong group. With a membership including people like Newt Armstrong, Roger Davis, Kan Hamai, Bill Harms, Rodger Merritt, and a few I'm sure I missed, you can see what I mean.

I had a very pleasant experience during their last meeting where I was asked by Rodger Herritt to dead Font Writer II and Remind Me!. It sure is nice to see new TI faces, especially ones that make you feel welcome. If (emphasis "IF") I am to join another group, BUS is on top of my list!

P.S. Ken Hamai, sorry to hear of the loss of your father. All of our prayers are with you.

The United 99/4 Data Base

John Owen from the Johnson Space Center User's Group located in Texas was the guest speaker at our January meeting. What John presented to us is something that will benefit every TI user and is long overdue for our (small?) TI community. John presented a data base created with PR-BASE (hear that Bill!) that will be used to enter data to index User's Group newsletter articles, 4A magazine articles, 4A supplier addresses, 4A hardware/software products. 4A fairware, tips, tutorials, short programs, etc. This data base will be maintained by the JSC UG and will be distributed to all participating User's Groups. This effort needs YCLR support as you can see how valuable this data base will

GRACE, BRANNS LULLABY, BILL BAILEY, COOL WATER, AMERICA, AMERICA BEAUTIFUL, GOOD NIGHT LADIES, SSSD(360)

8999 WODESTOCK Freeware by Ray Kazmer 13225 Azores Ave. Sylmar, CA 91342 A very cute DEMO the graphics and action will amaze you. All about Snoopy leaving a Christmas present for Woodstock. Great for all ages. SSSN(75).

8091 ART From users Group: Great graphic programs using E/A #5. Displaying great pictures. Anteacer, Bear, Cow, Elephant, Frog. Giraffe, Horse, Weasel, Kerus. SSSD(237)

LIBRARIAN FRED MOCRE 7730 EMERSON AVE. LOS ANGELES, CA 90045 213-670-4293

become. Many User's Groups have already started indexing their 1987 newsletters to participate in this venture. All it takes is a little effort from a few members of your User's Group. Thank you Jan Williams!

User's Groups wishing to obtain a starter kit for joining in the United 99/4 Data base should send \$1.20 to the address below. Included with the Fit is disk UN99DB/1, the first disk in the data base.

JSC User's Group 2321 Caryell Street League City, Texas 7/5/3

Hopfully, complete information will be included elsewhere in this newsletter.

P.S. In the current issue of MICROpendium (Jan '88) on page six in the Comments section is a mention of indexes. It seems that there are two other data bases already in existence. One involves BASIC Data statements, and the other utilizes TI-Writer (D/V 80). MICROpendium mentions that after they medide on which data base to use, they will publish it in consecutive issues. Very interesting:

I have seldom found myself sharing computer anithotes via the newsletter. The main reason is that by the time I've discovered something earth-shattering (to me) wouldn't you know it. It just got printed in a newsletter I received the next day' Well. Maybe this isn't news to you, but it sure wes to me.

When writing newsletter articles, I usually keep

thea on disk for awhile. My newsletter disk was getting full and this article was being saved on side two of a double sided disk. When I tried to load it the next day for printing, I found it had intermittent read errors. Horrors' Good thing for my Horizon RAMdisk, as I always save to it also. (Better safe than sorry.) I decided to initialize a disk with the suspect drive and low and behold, side two had forty tiny groves in it. It was just like looking at a record. Yikes! I first thought it was time for a not-cost-effective head alignment, and so close to the Fest too! So I decided to start at the beginning, head cleaning. Then it hit me (ouch!) that all my head cleaning disks (both of them) were single

sided. Now what? I then made a flippy out of one of them including a second index hole. With that done, now was I going to access side two since that was the head with the problem? Advanced Diagnostics to the rescue! After loading Diags, I inserted the flippy cleaning disk upsidedown (just like a flippy) and simply attempted to edit some sectors on the other side, eg. ES 500. After a few attempts at this, I initialized another disk with the suspect drive. My heart was pounding as I slowly turned the disk over to examine the other side. No longer was I producing 45's! I hope this information is helpful to others.

HOW TO PICK A RAFFLE WINNER

by Tom Freeman

For the past several months, as our Club has been running raffles with relatively valuable prizes, several members have asked as how I make this a completely fair raffle, especially since one of the Board members won more than once! The following QD (quick and dirty) program is what I developed to make the choice completely random. The problem with TI's RANDOM function is that it is not always truly random. This little program has the feature that the randomness is provided by a member coming to the computer and pressing a key - this non timed event is truly random. I have also added the feature that anybody who has already purchased tickets can be entered into the DATA statements, and those who purchase at the time of the raffle can be entered from the screen.

199 DIM A\$ (399) ! 186 110 READ N.NS :: IF N=0 THEN 130 ELSE PR INT N\$, N. 1983 129 605U8 199 :: 60TO 119 1977 130 DISPLAY AT (24,1): "ANY MCRE NAMES? (Y Y" :: ACCEPT AT (24,28) SIZE (-1) V ALIDATE ("YN") PEEP: ANSS :: IF ANSS="N" TH EN 156 1993 148 INPUT "# TICKETS, MANE (8,5 TO END) " :N.NS :: IF N=8 THEN 159 ELSE GOSLIB 199 :: GOTO 149 1933 150 N=X :: FOR X=1 TO 100 :: NEXT X !255 160 FOR X=1 TO N :: CALL KEY(0,K,S):: IF S=# THEN 179 ELSE 180 1909 178 NEXT X :: GOTO 168 1995 180 FRINT "THE WINNER IS-:A\$(Y):: STOP 1176 190 FOR X=X+1 TO X+N :: A\$(X)=N\$:: NEXT X :: X=X-1 :: RETURN !297 299 DATA 3,MR. FIRST, 3,MRS. SECOND, 7, MS. THIRD, 59.H. ETC 1951 1999 DATA 3, 3 1956

A quick explanation of the program. Line 199 allows 309 tickets, not entrants. The DIM can be larger, but I don't know what the limit is before memory runs out (probably very large). Line 119 reads those who

purchased tickets before the program was run — use the DATA statements in line 200 and add as many lines as you need — just make sure that line 1000, which signals the end, is last, and that the NUMBER of tickets comes before the name of the purchaser. The subroutine at line 190 sets as many elements of the array as necessary to equal the number of tickets, and calls them all by the name of the purchaser. The loop has to reset itself to X-1 at the end because when the routine EXITS the loop, X will be one higher than the last array element set.

The program then returns to 110 and keeps reading more names until 0 is reached, and it then jumps to 130 and asks if there are any more names to enter from the keyboard. If there are not, then we jump directly to the main program in line 150. If there are, the number and name are input and subroutine 190 is invoked again to assign more array elements.

tine 150 is a short delay loop to cake sure the last press of the enter key is not counted as the key to exit the following loop. Lines 160-170 are the core of the program. It just keeps on looping through the NUMBERS of the array (not the actual elements - this would take longer) with only two statements between the FOR and the NEXT of the loop, one to detect a key press and the other to exit the loop if one IS detected. Then finally in line 180 the number the loop was at when it was exited becomes the element of the array assigning the winner.

Simple isn't it? It took me longer to write this little article than it did to write the program. It is an example of the power of BASIC to do anything you want it to do. It may not always be fast, but it WORKS. Next month I'll show you an even shorter one that allow the computer to make GUESSES to find the right answer to a question!

By the way, this program was printed using my CHECKSUM utility (published last year in Topics and MicroPendium, and contained on the LAPPER UTILITY disk/docs) to ensure accuracy of typing.

RAFFLE RAFFLE RAFFLE RAFFLE

The Club Raffle for the months of February and March is for a GRAM KRACKER! This marvelous piece of hardware was, as you know, discontinued over a year ago, and the secondary market has set prices at least equal if not greater than the original price. Together with my RamDisk and some wonderful programs such as GramPacker, my TI 994/A became a speedy and very versatile computer. DO NOT PASS THIS ONE UP!!!!

In order to induce you to buy as many tickets as possible - this is after all a fund raising activity for the Club - the price of tickets has been modified so that the more you buy the cheaper each one becomes. Remember that the more tickets you buy the greater chance you have of winnning.

In order to give our national and international members a chance to join in, each raffle goes for two months, so the drawing for the GK will be at the March meeting.

NAME			
ADDRESS			
CITY			
STATE, ZIP			
1 TICKET \$2.00			
3 TICKETS \$5.00 7 TICKETS \$10.00			
11 TICKETS \$15.00			
20 TICKETS \$25.00			
25 TICKETS \$30.00			
3Ø TICKETS \$35.ØØ			
36 TICKETS \$40.00			
42 TICKETS \$45.00			
50 TICKETS \$50.00			
REMEMBER NEXT MEETING - Wednesday Feb. 24, Torrance Public	******		
a Canadame.	(040)	074 +000	E 1
* Ton Freeman (213) 454-1943 * Fred Moore	(213)	679-4293	E 1
Terrie Masters (213) 2/1-0936 * Aran whiteman	(213)	213-8400	
Terrie Masters (213) 271-6930 * Alan Whiteman Chick De Marti Doug Moore (213) 451-1069 * Topics Editors: Treasurer: Tom Freeman		332 3-33	
Treasurer: : Tom Freeman	(213)	454-1943	
Alan Whiteman (213) 379-8#31 * Terrie Masters	(213)	271-6930	₩.
* Membership Chairman:			*
* Ed May (213) 644-6241 * Steve Chalcraft	(213)	929-3213	Æ 1
* Sales Chairman: * Hospitality Chairman:			
+ Gail Fair (213) 326-6660 + Myron Harns	(213)	675-3959	* * *
Membership in the LA 99ers, including subscription to Topics i LA 99er BBS PHONES: 213-755-7239 (Danny Nelson, Sysop) and 213-864-2488 (Steve C	s \$2Ø.	ØØ per ye	ar
413-130-1439 (Month Metson, Sysob) and 413-004-7409 (2000)	naticial.	, ၁/၁ 0/	•

WELDONE TO LAY! LURARY

THIS LIST CONTADIS THE DESCRIPTION AND NAME OF THE DISKS THAT ARE IN THE LA 77 USERS GROUP LIERARY.

THE PRICE FOR THESE PROGRAM DISKS ARE AS FOLLOWS:

EACH PROBRAM DISK = \$ 3.08 4 DISKS FOR = \$15.08

HATLING AND HANDING (USA) IST DISK = \$.75 EACH ADDITIONAL DISK = \$.25

WEN YOU ORDER PLEASE SIVE THE MOTHER ALDIS WITH THE WHE.

SITE PROGRAM DISKS HAVE THE DOCS ON PAPER NOT ON THE DISK. OF YOU CARE FOR THE PAPER DOCS PLEASE INCLUDE THE COST OF RECUPYING PLUS MAILING. PRICE IS SIVEN IN THE MESCRIPTION OF THE DISK.

DISKS ARE IN 11 CATALOGS AS BELOW

FORTH-PILOT-C99-A/E-PASCAL-WYCOVE

2291 FORTH DEPO 12 Use Editor-Assembly 13 DSK_FORTH - Great graphic depostration of FIRTH - Circles and Squares Kaledscope type patterns. (SSSD) 349

2292 II FERTH includes II-FERTH disk and 25 PAGE DESTRUCTION PARISH. (\$19). Use Editor/Assembly NJ USK FERTH (SESD) 364

2203 II FORTH 18 II-FORTH disk that uses Extended Basic to run. Loads automatically. (SSSD) 366

2264 TI-FORTH SOURCE A Up date of II-Forth by Texas Instrument - Part A New Source Codes (SSSD) 252

2205 T1-FORTH SOURCE 9 Up date of TI-Forth by Texas Instrument - Part 8 New Source Codes (SSSD) 182

2266 H-FERTH NUTURIAL Use II Writer to print 35 pages of Forth tutorial, well written by George Sorth. A good addition to TI Manual for sore information about FURTH. 2(SSSD) 574

2297 TI-FORTH FORCH Use TI-Writer to print 12 lessons on FORTH starting from word DE great for beginners. 2(5558)684

228 TI-FERTH INFRINCED A TI-Fourth disk addition to improve operation written by Micheal Jagerann. . (SSSD)346

2299 TI-FERTH PACKAGE Complete FURTH package consists of 2000, 2001, 2592, 2963, 2964, 2965, 2966, 2967, 2969 and FIVE II-MIDES IA 75.29 value for 525.26) a great getting starting Forth package. 12(SSSD)3137 PLUS HANNAL

2219 II FORTH TUTOR Uses II Weiter to print an another excellent beginning Forth tutorial instruction. (SSSD) 289

2211 4TH UTILITY E/A or I/B Disassembly, Decoplier, catalog, Mass Copy, File Reader, Fixer, Screen Cusp, Writer, Printer, Etc. 2(5550)377

2212 4th NAMES Use TI-Writer or Extended Basic, Prints 49 pages of the FORTH Hanual. 4(SSSD) 1367

2213 C:BITS A graphics library designed to be used with Clint Pulley C99

DISK # BY XIII

INDEX * List of programs with Number in Library 455 LANGUASE = Forth -Pilot - C79 - A/E - Pascal - Wycove PRINT = Printer - Writer - Mail - Label 27_ 24_

DISK = Copy - Cat - Hanager - Ters - Load - Henu - BBS 26_

UTILITY = Test - Bug - Aid - Assemble - Program - List 28_

RUSINSES = Tax - Bill - Record - Checkbrok - Bonds - Calc **39**_

#_ MISC = Mixture of subjects on a Disk

ENICATION = Teacher - child - adult - All subjects 34_

HOPE = Programs that can be used arount the Home **64**_

MISIC = All type of Music with words, graphic, and sound 79

DRAWING = RLE - Logo - Art - Graphic - Banners - Sketch

26

SNES = Games for all ages - Color, graphic, sound 1 control

CROSER DISKS FROM LIBRARIAN FRED HOUSE 7738 EVERSON AVE LOS ANGELES CA 99545 213-679-1293

LIBRARY L.A.99ERS 1988

program. Aid in translation of Basic program to C program. Use TI-Writer to read. (SSSD) 249

2214 PILOT HIM! I/B Signilates and demonstrate the essential structure of PHLOT. Will list the programs lines as a program line entry, with carry sore of PILIT community. (SSSD) 57

2215 TI-FURTH FURTHITTING Editor/Assembly - Use with Corpora Controller for Double Sidest Double (SSSD) 344

2216 MPASCAL This is a single sided PASCAL disk from MUCK - Has System Library file for use with the compiler. System Setup for correct printer configuration. STRITE program before and after compiled. (SSSE):244

2217 PILIT MANUAL Freeware by Thomas Weithofer 1999 Harburg Dr. Cincinnate, CH 45224 - A 68 page canual for PILOT-79 disk. Use READMRITER program to print. (SSSI)359

2218 FAST FIRTH Fremmare by Tis Curran 4153 Four Pole Road, Huntington, W 20191 is for those 'FURTH' enthusiasts meeting 46 column auto-repeat, editor locator, etc. SSSD (364)

2219 PILIT 99 Framure by Thomas Neithofer 1869 Harbury Drive, Cincinnati, OH 45229. This is called the simplest programming language available for the TL/994A. Extended Basic. Hanual included on disk samy pages. Send him 52 dollors and two sm/sd disks reusable mailer, and whatever postage it costs you to send the bus disks. 1660 (449)

2778 CTO COMPILER Framework by Clint Pulley JR Townsend Ave. Burlington ONT LITIYA Canada. A excellent MEN language. The first butorials on the C language. ISSN (713)

2771 TEATH Freeware by Kan Carrothers 3337 Faberge May Sacramento, CA 70826. A Terminal Emulator progress written in FURTH Immgange. This is a east for those interested in the FURTH language. SSED (366)

7777 FRIN MCCIP Fremure by Jim Lewis 1997 Trout Vailey Rd. Champaign IL 61821. The W.M.990ers User Group soney Maker. An utility program for copying programs written in forth. SSSN (238)

2223 FIRTH CONFIGURATION Fromume by Rene' LeMianc 8719 E. San Lucius Dr. Scottschie AZ 85258. Provides an enchaced development environment with minimal equipment. DSSD (729)

2224 FIRTH 5 By Bruce Carson (E/A opt 3 DSK1.FIRTH) This is a fast loading Forth disk andified with PID printer default. He has away good programs on this Forth disk. (SSSI)366

PRINTER-WRITER-MAIL-LABEL

- 2491 II WRITER (POATE (PIO) IT-WRITER has been enchanced to provide true lower case letters, elicinate the form feed while useing the formatter, and provides for a printer default. (SSSO)146
- 2492 II WRITER UPDATE (SER) II-WRITER has been enchanced to provide true lower case letters, eliminate the form feed while useing the formatter, and provides for a printer default. (SSSO) 146
- 2463 FAST PRINT By Bill Harms 1/B Routines for entering your specific printer codes for special printing. Use as is or sarge. (SSSD) 185
- 2444 PRINT SERS #18.59 Printer utilities disk by Top Freeman Prints DENNE CHIPM, WARIABLE CHIPM and SIDEMAY, With documentation. (SSSD) 292
- 2495 <u>WITLITY V2</u> Use editor Assembly or Extended Basic. Two popular programs on one disk TI-MRITER and DY-1969. When useing E/A load and run . CK with TI-controller no good useing Corp.Comp Controller. (SSSD) 237
- 2486 SCHEN DUTP By Tos Freeman I/B OR E/A Will screen dusp your program at any point you insert this program, Direction on disk. (SSSD)81
- 2447 4th SIXER RUP By Howard Rogers -E/A- Prints a full size replica of the screen on a compatible printer. (SSSD)
- 2428 <u>DOUBLE SIDEMAYS</u> By Tom Freeman-Print text or tables sidemay on the paper or print two columns useing condensed printing. This program is used in print the front page of out Massletter. (SSSD)62
- 2499 PITS Freeware by Ted Whomsley 9752 Crist Ave. Anabein, CA 72294 A. Printer Initiazation and Type Setting Program. Enable you to control your printer directly from the key board. These selections. Basic or 1/8. Use with TI-ERITER OR METIPLAN. ADJITEMENT is a fun program included. (SSSD) 118
- 2319 STEPRIMP Freeware by Danny Michaels Route 9, Box 460, Florence, Al. 33633 works with Epson type printers and will give you both verticle or horizontal printouts in double or single size. SSSD (332)
- 2411 IK/MRITER Freeware by Tom Knight (see above). This does everything the Π -MRITER will do-without need of the cartridge-except Show Directory. SSSS (175)
- 2412 PRINTOUT Freeware by Steve Mahr 653 Hollyburne Ln. Thousand Daks, CA 91356. An Extended Basic utility allowing a wide variety of options for outputting A 'display Variable 89° file to an Epson or Gesini printer. SSSD (353)
- 2413 <u>DISPLAY AT</u> Freeware by Barry Traver Genial Computer Name Philadelphia, PA 19123. Smild a "BLANK" TI-WRITER file to create screen of "Displat At" statements. SSSD (32)
- 2414 HETPRINT Freeware by Sch Lawson 16223 Hill Point Drive, Houston TX 77959. A utility to print Household Budget Management Module files, excellent!. SSSN (323)

- 2415 FREARITER V4.9 Freeware by Funnelsab Fare Tony & Will McGovern, 215 Grinsall St., Kotara, MSN 2288 MASTRALIA. This version greatly improve III-MRITER, EDITOR ASSEMBLY, DISK MAKER 1969 (3.5) & UTIL1. All are interconnected where you can go between programs. Must read COCS to get the complete information. 2(SSSS)795
- 2416 SIDEPRIMI Fremmare by Jim Smedicon 7381 Kirby May, Stanton, CA 79686. Prints a MiliPLAN file on your printer sideway. This will allow your spreadsheet to be printed as one continues sheet. SSED (197)
- 2417 <u>November</u> V1.3 Paulo Bagnaresi Via J.F.Kennedy 17 29877 San Genato Milansae Italy. Updated Version 1.3 for New Horizon Ram Disk and more. This word processor does everything IT-WRITER can do, and more....Faster, more convenient, everything! DSSD (557)
- 2418 STYLARELS Freeware by Stave Pair 633 Hollyburne Lane, Thousand Gaks, CA 91364. A unique three across label printer utility allowing a wide variety of options for designing and pri. 5550 (99)
- 2419 II HRITER HINTS Freeware by Dick Altsan 1953 Shrader St., San Francisco. CA 9417. Hints instructions and creeceds controls for useing II—HRITER. Very helpful. SSSD (193)
- 2425 MAIL/LANS Freeware by Henry Beck & Country Home Rd. Lexington, NC 27292. Another Hail list and label program. Create data base names, address and phone numbers list (six itmes) with reverse name. Can select which name to be printed or how many labels you wish to be printed per name. . SSSD (57)
- 2421 TRANS_ITERATION Freeware by Jic Mekeel 11576 Forest View Humston, OH 44924. transliteration program for the TI-MRITER. Complete list of codes useing Control U & shift by useing .IF Command. SSED (29)
- 2422 <u>HYPHENATUR</u> Freeware by Wayne Stith 715 Timben Brive Richmond, VA 25229. Reads your DVV-06 file and displays it one paragraph at a time. You set eargins and it shows word/character that can be hyphenated. The text is saved to new disk file. SSSD (119)
- 2525 MAITPLAN PRINTER CONTROL Freeware by Ted Anderson 5179 Caste Drive Pittsburgh, PA 15256. Printer controls codes for the Semini and Eyson printer for printing Multiplan data. SSSD (217).
- 2424 SATERSITI Francisco by David R.Sagers 214 Grange Ave. Colton. CA 92324. An excellent printer code setter for Star Epson Panasonic Okadata. sets Fonts pitches spacing eargin and other commands. Transliter, guides, commands, etc. SSSD (288)
- 2423 TOUCH PRINT Frameware by David R Sagers 214 Grange Ave. Colton, CA 92224,- A printer utilities disk for the 19%, SS-19, NX-89, Okadata, TI-79 printers. gives their conceands for Fonts, Pitches, Spacing, Margins, transliteration, TI-Writer and many more information for useing a printer, SSSD (314)
- 2426 PRINT IT VS.5 Freeware by Rodger Herritt 1949 Evergreen Ave. Fullerton, CA 92655, Create interest letters and reports. Labels small and big, Banners, Scrip writting, Graphics, sany sore and excellent printer

program. 2(5550)538

2427 CHARACTERS Freeware by Rodger Merritt 1949 Evergreen Ave. Fullerton, CA 92635 -CAN BE USED WITH "PRINT IT" over 25% characters and fonts. 2(SSSD)624

2428 <u>DISK LABELS</u> Freeware by Dennis Porpora 99 Boulevard Pequannock, NJ 67449. Prints: 1 or 2 disk catalog side by side. Print disk catalog on Avery labels up to 76 files. Prints a labels for both side of a disk. prints an index card and an address label.)SSSD:284

2429 <u>GRAPHIC LABELER</u> Steve McMatty RR#1 Kinburn,ONT KCA 2HB CANADA. To use Graphic use Dave Rose characters set. Prints 5 rows label with 1st line double emphasied, auto center (SSSD)63

2439 FUNPLUS 4.1 Freeware by Jack Sughrue Box 439 East Douglas, NA 91515 : A disk of templates, documentation, articles, codes, programs, and a great occapanion to FAMLMRITER and DM1999. 2(SSSD)715

2431 TIMP PRINT CORPAND V1.5 Freeware by JMB Mathis 5741 E 26th Tuscon, AZ 85711: This file will allow you to place printer commands into any BLANK cell on your cultiplan spreadsheet. You can turn off or on different commands at any point. Coveres 12 of the proper printers. A sust for anyone useing TI Multiplan (SSSD)176

2432 <u>PLOTTER DEMO</u> 12 Files that demo "PLOTTER" program by Underware. I/B call files(2). II Controller only for Graphics routines. (\$550)262

2433 ENV. AND CATALOG PSM Freeware by Trio+ Software P.O. Box 115 Liscout, Iowa 55148. An excellent disk cataloging program that allows you to make your own disk envelopes with your own comments about the individual programs on that disk. Be sure to READ the "Hardcopy Instructions" before trying to use it. SSSD (134)

2434 <u>ENVELOPE ADDRESS</u> Freeware by Roger Wilson PSC Box 3475 Edward AFB,CA 93524. Addresses envelopes repeats return address and can change location of "TO" for difference size envelopes. SSSD (54)

2435 CATALOS PRINT Freeware by Jia Mekeel 11596 Forest View, Munsion, CH 44824. Will catalog two diska and print the files side by side on the same page in condensed print. SSSO (26)

2436 FILE PRINT Freeware by Jia Mekeel 11596 Forest View Munsion, NH 44624. will read DISPLAY/VARIABLE or DISPLAY/FIXED disk files. User can display text to screen or printer. SSSD (28)

2437 RAPID SCROLL Freeware by Jurgen Switalski 218 Lake St. Northville MI 48167. Two programs working together Rapid Scroll and TI-MRITER. Basic,Extended Basic or Editor Assembler. SSSD (152)

2438 <u>MAIL/CALL</u> Freeware by Sary D. Matts 1739 Burning Tree Drive, Vienna VA 22180. Can sort and print by last name, state, zip code, city or user

defined option and Alphabetize. A SS-50 disk will hold over 560 pages. SSSO (142)

2439 SHARE/WARE Freeware by See each program for designer address - A catalog, manager, labler for the Semini Printer setup. SSSD (192)

2446 SIPER MAIL LIST Freeware by Jurgen Switalski 218 Lake St. Northville, fil 48167. Fast sail in Assesbly Language data base holds up to 199 names, addresses and phone numbers in a single file. Several files can be created. Commapatible with TI-WRITER. Add change sort search delete prints etc. as many of the other Mail List programs. SSSD (196)

2441 <u>FILERCADER</u> Freeware by Martin A.Saciey 5149 Bryson Dr., Mentor OH 44969. Three excellent programs. 1.Filereader will read and print out cost DIS-WAR file. 2. MS-LABEL 3. 132 PRINT. SSSD (159)

2442 <u>ADDRESS & PHORE FILE</u> Freeware by Wait Davies 17718 Orchard Ln. Salinas, CA 93967: Keeps your addresses and phone numbers in a file on a disk. Can sort by Name. search by name, address, city, state, zip, or telephone. Prints labels or envelope (large or small) with both TO & FROM addresses. (SSSD)164.

2443 <u>MRTHSIDE 9Ver</u> Freeware by Joseph E.Bartle Chicago TI User Group. 6 programs. 1. Excellent cassette program finder. 2.Disk jacket caker with file catalog. 3.Disk labeler. 4. Disk Mailer. 5. Envelope maker with addresses. 6. Craphic jacket "LOVE MY II". SSSD (246)

2444 NOTEPAD/CALCULATOR Freeware by Bill Ransom 165 Corbett Ave. San Francisco, CA 94114. A notepad (simple word processor) and a calculator.both on the same disk. SSSD (32)

2445 <u>RMJ MAILING LIST</u> Freeware by Joe Muvolini 2982 Whileaway Cir W., Colorado Springs, CO 86917. A <u>handy</u> program that CAN hold up to 9645 names and addresses: It runs in Extended Basic. SSSD (118)

2446 FLIP-FLAP Freeware by Chris Lang 1986 Jackson Rd. Baltimore, MD 21222: This program prints disk sleeves and displays a disk catalog on front of the envelope. (SSSD) 358

2447 PRINTER CODES By Bill Perreau: Codes for Epson and Epson competible printers. SUPER 5 EN 1291, LOGITECH 5892, AMEST PSS/2, PAMASCHIC 1891/12%1, BMC 89, BROTHER N 1199, NITSUBOSHI MP189: A complete WALL CHART displaying the printers commands. (SSSD)122.

2448 <u>UTILITY 45</u> CHARACTERS SETS by Jay Leber -15 programs I/B- Change the charcaters set II-MRITER. Merge into your own program. (SSSD)146

2449 <u>COLIST</u> Freeware by Tony and Hill McGovern 215 Grinsell St. Katara, NSH 2289 Australia. Extended Basic, 32K, Disk, RS232, Speech, Printer, SCREEN IMAGE PROGRAM LISTER, Prints 1 to 4 column automatic. Elabrate program to set printer. (SSSD)183

COPY-CAT-MANAGE-TERM-LOAD-MENU-BBS

 $\frac{2661}{45214}$ - This is an excellent two pass copier for those with only one disk drive. (SSSD)12

2492 <u>DYDDEM</u> by Paul Chariton - (use E/A or M/M) A terminal program for sending XMDDEM protocol. Can be used with TE3X or other TE programs. Knows all of the ADMCA controls codes and escape sequences. (SSSD)193

2663 MASSCOPY Freeware by Steve Lawless 2514 Maple Ave.. Kilainston, Deleware 19888. This is a beautiful disk copier. You can use two drives at once for rapidity. SSSD (167)

2684 DM1888 348 Freeware by Ottawa 99/4 U.G. P.O. BOX 2144 Station D, Ottawa, DMT, KIPSMS. Up date version 348. OK for TI, CorComp, Myrac, Geneve

controller. To use with replace MGR1 and MCP2. (SSSE)373

2605 <u>DM19993/3</u> Freeware by Source Code available from the Ottawa TIUS on 1 DSSD or 2 SSSD diskettes. Source Code for DM199903/3 can be obtained from the Ottawa User Group. DSSD (582)

2666 FASTIERA Freeware by Paul Charlton 1110 Pinehurst Court, Charlottesville, VA 22901 is another excellent Teroinal Egulator, some say "it's the best one available anywhere". DSSD (662)

2696C FAST-TERM DIALER IMACROS V2.9 Freeware by Brad Cook 6845 Rivertown Road Fairburn, 6A 39213: Modified version of Fast-Term. Autodial upto 29 numbers, has Macros and Logon files. Norks with Funnelwriter. Load E/A 45 DSK1.FAST1. S5SD(159)

2497 THE DIRECTER Freeware by Ron Rutledge 1929 3rd St., Maukee, IA 59363. An Extended Basic program database that allows cataloging disk-based programs. SSSD (131)

2698 PRBASE Y2.0 Freeware by William Warren 2373 Ironton St., Autora, CD., 89819. An Assembly language database program with full screen editing and fast sorts. Design your own data screens. 2(SSSD)705

2659 <u>DIST CATALOS</u> Freeware by Larry Duke & Scott Beeker 4784 Falo Duro NE.Albuquerque, NM 87191. Another Disk Catalog X/B, add, delete, print, display, purge, disk information. SSSD (68)

2518 TE-2 ENCOYER Freeware by Ken Gilliland 543 Riverdale #15 Glendale, CA 81294. Made for Bulletin Board Operators who want to provide Grapgic, Speech and Color to their TE-2 Cartridge. SSSD (178)

2611 <u>DISK MANAGER 99</u> Freeware by Mike Dodd 116 Richards Drive, OliverSprings TN 37848. Another disk manager. Extended Rasic,Console Basic with Editor/Assembler or the Mini-Mesory. Protect or unprotect, rename files or disk test and catalog a disk to screen or printer. SSSD (271)

2612 MASS TRANSFER 4.3 Freeware by Stuart Olson 6625 M. Coolidse St. Phoenix, AZ. 65933.An assembly language Terminal Emulator, menu drive, I & Y Modes capable of cultiple transfers all at once. Auto dial, Upload and down load sultiple RAM disks. Many features the best Terminal Emulator in town. 2(5550)(497)

2513 SUPERCART DISK Freeware by David Roser 213 Earl St. Walbridge, CH 43465. 2 programs, E/A loader and DIS/FIX 8# loader. A super catridege module loader. Also call HIMEBREN MIDNALE SUPENMRE (SSSD)33#

2614 <u>DIRECTOR '99'</u> Freeware by Robert Neal P.O. Box 216R, Roseoville IL 66441. Excellent disk cataloging program. Allows you to enter description for each disk and file. Can hold SEG-799 files per se/sd disk. SSED (148)

2515 MASTER CATALOG Freeware by Mack McCorolick HHC, Irst Inf. Div. APO NY 99137. This is called the best Assembly language disk catalog around. It's super fast and will handle agre disks than you have. Scaething in the neighborhood of 2000 programs. SSSD (53)

2414 DISK MANAGER Freeware by Todd Kaplan 5892 N. Mestern, Apt. 435, Chicago, N. 56539. Assemble Language an another disk manager. Copy, delete, change, protection file or disk. As good as TI, Corcomp or DN1699. SSSD (75)

2617 <u>SLFER DISK DUPLICATOR</u> Freeware by Tom Knight 7256 Bunion Drive, Jacksonville, FL 32222. You can start and stop from any sector number on your disk. There are claims that it will copy ANY disk runnable on the

99/4A*. SSSD (44)

2618 MENULLOADER Freeware by Jergen Switalski 218 Lake st. Northville, MI 48167. Create catalog menu useing editor/assembly #3 or #5. can select by useing joystick or keyboard. SSSD (70)

2619 <u>DISK FILE CATALOGER</u> Freeware by Jiz Williams 5217 122 PL. SE. Bellevue, WA 67115. Program is designed to eliminate the tedious tast of updating disk labels, find what file is on what disks and help find duplicated files, 125 disks 525 files. SSSD (99)

2626 TESC DIALER Freeware by Joe Freeman Engineering Dept. of University of Florida is so superior to TI's TERMINAL ENLLATOR 2 that there is no comparison. It permits downloading of 20 times as such info from bulletin boards and instantaneously: It'll sure save you phone time on the big boards like COMPUSERVE and THE SOURCE. SSSD (79)

2621 <u>TECHIE</u> Freeware by Monty Schmidt 525 Wingra St. Madison, WI 53715 .A BBS program, with modes setup, board access downloading and other files. SSSD (353)

2622 COMBINE Freeware by Nick Lacovelli 1411 N 36TH Melrose Park, IL 68169 Takes cultiple files and combines them to one file, save space on back up disks, also will uncombine. Will not work with Myark Controller. SSSD (37)

2623 MY TERM Freeware by Tim Mac Eachern P.O.Box 1195 Dartmouth, MS 824-488, Candana, Scart modem useing E/A, auto dial from phone list. SSSO 7007

2624 <u>CAT LIBRARY</u> Freeware by Markin Knoll Jr. 218 Kaplan Ave. Pittsburgh, PA 15227, will catalog your library disks, add, delete, search, list, print, sort, 9880 (136).

2625 CATIUS (1.9) Freeware by Marty Knoll Jr. 218 Kaplan Ave. Pittsburgh, PA 15227 By useing GRAM catalogs up to 352 disks 2386 files, serge, search, add, delete, print screen or printer 1, 2, or 3 columns plus cany sore items. (SSSD)159

2626 <u>RE-DISK-II</u> Freeware by John Schroeder 2856 n Holton St. Milwaukee, NI 53212 Extended Basic - Will copy any disk SSSD, SSDD, DSSD, DSDD, useing Corcomp Controllor \$19 (SSSD)6?

2627 BACKUP VI.1 Freeware by Michael Ballmann 271 NH 43th St. Apt \$3 Gakland Part, FL 33389 - Editor/Assemble (load and run)enter, TI-Controller only, Will Backup most disks on market. Gives Track \$, side \$, Sector \$, Size of sector, Error code on read and write, Doc on disk. (SSSD)62

2628 ARCHIVER \$2 V2.3 Freeware by Barry Boone P.O. BOX 1233 Sand Spring, OK 74963. Updated version Pack & unpack files, with ARC-Files added Compatible with 2648 ARCHIVER \$1, and seems to be a little faster. E/A \$5 LOADER is the Loader. (SSSD)34

2629 SUPERDIAL Freeware by Roger Davis 11410 Grovedale Mittier, CA 98604 Use with Fast-Term (on disk). 3 functions 1. PC PURSUIT DIALER. 2. LOCAL DIALING. 3 VOICE DIALING and BBS connection. (SSSD)310

2630 PRO 99 BBS Mark Hoogendoorn 21 Long St. Burlington, MA #1883. Improved by Roger Davis. This is a TI BBS with true TE2 transfer capabilities. Instruction on setting up and running 99 BBS system. (SSSD) 342.

2631 MXT BBS Freeware by Stu Olson and Gary Owen : An Assembly Language program, loads with X/B. This bulletin board will run on one DSSD disk but

would greatly limited the hoard up and down loading. Has complete remote system operation and allows multi transfer without an attendence. An excellent EBS when two disks drives are used. 2(DSSD)971

2632 P TERM 99 Freeware by Richard Bryant 417 East Alpine St. Altamonte Spring, FL 32791-7891 359/1289 MODEM PROSRAM, X/B, E/A, Printer up and down loader, complete file transfer, and others. (SSSD)141

2633 TRACKER Freeware by Will McGovern 215 Grinsell St. Kotara, MSW 2299 Australia : Track copier for MYARC Disk Controller. Track 5550 disk only. Use E/A Run Program File. (SSSD)31

2634 <u>CATALOG</u> Freeware by Rasoft System 25885 Trabuco Road El Toro, CA 92639. This is an excellent cataloging program that lists all your disks and files in alphabetical order. Loads from option 43 of the E/A Module. (SSSD)114

2635 FLIP-FLAP Freeware by Chris Lang 1996 Jackson Rd. Baltimore, MD 21222: This program prints disk sleeves and displays a disk catalog on front of the envelope. (SSSD) 339

2636 (HE USABLE DISK CATALOGUER V2. 8 Freeware by Weatern New York User Group, 2753 Main St. Newfane, NY 14188: A data base disks cataloger sorting out such file names as LOAD, A, FILE52 etc. programs can be sorted alphabetically by your ker word (Rames, Music, etc.), file name, or disks name. Number of sectors, kind of program access (D/V,1/F,FRM ETC.), access (E/A,X/B,TIM,etc.), and COTTENTS (your own words). (SSSD)139

2637 THE MORKS Freeware by Howard Usan 3913 Sybil Rd. Randallstown, MD 21133: A Unitily disk of 8 popular programs II-WRITER, DM-1939, FAST TERM, EDITOR ASSEMBLY, LABEL MAKER, DISK CATALOG, ARCHIVER, X-LATE. Simular to FURLWRITER 2(SSSD) 653

2638 SUPER SAVE Freeware by Erik Olson 6365 Rabbit Ears Circle, Colorado Springs, CO 86919-2125: Program is used to make program files from assembly object code. Do not need the source code to save no changes are needed to the source code program. Use E/A cartridge's load & run. Disk also includes some good freebie games (SSSD)360

2639 HERIZON RAMDISK By Steve Hehr - An extended Basic utility loader for use with CALL MENU operation system written by John A. Johnson. (SSSD)40

2649 CMEEA TE By Travis Watford. The newest in Terminal Egulator that includes on-line RLE viewing, printing, and down loading to disks. programable keys, one-time set up and other features. (X-B) load E/A.

(SSSD) 129

2641 LOAD/4U: By Steve Mehr. A Extended Basic customize LOAD program that read a disk catalog WRITE the LOAD program for you. You gotta see it to believe it. Use Steve Mehr Extended Basic program loader along with LOADMAKER and MERUBUILDER. (SSSD)42

2642 COPY/2 Freeware by Michael Ballcan 271 Mt. 4370 St. Apartment #3 Bakland Park, FL 33389. A copy disk that uses track copying with either Corcosp or TI Disk Controller Card. The disk also includes an Assembly prompram that dumps the ROM from a Module to a disk. (SSSD)184

2643 <u>DISK MAYAGER IN FRENCH</u> freeware by Guy Boudreault 305 24th ST. Quebec, Canada Gil. 1M4 : Simular to DM 1608 but written in FRENCH. (SSSD) 112

2644 QUICKLOAD Freeware by Robert Amenta 14 Greene Rd. Hillcrest, NY 18977: Enable the quick loading of any program on the Disk along with comments. Can copy any file or all files quickly. (SSSD) 28

2645 FUNLBRITER V4.9 NOV.87 Issue. Freeware by Tony & Will McGovern 215 drinsell 31. Kotara, NSW 2288 Australia. This Version Greatly improves TI-WRITER, EDITOR ASSEMBLY, DISK MANGER 1868 (3.5) & UTILITI. all interconected with each other. Must read DOCS to get the complete infomation. 1(05SD)698

2646 LOAD/AL Freeware by Barry Boome P.O.Bax 1233 Sand Spring, OK 74963 .Select,Load & Run Assembly Language programs (auto) by useing Joystick or by numbers. SSSD (14)

2647 TEXT LOADER Freeware by Curtis Allen Provance, Paragon Computing, 17 Constance ST. Merrimack, NH 63654: An excellent Assembly Language program that converts text files (like TI Writer) to programs (like Extended Basic), merge and EA/5 Loader included. (SSSD) 366

2648 ARCHIVER Freeware by Barry Traver 835 Green Valley Drive, Philadelphia, CA 19128- stores and restores any comminations of files, that is it will take all the files in a program (such as Funwriter) and put them all under one file, and (CM1699) under another file all on one disk Many programs can therefore be put on one disk without mixing their files, SSSD (33)

2849 PRM/MODEM Freeware by Ron Baker 1228 Timbercrest Dr. Youngtown, DH 44595: Pack or unpack files of PR-BASE records for X-Modem transfer. SSSD(46).

TEST-BUG-AID-ASSEMBLE-PROGRAM-MENU

2891 ADVANCE DE BUGGER A Assembler Debugger by Rich Boehmler. A sophisticated and power debug`tool. Explanes Navorne SUPPER-BUGGER and II-DEPURGERER. (SSSD) 283

2892 TEXT TO SPEECH Use Speech Synthesizer, Mesory Expansion, Extended Basic. Allows the II-99/4A to speech almost any English word, will work with the II-Terminal Emulator. Great to make your own words, Phases and Sound effects. Instruction on paper \$1.59 extra.(SSSD)186

2893 II 99/4A SYSTEM TEST A disk and instruction for testing the 99/4A. Diagnotic, Keyboard, Speech, Joystick, Peripheral, Pascal, Memory Expansion, RSZ32, Cassette, Printer, and trouble shooting tips. Instruction on paper \$2.99 extra. (SSSD) 322

2364 SAMS COMPUTENFACTS For viewing only at club exeting not for sale Copied Mritted inforsation. All paper no disk.

2585 97/4A SPECIFICATION For viewing only at club meeting. Not for sale copied writted information. All paper no disk

2866 SCREEN PAGER Allows the viewing of listing from programs that are not currently in the aemory. Great for calling up repeatedy screen setup, such as in many games. (SSSD)47

2887 DISCO X/8 Gives a short description of the most important sector on the disk sector >0 and it's Disk bit map. A must to work with any good Disk Fixer. DISCOU is used when copying modules to XB. (SSSD) 57

- 2628 <u>DISK + AID</u> Version I (Edject code) By N & T Utilityware A single Sectioning utility with over 28 menu driven operations for the II-994A. X/B, E/A, M/M. Paper Manual included (over 50 pages) \$4.29 extra. (SSSD):83
- 2899 $\underline{OISK+AID}$ Version 2 (Source Code) By M ½ T Utilityware. The source code for the DISK + AID Program. (SSSD) 334
- 2810 NETORY MANIFULATOR By N & T Utilityware. A utility program to scan, search, compare, move and print any memory in the TI-99/4A. Documented Source code included on disk, 27 page paper manual also \$3.90 extra. (SSSD) 358
- 2811 NAVORCHE DBM Navorone Data Base Manager Manual Update. Not the Nobule or disk bue the Manual (SSSD) 98
- 2812 COUNT Freeware by Jis Jagielski Route 2,box 626 Sanbornville,84 \$3872 Counts the number of words in a file. EA/COUNT1 A/L in uncompressed form. EA/COUNT2 A/L in compress form. MORD/CT/1 & 2 X/B version. MORD/CT/NT call load version. (SSSD) 154
- 2813 <u>MEATLIST</u> Freeware by Danny Michaels Route 9 Box 460 Florence, AL 25630- lists culti-statement lines to your printer OR disk and references your program variables to simplify reading. SSSD (364)
- 2814 SIFEREUG II Freeware by Edgar L. Bohaann Route 5, Box 94, Alvin, TX 77511. An excellent enhancement of II's Superbug, and it includes change-of-cutput device from your screen; color toggles, added commands, and much more. SSSD (363)
- 2815 <u>DISASSEMBLER</u> Freeware by Marty Kroll 218 Kaplan Ave., Pittsburg, PA 15227. <u>Disassemble</u> in either ameaonic instruction, text or data format. Dut to screen, printer, or disk. SSSD (233)
- 2816 COMPACTOR Freeware by Monty Schmidt 121 N. 91air, Mindison, WI 53793
 Takes an uncompressed Dis/Fix 80 assembly language program and compress it to 2/3 disk space, and will do all sorts of things to your Display/Fixed 80 assembly language programs, as well as conserves disk space. SSSD (18)
- 2817 (MCOMPACTOR Freeware by Monty Schmidt See above. The opposite of Compactor, SSSD (18)
- 2818 <u>DISK HELFER</u> Freeware by Jim Mekeel 115% Forest View, Dunson, CH 44924. A utility disk with disk manager, CATALOG PRINTER and DISK FIX/VAR READER. SSSD (265)
- 2819 TI/SCRT Freeware by David R.Romer 213 Earl St. Walbridge, UH 43465 Manipulation of Dis/Var 80 files. Single or BI-level ascendind ASCII Quicksort or Shellourt routine. SSED (339)
- 2823 <u>UNIVERSAL DISASSEMBLER</u> Freeware by Rene'LeBlanc 8719 E. San Lucas Dr., Scottsdale AZ 85258. SSSD (368)
- 2821 ASSEMBLY UTILITIES Freeware by Silver Wolf Software P.D Box 4242, Santa Rosa CA 95402. A powerful XB_UTILITY in assembly language. Lower case, ASCI 1 ASEZ. SSED (119)
- 1822 SEAKS Freeware by Paolo Bagnaresi Via J.F. Kennedy 17 20097 San Donato Milanese, (taly—or LaVerne Searcy....11747 Jamacha Blvd., \$175, Spring Valley, CA 92077. This is not really FREEWARE, but doggone close to it. This is the Editor/Assembler on disk! I can't find anything by E/A cartridge can do that this one can't. And this one works excellently with Paolo's version of BA/MRITER described in item 2195. SSSD (346)

- 2823 <u>N/DISASK</u> Freeware by Fred Hawkins 1025 North 5th St. Allentown, PA 18102. For those that send him a few bucks, you receive excellent documentation to go with his program on disk. Use sector copy will not catalog. SSSD (????)
- 2824 MICRO ASSERBLER Freeware by R.A.GREEN 1932 Chantenay Dr. Gloucester, Ont. Canada KNLIXY. Revised, Compatible with TL. Improvements. A macro facility, listing format, diagnostic, cross reference, run independent of module. DSSD (682)
- 2825 STAR Freeware by Michael Riccio Coe-Link Enterprises 953 Filloore St. Phila, PA 19124 A super assembly language program in X/Basic. You can move lines, change line numbers, create Assembly subprograms, many sore items for the programmer to use to produce a better program. (SSSD) 359
- 2876 MENU From M.U.G. 19301 NS 19th Ave. North Misci Beach, FL 33179. A program for the Horizon Raw Disk 256K-1924K where Batch MERUing system is 1859d. (SSSD)304
- 2827 II KEYS V3.0 Freeware by Wes Johnson 464 Furman Lane Ladson, SC 29466 Define 36 keys so that when typed as control keys, they will display up to 31 characters of text or code. Has preset commands if needed. \$10 (SSSE) 146
- 2823 X/8 HELPER Freeware by Ken Houle 27721 W Wakefield Rd. Saugus, CA 91333 Short program to help you when you are in Extended Basic, Program is not yet complete. (SSSD) 62
- 2829 <u>ENHANCED DISPLAY PACKAGE</u> (V2.1) Curtis Alan Provance 17 Constance St. Marrimack, NH 63654 % Paragon Computing %/8 The purpose of this package was to rewrite the various screen compands so that they could be used in either GRAPH (32 column) or TEXT (46 column), or COMMAND mode. (SSSD)351
- 2838 ARCHIVER #2 Freeware by Barry Bonne P.O. BOX 1233 Sand Spring, OK 74963. Compatible with 4184 ARCHIVER #1, and seems to be a little faster. ARCLOAD is the loader. (SSSD)38
- 2831 LIMMER Freeware by R.A.Sreen. 1932 Chantenay Drive Bloucester, Ont. Canada KIC 2K9. A tool for building assembler language memory image programs from tagged object. It makes this process simple and straight forward. (6680) 233
- 2832 DISK MACKER Freeware by Will McGovern 215 Grinsell St. Kotara, NSW 2289 AUSTRALIA -TI Controller only- A powerful disk utility to examine the actual format of each track of a disk. Single or double sided. Olso has cassete and A/E program loader. (SSSD)217
- 2833 X/B TOOLS Freeware by Jim Swedlow 7791 Kirby Way Stanton, CA 79688: The XB/Tools programs take a program that has been saved on disk in serge forsat and either extract information or modify it. REFERENCE, COMPRESS, NAMECHANGE, LINEMOVE, DATAPRESS, PRINTER, ASKART, INSTALL LOAD. (SSSD) 333
- 2834 <u>ALIGN</u> By Robert Jases Ennis, TX This program enables one to step a TI or CorCosp Disk Controller track by track. The purpose is to enable one to use an Alignment Diskette to align the heads. It can also be used to keep the diskette revoling so that a Disk-Type head cleaner can be used. (SSSD)59
- 2836 MYCOVE-PRO Freeware by Barry Coder 2 Eleveland Cressant Dartzouth Nov Scotia Canada, 53a-216. A three part disk. 1. a drawing program in Forth (opt 5) using Joystick. 2.A game in Forth STAR use Joystick. 3. Instruction on how to get more screens on your disk using TI-FORTH.

(\$550)342

2836 MENU MAKER From Mickey Schmitt P.U.S. A program where you can generate your can menu with a one line discription and auto load from an existion disk. (SSSD)129

2837 DSKU/4.9 Freeware by John Birdwell 7052 Springhill Circle Eden

BUSINESS

3451 BUSINESS \$1 25 BUSINESS type programs from Anthon Financial Math, Fractorial Integer, Receipt express, Derivative of Function, Linear Resession. Number Conversion, Addresses, Deckboob, Estate, Stock Record, Sandwich Shop, Stock Trend and Reports, Thermal Printer Test, Ham File, P.E.R.T., C.P.M., Auto Expense, Handicafper, Word Processing, Most Anything You want to know Reserbin 6 Loans, Conversions, Check Sort, Suri, Americation Schedule, Amerities, Convention Loan Analysis, House Inventory (SSSD) 356

3002 BUSINESS #2 23 PURINESS TYPE PROBRAMS FROM AMNION - DEPRECIATION.
HOUSE COST, INSTALLMENT PAYMENTS, STECK TRANSACTIONS, CHECKBOOK BALANCE,
LOG, RECORDS, CHISQARE, INTEREST PROJECTOR, 1949 FORM, ALPHA MUMERIC,
CHRISTMAS LIST, COMPARE, COMPARE PRINTER, DECISIONS, DEDUCTIONS, DIRECTORY,
INCOME AVEING, DAVESTMENT VALUE, INVEST, MEDICAL EXPENSE, PULMORARY TEST,
HOME BUDGETING, FIZZY DECISION MAKING. (SSSD) 345

3093 BUSINESS 13 22 Business programs from AMMION -LIFE EXPECTANTY, SIMILTAMEDIS EQUATIONS, FINANCIAL PLANNINS HELPS, FLIGHT PLAN, MASTER INDEX, PAY, THE CHRICH TREASURE, RECERD FILE, TREND LINE ANALYSIS, PRINT RIGHT, INTEREST PROJECTOR, REFRESSION, LOAN TREND ANALYSIS, EPPLOYEE PAY CHECK, STATEMENT ANALYSIS, OPERATIONAL COST, COSTING, FINANCIAL RATIO, INVESTMENT CALCULATOR, GENERAL INVENTORY, BREAK EVEN, COLUMNAR PAD. (SSSD) 332

3894 BUSINESS #4 17 Pusiness programs from AFMICH -BARGRAPHER II, STOCK COPHISSION, THE INVESTOR, THE BILLER, BID PROJECTOR, COST EFFECTOR, RAFFLE FICKET PRINTER, INTEREST/DEPRECIATION SCHEDULE, INVESTMENT COUNSELOR, THE TACHAN, ITEMITED DEDUCTION MORKSHEET, FINANCIAL MORKSHEET, PERSONAL BARKER, PAYROLL CLERK, FINANCIAL MEALTH, ACCOUNTS FILE, AUTHORITY FOR EXPENDITURE. (SSSD) 353

385 RISINESS 65 14 Business type programs from AMNION -LIFE CYCLE COSTS, PAYROLL RECORDER, CATALOG, WORKSHEET, EXPENSE JOURNAL, SLASS ESTIMATOR, MINI INFO-STATS, RAR GRAPHER, LIGHTING FACTORS, AUTO GRAPHS, PORTFOLIO ANALYSIS, THE LAST HOUR, STOCK LISTER, COMPOUND INTEREST WORKSHEET. (SSSD) 329

30% BUSINESS 16 18 Business type programs from Africa Hord Processor, Test Scire Analyzer, Loan Calculator, Stock Prices Moving Amerages, Cash Assets, Time Payment Comparator, Pressure Walle Design, Estimated Tax Analysis, Text Editor, Grade Point Amerager, Loan Package, The Farmer, Plot and Save, Crop Master, Business Forelasting, Check Ledger, Cost Calc, Benstone Appraisal, Inventory Control. (SSSD) 356

3907 BUSINESS \$7 15 Business type programs from ANNION
-LAN CASE RETRIEVAL, PAYROLL PERSONNEL, FEEDER PIG ANALYSIS, TIMY PLANT,
NITROGEN MEEDS, P.E.R.T.II, LE BON MOT, ILLUMINATION FACTORS,
TRAVEL EXPENSES, LAND SCORINS, MEAVING CALCULATOR, SHUDENT SCORING SYSTEM,

Prarie, Pt4 30344 An update of SISK UTILITIES 2149. An excellant Disk Utilities program that has FILE UTILITIES, DISK MANAGER, DISK UTILITIES, SECTOR SYSTEM SET UP. (SSSD)197

2838 MEGA MENU Program to be used with SUPER SPACE II OR SUPER CART. PROGRAMS gives 3 pages of MENU of 9 items each. (SSSD) 42

MESSAGE GRAPHS, BONDS, (SSSD)341

3498 <u>BUSINESS 48</u> 8 Business type programs from AYMICH -BAR GRAPH II, LEARNING CLRVE, FOREIGN CURRENCY EXCHANGE, SALES WAYLYSIS PROGRAM, STATECOACH PROBLEM, STOCK MARKET, FINANCE. (SSSD) 348

3997 BUSINESS 69 17 Business type programs from the LA99 Library-ANNUTITIES, AUTO EXPENSE, INCOME AVERAGING, FINANCIAL MATH, CHECKBOOK 81, CHECKBOOK SCRT, DOC'S BILLING, RECEIPT EXPENSE \$1, EXPENSE REPORT, 4RVEST, LOAD ANALYSIS, PAY CHART \$1, PAY CHART \$2, STATEMENT, STOCK RECORD PRK, STOCKS \$1.(SSSD)351

3818 BUSINESS \$15 15 Business type programs from the LAPP Library-ACCOUNTS RECEIVERABLE, AMORTIZATION, PERSONAL BANKER, FINANCIAL PLAN, CHECKBOOK \$2, CHECKBOOK RECONCILE, DEPRETATION, ESTATE, INTEREST PROJECT, IFA CEPARISION, LOANS, P.E.R.T, PORTFOLIO, STOCKS RELORDS. (SSSD) 285

3011 FAST-TRAN Freeware by BILL HARMS 6527 Hayes Court Chino, CA 91710 - A fast checkbook spreadsheet routine for 12 conths. Also good for budgeting and income tax. A utility for many related jobs. DSSD (663)

3012 <u>CHECKBOOK AND BUDGET MANGER</u> freeware by John Taylor 2179 Estatine Dr. Florence, AL 35539 An extreeally effective program for both checkbook and budget saintenance. Analyze your spending habits. (SSSD) 357

3013 <u>EE BOHDMASTER</u> Freeware by Realestate Projection, 469 Elberon Ave. Suite 42 San Pedro, CA 90731- Updated 3/1/87 Keep track of up to 160 EE BORDS. Calculates and prints interest years and tax info. (SSSD)137

3914 TAX 1986 Freeware by James Sleeth P.O.Box 20723 El Cajon, CA 92921-Uses Multiplen to print 1986 Federal and State income on Federal and State fors. 2(SSSD) 681.

3915 REDURD PLIS Freeware by Steve Risner 1351 Sierra Alta Dr. Tustin, XA 92688-A data base X/B program which allows custom printing, lists, labels, sorting, full screen editing and many sore features. Let your "imagination" be your guide. (SSSD)368.

3816 INVOICE Freeware by David Belanger 1345 Akard Drive Reno, NV 89583-4 1/B program which keeps an invoice of charges and credits with balance. Program will print and save to disk spreadsheet type results. (SSSD)133

3017 <u>EASY BILL PAYING</u> Freeware by Rodney Wirtz 337 Loma Ave. Long Beach, CA 99814. An excellent program that makes bill paying an easy chore, almost enjoyable, for it does all the necessary bookkeeping work for you. It keeps track of all your outstanding checks, lists your income, lists your month-end bills, helps you budget and helps you save for periodic large bills and much core. (SSSD)353

MISCELLANEOUS

- 4501 H.C.M. VOL.4 NO.1 APOILO (logo), FIDDLE (basic), MSLTDOWAL (x/b), NUSIC ASSEMBLER (basic), NUSIC (AGDIC (x/b), SLOTS (basic), TOMER OF HANOI (basic), FLAK ATTACK (basic) (SSSD) 237
- 4502 H.C.M. VOL.4 MO.2 FROED (logo), CAMBRAL (basic), THE NOWE SECRETARY (basic), LOCUTILES (logo), SEA OF STATES (x/b), TABLUT (x/b) (SSSD)162
- 4503 H.C.M. VOL.4 NO.3 ELEMENTARY ADDITION & SUBTRATION (basic or x/b), PARS & PLOTS (basic), SYAP CALC (x/b), CYBER CIPHER (basic), WILD KINSDOM (x/b), HISSLE MATH (basic or x/b), FLAKES (logo)
- 4594 H.C.H. VOL.4 NO.4 BOOLEAN BRAIN (x/b), TAX DEDUCTION FILLER (x/b), MARKET MARKET MARKES (x/b), STADIUM JUMPINS (basic or x/b), SPREADSHEET (logo procedures), MISSICHARY IMPOSSIBLE (logo procedures) (SSSD)199
- 4565 H.E.H. VII. 4 MJ.5 BIRDBRAIN (x/b), DIVISION TUTTER (x/b), PERSONAL LCAN CALCULATOR (x/b), JUMPING AHEAD WITH GAME PROGRAMMING (basic or x/b), QUIT CONSTRUCTION SET (basic or x/b), QUIZ SERMANZ (b or x/b), QUIZ TRIVIA (b or x/b), QUIZ VOCAB2 (b or x/b), SLITHER (b or x/b), SNAP-CALC UPDATE sergeable file (x/b), CLONES (logo procedues), PERSONAL LOAN CACULATOR (b or x/b), SNAP-CALC CATA FILE (x/b), SNAP-CALC LCGIC FILE (x/b) 2(SSSD) 469
- 4536 H.C.M. VOL.5 NO.1 CRBITAL REFERDER (b or x/b), ELECTRONIC SACKGAMON (x/b), KORS-ELF (x/b), PERSONAL LOSM CALCULATOR (b or x/b), ORGANIZER file manager, aain senu, outline editor, duray report (b or x/b), CUIZ-PRINT (b or x/b), RAIZLE DAZZLE (b or x/b), SAILING (logo all), (SSSD)342
- 4577 H.C.H. VOL.5 NO.2 EVACU-FOD (x/b), IT FISHREST! (x/b), LASERITHMETIC (b or x/b), RAZZLE DAZZLE (b or x/b), THE ORGANIZER REPORTS (x/b), SHITCH (N' SPELL (b or x/b), *GKGANIZER FILE EXAMPLE (razdon access file), *OUTLINE EDITOR UPDATE (x/b), TAX DEDUCTION FILER UPDATE (x/b), *SEA OF STATES UPDATES (x/b), (SSSD) 223
- 4578 H.C.M. VOL.5 NO.3 BUDSETRON (b or x/b), TI TECH NOTE (x/b), GEOMETRIX (b or x/b), RAZZLE DAZZLE horizon (x/b), OVER-REACT (b or x/b), TORPEDO ALLEY (x/b), ACHILLES AND THE TURTLE (1090), #EVACU-FOD GEOATE (x/b), #FERSONAL LOAN CALCULATOR CALCULATOR UPDATE (x/b) (\$550) 209
- 4569 H.C.H. VOL.5 NO.4 ARCHEDOROLD (b or x/b). RAZZLE DAZZLE composer (x/b), MINE OVER MATTER (x/b), RUN-DAY-VIEW (b or x/b), TRIG-TRIX (b or x/b) (SSSD) 163
- 4519 H.C.M. YOL.5 NJ.5 RAZZLE DAZZLE cyber-abacus (x/b), RUEDUT (x/b), CARD-TRIX (x/b), TI TECH MOTE error recovery (x/b), NANO PROCESSOR (b or x/b), ORE-LINER (x/b), PLAINS OF SALISBURY (b or x/b), TEN-LINER (b or x/b), VITAL SIERS (b or x/b) (SSSD)179
- 4511 H.C.M. VOL.5 MO.6 RAZZLE DAZZLE II ventriloquist (b or x/b), CELL NATES (x/b), NAMO EDITOR (b or x/b), ONE-LINER (x/b), SELF CITY (ZB OR X/8), II CARD SEFFLER (x/b), TEN-LINER (b or x/b) (SSSD)171
- 4512 HISC #1 From Brea Users Group. 16 miscellanous programs: JOURNAL, SORT, MATH, BAR/GRAPH, DIS/VAR BU TO X/B, CANNON/SCHG, FURNY/GASE, ISANSTR, JUNGLE/JIM SAME, LOAN AMORTIZATION, PIE/SQUAD GAME, LOGO GRAPHIC, SENTENCE, STIMS SONG, STOCK INFO. (SSSD#355
- 4513 MISC #2 25 Miscellaneous & Utilities programs from Amnion: 2X2#EX (interprets hex string), CALENDAR (find date & prints), CONVERSION (temp, factor, log, coordinates, roots, pressure, etc.), CURNENCY (convert one type

- to another), DECOMPRESSION (for scuba drivers), DISCINDEX (data statecents), ELECTION (predict outcoss), GRAPHICCAT (display graph of file useage), HEXDRP (dump selective hex), HOROSCOPE (astrologer 's helper), I-CHING (give seaming), DISCINDEX (keep track of activities), MAIL/PREP (for Source dump), MORSECODE (creates code per key), MOTION (cove graphics), GROIT (Polar), ROCKET (model design), STOKER (test), STRITER (define character), TAPE/FILE (indexes), TEIILOSCN (update old file), TITLE (create color titles), WEATHER (draws sodel) (SSSD) 357
- 4514 MISC #3 Z3 Miscellaneous and Utilities program from Amnion: APHORISTS (catchy saying), BARNER (print your own), BASIC I,II,III (teach yourself), BAUDOT (teletype tape), CONVERTION (matric, temp, volume, area, etc.), CROSS/REF (tables of variables, lines), CRYPTGRAPH (encode & decode), ENGRA (encrypting & decrypting), FOG/INDEX (lettering writing), INCOLOT (Robrachach test), IRA (tax saving), LINEDITOR (deletes sections of program), MILAGE (maintain car statistics), PEEPER (see contents of masory), PRIORTIES (decisions helper), REM/OUT (remove all REM), SORTED (bubble & shell), YR/RECORD (appointments) (SSED) 355
- 4515 MISC #4 15 Miscellaneous and Utilities program from Achion :CAT/SCRT (bubble, shell, gap, breakdown), COMPON (stores coupons), CREDITCASD (maintain record), DOTBAR (tv alignment), EMCRYPT (encode & decode), KRYPTO (a codeing program), LIFE (expectancy graph), METRIC (converts), POET (poetry), PRINT/TEST (Epson or II printer test), PSY/TEST (your personal psychiatrist), RS232 (printer tutorisl), SCREENDUMP (screen display dump slow), SEARCH (for variable), SCRTING (mases), STATS (keep records in order), UTILITY (sorter, carpet est., depreciation, corage, pricing, etc.) (SSSD) 355
- 4516 MISC #5 16 Miscellanceous & Utilities program from Ammion: COLOR/TV (test color TV), DISASSEMER (9999 Assembly Language), FREDCHIM (counts distribution of letters etc.), MINI-MEM (stores data inti mini semerity), MINI/DATA (create mini data base), MINISAVER (dump mini semery to disk a & vise-versa), PHOTO (photographer's helper), FOINTS (footbail point spread calculator), SCEL (8192 tutorial & deep ticker tape stylel, SCRT# (demp & tutorial on bubble sorting 81939), SPEECH (synthesizer vocabulary), SCHARE (square dance timing), VIDED/TAPE (maintain records), MEATHER (gives graphic temperature), MEIGHT (maintain ideal weight) (SSSD)357
- 4517 MISC 86 LA MEW LETTER Programs that are in the LAPPers Nawletters canual (The best of other users group programs) are also put on this disk saving you the trouble of typing them in yourself. (SSSD)122
- 4518 MISC #7 An excellent disk cataloguer by Stephen Shaw To be called from your XB program with CALL LINK. A seasory image file, several character program. Also a X/B disk copier and sore. (SSSD) 254
- 4519 MISC NO Jays-Programs self load in 1/8, speech, TE II, IZk, Printer, and Disk. CATALOGER, CALCULATOR, ENVELOPE, PHUSE NUMBERS, SALES-3.1PS, CLOCK, WORD SEARCH, TIMER, SAY, BALANCE, ETC. (SSSD) 215
- 4529 MISC 19 X/B or E/A 12 Utilities programs, OM/SLASH, CHANGE TO SECTOR 9, DISASSEMBLER, DISK FIXER, 60SUB/N, LABEL 99, LOAD SECTOR COPY, RAW INFO, RESTORE/N, SCREEN DUMP, CATALOG, VDP. (SSSD) 338
- 4521 MISC tid 8 files from 8rea Users Group- CDMV/TABLE (Basic,x/b) converts hex, binary, decisal. DISASSEM (Opt 3 E/A START). DISK/CDPY (Opt 3 E/A). DISK/PATCH (Opt 3 E/A START) fctm [(1shex, 2sascii, 3sexit, 4sdown, 5sbegin, 6sap, 8snew, 9ssemu. NEXA/DEC (b or xb) converts hex, decisal. NEMSE/READ (x/b reads a file saved as serge on screen. MINI/DUTP (basic

with M/M module) dueps source code. RELOCATE (basic with M/M module) relocates assembly language. (SSSD)193

4522 MISC #11 9 files from Brea Users Group - CALENDAR (x/b) prints an appointment calendar. CARDPYRNT (x/b) load-dba) credit card payment analasis. CARDTRANS (x/b) load-dba) credit card data base manager. COLCR-TV (b x/b) program to adjust color on tv. LOAD-DBM (x/b) loads both cardpyment & cardtrans. LTR-WRITER (x/b) word processor. DFFICE (x/b) disk file memo's. DFFICE/DBC documentation for office. THETIMEMER (x/b) build in clock. (SSSD) 334.

4523 hISC #12 13 Files ffrom Brea User Group - CATALOF (b x/b) displays or prints out disk listing. DATA/BASE (X/B) loads arktdata4. DISK/LABEL (x/b) prints a disk index on a large label. DISKFINDER (b x/b) use with disklister to find a file. DISKLAPELS (x/b) prints a disk list on a small label. DISKLISTER (b x/b) lists all your disk indexes on one disk. INDEX (b x/b) display disk index on screen. LOADER (x/b) loads a program from a senu, works with index program. MSKTDATA4 part of data/base program. READMRITER (x/b) will display or print a TI-Writer file. XB-BUDGET smaple file for xbcalc. XB-LOAN sample file for xbcalc. XBCALC (x/b) spreadsheet like sultiplan. (SSSD)193

4524 MISC #13 13 files from Brea User Group. CHARPAT, CLDCX, CLOCK/LOAD, CLDCX/S, COMVERT, COMVERTER, EXCLOCK, GRAPH/CSI, INDEX, LISTER, LOADMAKER, SHRINK, XLOADER (5550)166.

4525 MISC #14 12 files from Brea Users Group - BANNER/1 (x/b) prints large banners with 5 inch high letters. BANNER/2 (x/b) prints large banners with 5 or 9 inch high letters. BANNER/3 (b) scales as banner/2. CALDR (x/b) prints a planning calendar. CC/CAT/BCC (use ti-writer or readwriter or utility#8) doc for cc/cat/gen, cc/catter, cc/apb/cat & cc/apb/gen. CC/CAT/BEN same as cc/catter except for geaini printer. CC/CATTER (x/b) prints a 4 inch wide printout of your disk index that fits on front of your disk jacket. CC/MPB/CAT same as cc/catter except that it uses the apb clock card. CC/MPB/BEM same as above useing Semini printer. CROSSREF (x/b) gives variables and line numbers of your program. GOTHIC (x/b) prints large English Bothic letters. XB/CDLOR (x/b) changes screen color while you are entering a program. (SSSD) 207

4526 MISC #15 14 files from Breat User Group - BREAKFILE (x/b) breaks up long TI Mriter files. CATLOAD (x/b) loads X/B+E/A. CLRSCRFLIP flips what is under the cursor with a cirror image. DATABASE loads as part of pharase. DISKRISHER runs programs with single key. INDEX (b x/b) disk index. LOADER indexes & loads programs. PHASE (x/b) speaks any sentence. PR12 read and prints data files in dis/var, dis/fix, int/var & int/fix. SETUP loads as part of phrase. SETUP loads as part of phrase. TEII/ASCII (x/b) gives you the ascii number for any key, ctrl & fctm. XB+E/A-CAT disk catalog called by call link. XLAT loads as part of phrase. (SSSD) 284

ASZY MISC #16 -ZY files from Brea User Group - DEMO/PLDIY loads darlink. DEMIK part of plot/dump & screenadump. DEMOSURCE source code for darlink. TAPP part of plot/dump demo. DEMPSURCE source code for dump. JUSTFY part of text justification demo. DEMPSURCE source code for dump. JUSTFY part all demo programs. LOSO printer dump used with demo/pldmp. LOGOSOURCE source code for logo. PLOT used with demo/plsmp. PLOTSURCE source code for plot. QUICKSRC source code for sort program. RECESTR used with screen recall demo. RECESTR/S source code for recsor. SAVSCR saves screen to disk. SAVSCR/S source code for saver. SCREENS screen recall demo. SCROLL used by line scrolling demo. SCROLLDEMO screen scroling demo. SCROLLSRCE source code for scroll. SCRT used by quicksort demo. SCROLLSRCE source code for scroll. SCRT used by quicksort demo. SCROLLSRCE source code for vecall demo. VIPP program used by recall demo. VIPP used by vdpdemo. VIPPDEMO demo for vpoke & vpeek. VIPPSURCE source code for vdp. VENIS program used by recall demo. (SSSI) 358

4328 MISC #17 17 files from Bree Users Croup - CASH/NSSET (6 x/b) CHART/ACCT (6 x/b) program to chart stocks. FUNSTOCK & FUNTEMP cultiplan program. HOME/LIBRY (6 x/b) inventory your books. HOME/MORT (6 x/b) cospute sorgage payments. HOMEBUGSET HOUSE/BUDG (6 x/b) personal budget. INDEX (6 x/b) disk index. PRINT/28 (x/b) print your program in 28 column form. STATEMENT, STATISTICS, STK/CHART, STOCK/ANAL, STOCK/MKT, TITLEGENTR. (SSSD) 355

4529 MISC #18 22 files from Brea Users Group - ALFA-SORT (b x/b) list maker & maintenance. BASKETBAL1,2,3 caintain a basketball team's stats. Group. BEDIACTIVEL program to aid in band pass active filter stage design. BPUITLE crossword puzzle maker. CALTEX-970 & CALTEX-ASC utility for caitex network. COND/PRINT displays a program in condensed record structure. EDITORI edits programs saved in merge format. GRANER/STU figures averages on data such as student grades. KARKI-DENO (speech) demo to sell 79/4A. LOAD disk index program. MAC-TI lods a joystick controlled calculator. MEDIACRIMAP & MEDIACRIME a memory dump program. RANDOM/WIN picks the winning raffle number. REGISTOR converts obsic value to colors & cisa-versa STATEMENT prints business statements. STATISTICS figure means, deviations, & more on data that you have enter. STR_CHARTI & STOCK-MKTI a deviations, & more on data that you have enter. (SSSED)357

4530 MISC \$19 16 files from Brea Users Group - 49/CDL/00C 48/CDLDA1 48/CDLSAMPL (x/b) editor assembly program in call loads to use 48 column screen. ADDRESS (b) address program. ANCESRTY, FAMILY, HUSD-FAML, WIFE-PEDS (x/b) family tree program. FLISHTPLAN (b x/b) flight plan. HANDICAP (b x/b) horse race handicapper. MEDICALET (x/b) medical program. METRIC (b x/b) metric conversion. RELATIVEIQ (x/b) measure your IQ. TICK (x/b) puts a clock on the screen. TREMOLINE (b x/b) trend line. 1810SYTHMS (x/b) biorythm program. (SSSD) 332

4531 NISC #25 14 Freeware by Dan Guzsy 22 6th St. Sayrevilla,NJ 98672 - CONFIGNIP1 & 2 1st & 2nd screen aid for upu. DESIGNIE2 downloads character designer for Gemini. GEDSRALHELP brief instructions for upu. ICONVERTER converts TI Artist instance into carge format. MAIL-CALL: creates list/address file. OKIDATA data file for upu. ORLINE game to be played on 2 TI's via codes. PINSALL (x/b) very rudicentary game. UPU (e/a #5) printer program to configure printers. UFU IUTOR instruction for useing upu. UPV part 2 of upu. UPN part 3 for upu. (555H) 317

4532 MISC #21 BILL'S HIXTURE Freeware by Bill Rodriguez 32150 Seneca St. Hayward, CA 94544. An interesting six of original Catalogers and Sprite designers, along with one of the best Horse Code practice programs. Including the source codes for one or two of them, there are twelve different programs all written by a non professional programmer. Send a disk and a re-useable sailer, along with a couple of dollars for the whole disk of interesting programs. SSSD (325)

4533 MISC 422 ML/Utility Freeware by Art Grean of the Ottawa TI-99/44 US, Issue 2 Contains 6 assembly language utilities including 3 disk utilities, a terminal esulator and a printer set-up for dumping PrintArt files to your printer, with a disk to cassette added in this issue, DSSD (567)

4534 MISC #23 DISK UTILITIES V3.3 Freeware by John Birdwell 7852 Spring Hill Circle Eden Prarie, MN 55349: A DSSD disk with the following menu. CURPAGE DISKS, PRINTS SECTORS, SECTOR EDITOR, FIND STRING, DISK PEPCRIT, DIRECT COMPENIS, FILE UTILITIES, PRINTS SETUP, SCREEN COLOR. Provides the user with a means to study how data is stored on a disk. Good for changing and editing the data to cuit their own purpose. Auto-Dialer II for Fast term also has been added. (DDSD)665

4535 MISC #24 17 Freeware by Karl Roastedt 2543 Cranford Rd. Columbus

Onio 43221-1105 Disk full of Hist. programs : ADDRESS MACHIME create aaintain address list, prints, labels, search, edit, auto phone dial. ALPHASPEAK teach your child the alphabet, speech & graphic. COMPRESSER autogaticall compress program. CONTRABAND outer space game. CONVERT convert numbers from binary, hexadecimal, or decimal. COSMIC DUEL a space duel game. DEBT CALCILATOR a spreadsheet interest rate 2 payments. DRILL create load edit disk file for queations and answers. FREEZER a disk base inventory of your freezer. STADEROCK create save esit class records. GUNNED LABEL MAKER make 3*5 % 15/16 labels each line can have a different fonts Epson type. HOUSE MORBER a number game for children speech and graph. LABURATURY CALCULATUR biochemical I changes, gravitational radioactive, ultrafiltration, etc. LCAD 2 load NESTING ERROR ANALYSIS finds the unfinish loop. PANORAMA 2 create high resolution graphic merge. PRINTER INITIALIZATION select font combination for variety printers. SPRITE CEFINITION IV define sprites & merge up to 36 sprites. SLPER JUT guessing game of 3 letters words 2(555D)710

4536 MISC #25 Freeware disk from New Horizons Users Broup. About 13 assoicated utilities programs: 49 COLUMN, SCREEN DUMP, DSR LINK, JUSTIFICATION, FLOT, SCREEN RECOVER, SCREEN TO DISK, SCROOL, A/L SCRI, TIME.

LA99 EDUCATION

FAMIL THE EVERYTHING TEACHER by Intellector - Five sets of programs to provide customizing learning material for teachers and parents. TV SWEETAKES, BASEBALL, SPACE PATROL, LAST JELLYBEAN ON EARTH. Decumentation \$1.55 EXTRA (paper) (SSSD) 178

SM92 THE TRACHER HELPER by Intellestar - A set of three programs. Highly responsive to teacher needs, featuring a fast flexible and easy to use Grade-Book and grade graphing system. Documentation \$1.29 EXTRA (paper) (SSSD) 79

TANN OFF THE WATER by Intellestar - A set of 2 program which provides customized spelling practice combined with entertaining "hangman" style gaze. You can create and store your own spelling list. good for grade level 2 thru 6. Bocumentation \$1.50 EXTRA (paper) (SSSD) 48

5094 HEART ATTACK by Intellestar A Life Science program, age 11-adult. A 3 part program which puts you in central of a suphisticated model circulatory system, blood cells type and the nervous system. Decumentation \$1.39 EXTRA (paper) (SSSD)59

5005 <u>VYBER</u> by Intellestar -Provides a relistic codel of the Solar System. Learn about the atmospheres, surfaces, weather, teaperature and navigational conditions pecular to each plantes , the Sun and the cooms. Documentation \$1.00 EXTRA (paper). (SSSD) 97

5236 <u>OELS</u> by Intellestar - A Life Science series. - 3 parts set provides insight to the innereost working of life's building blocks the cells. Documenation \$1.39 EXTRA (paper). (SSSD)126

5007 INSIDE FRANCIE STIENT by Intellestar ,a Life Science Series. - A 2 part program try to keep Frankie alive by monitoring his body funtions and stimulate or suppress the various body systems. Documenation \$1.90 EXTRA (paper). (SSSD)SA

FIREBALL by INTELLESTAR - A arcade stlye action gaze which combines math practice with entertainment. Grade 2-8 Develop speed and accuracy (+,-,X,/).Documentation \$1.56 EXTRA (paper). (SSSD)54

5869 AIDS Surgeon General's Report on Acquired Lasune Deficiency Syndrome

VOP. (5350)

4537 MISC #26 14 Utilities programs fro. England. BASIC SPRITS, CHDEF(draw sprite), CHARPAT(define all keys), CHARPSRE(charpat in marge format), CHARSAMPLE(demo of charpat), CHECLIST(find any variable), CLECLIP(alter cussor to show color), ART, HEXDEDIEX(converts hex to decimal and vise versa), MNDUSK(load programs into Mini stemory from disk, DICTLAY AT(useing TI Writer to create a blank screen), PILOT/INST(brief instruction for PILOT), QUICK-SORT(add to existing file for sorting), PROS/CMKR(compare 2 programs listing), REMOVIDER(create 2 new program from your old 1=all/REMS 2= no REMS, SCREEN-MAP(locates and compares screen addresses), SCREEN-WP(dumps anything on screen), STREILE(relocte assembly programs in memory), KAMIKAIE(game), TINYTIPS(tips for basic programser), TVTESTCARD(draws test pattern on screen). (SSSD)329

4538 UN99/400 By John Owen Index of Users Group newletters articles, T199/4 supplier addresses, T199/4 Hardware software products, T199/4 Fairware, Tips, tutorials, short programs, etc. Uses PR BASE VZ.0 program (2606). Prints, sort, search, etc. J(SSSD)1075

by U.S. Department of Health & Human Services. Use TI-Kriter to print. (SSSD) 239.

5010 EDUCATION A FREEHARE disk by Regena P.O. Box 1592 Cedar City, Utan 84720 (X/B) 10 excellent programs gusic, typing, math, for the young (SSSD)316

581: EDUCATION \$11 22 programs for the whole family by ATMION - CLOCK, COLOR CRAYON, VOCABLLARY, TIME CLOCK, ADDITION TEST, LARGE CHARACTERS, MORLD FLASS, MATH TEST (SPEECH), MATH TEST, FILE, SERMAN, MORSE CODE, SPANISH TRANSLATOR, TENSE, TRIANGLE, BIOPHYTHMS, ALPHA, COLOR MATH, ALPHARIMBER, GRADING SYSTEM, SPELL (SSSD) 355

3012 <u>EDUCATION 012</u> 24 programs for the whole family by Armion - MOKO TOTAL, TRADE, BIORNITH'S, PRECIOUS METALS CONVERSION, TIME AND SPEED, LEAST SQUARE, RESISTOR TEST, BIBLE BOOKS, CARGER FILE INDEX, PRESIDENTS II, CAPITOLS, STATES, MATH TUTOR, FIRST ADDITION, SPELLING "8", CAPIT KEYS, DAYS BETWEEN DATES, DAYS WEEK YEAR, NAME NUMBER (SSSD) 340

5013 <u>EDUCATION #13</u> 18 educational programs for the whole family by ANNION -SPELLING WORDS, WORD SYLLABLE, WORLD FLAGS, QUADRATIC EQUATION, SPELL DOWN, SOLAR, DIVIDE, TEST TUBE, TRINOMIAL, AX 8Y = C, COLOR FRACTIONS, FLAGS OF THE NATIONS, FACTS OF LIFE, DRAW, ELEMENTARY ARITHMETIC, GUESS THE MARBER, FINGLES SPELLING, (SSSD) 354

5814 EDUCATION #14 programs for the whole family by AMMION RELATIVE IQ TEST, ALCEBRA, BOWLING MATH, CHANSE, CATAPULT,
PROJECTILE PROPLEMS, METRIC CLASS, ERADING SYSTEM, A TYPING TUTOR,
JR HI MATH, TESTING, STATES QUIZ, COUNTRIES, SCIENCE, (SSSD) 289

S915 EDUCATION \$15 12 excellent educational programs for the young at heart by AFNION - 5 programs of SPEAK SPELL FLASH, BASEBALL MATH, TRIGNOMIC SOLUTION OF TRIANGLES, MCRO TEACHER, MATH RACE, MATH AID, CRADE BOOK, HAPPY SPELL, (SSSD)348

5016 EDUCATION \$16 14 Educational program for age 4 to 40 by ANNION -MICHIGAN, RUSSIAN TYPENRITER, SPAKISH MATH QUIZ, PIGGY SANK, EUROPEAN CAPITOLS, SPELLING TESTER, TEACHER'S GRADEBOOK, STATES & CAPITOLS. TEACHER'S CLAIM, TEST WRITER, LANCUAGE EXPRESSIONS, MORD SCRAMBLE, ADDITION PRACTICE. (SSSD) 339

S017 EDUCATION \$17 16 educational program for the whole family by APMION - NGRO ININS, ROADRIGNER, ALPHABET SUP, SPELLING TESTER, LET'S PLAY ARITHMETIC, LEUKEMIA TUTGRIAL, THE SARNYARD GROUP (5 programs add, count, divide, sulti, & sub), JR HI MATH HELPER, CAPITALIZATION PRACTICE, USA FACTS, CONSTELLATIONS, (SSSD)348,

5918 EDUCATION \$18 16 educational programs by ANNION - THE NUSIC TEACER, EEOLOGY QUIZ, VOCABLLARY TEST, STUDENT BEDMETRY AIDS (5 programs plane geometry, solid geometry I, solid geometry II, euclidian transformations, solution of triangles), SPELLING AIDS (2nd & 3rd), UNSCRAMBLE, FRACTION DRILL, ALPHASTER, 19 WORDMASTER, POETRY MAKER, (SSSD)353

5919 EDUCATION \$19 15 educational programs by AMMIGN-NOUN INSTRUCTION, COUNTING, MATH QUIZZER, CAI TEST, SAY AND SPELL, ARITHMETIC DRILLS, GETTYSEURG ADDRESS, SUPER FLY, DRILL SAME, BIG LETTERS, MASTER MORD LIST, BIBLE SAME, MORSE CODE TRAINER, EVOLUTION, WATER POLLUTION STORY, NUMBER FLM (SSSD) 354

5929 EDUCATION \$29 15. educational programs by AMMIGN- STATES GUIZ, PISSYBANK II, THE AMERICA MAIN, MATH HAMPAN, PRIMIN HIGHDIVE, SPANISH FLASH CARD, MATH CONCENTRATION, FRENCH VERBS, MAKE A STORY, EMERGY, NIGHT SKY. (SSSD)344)

5021 EDUCATION \$21 13 educational program by ATMICN- UP DOWN LEFT RIGHT, NUCLEAR CHEMISTRY, RUEXY ROBUT'S ALPHABET, RUCXY ROBUT'S DIVISION, SMEDISH VOCENLARY BRILL, REMARTH, THE ABO SHOW, CHART OF ATCHOOC WEIGHT, ALL ABOUT GEOEDIA, BEGINNING SPANISH, HEBREM KEYHOARD, THE PHYSICS RACE (5550)347

5922 EUCATION 122 14 educational programs by ATMICH- KATIE'S ADDITION, FRENCH GRAWMER GAMES, ROCKY ROBOT'S LEARN TO COUNT, ROCKY ROBOT'S SUBTRATION, PRESIDENT'S GAME, BECHETRIC COORDINATES, SHAPE SEQUENCE 19 TEST, BIGLOGICAL SYMBOLS, LINEAR ALDEBRA, MEMORL'S LAM, 9th GRADE PHYSICS, CONSTELLATION, MANG GLOBE, TIMES FUNS GAME (SSSD) 343

5423 <u>EDUCATION #23</u> 12 educational programs from AMRION - TELLING TIPE, PRE SCHOOL FUN, JED AVEC LES, ADDITION MAGICIAN, MILITFLICATION MADNESS, TYPING TRAINING, ROCKY ROBOT SINGS, READ FAST, THE TYPING SAME, MATH MUNCHER (SSSD) 350

5024 EDUCATION 124 12 Educational programs from APMICH NORSE CODE TRAINING, CONCENTRATION SPANISH, SPACES SHUTTLE,
ENGLISH TO CZECH, ARITHMETRICO CRILL, SPANISH VERBS, MAKE MORDS,
VOLCANO FACTS, TYPING, ADDITION MAGIC, ARITHMERAPH, MATH PULZLE (SSSD) 344

5025 EDUCATION \$25 15 LAMBUAGE educational programs -CZECH, FRENCH, BERMAN, HEBREM, RUSSIAM, SPANISM, SHEDISM, (5550)277

5826 <u>EDUCATION 426</u> 20 FRESCHOOL education program - FIRST ADDITION, ABC, ALPHADET, HAMBERS, LETTERS, CLOCK, COUNTINE, DRAWNES, KEYECARD, TELLING TIME, NORDS, (SSSD) 346

5927 EDUCATION 427 8 EXCELLENT education program by John E.Taylor— great for pre-school children. CDLCR MAST, ESG HUNT, INTRUCER, SPRIT BUILDER, ALPHABET DELIGHT, CDAL TOCAS 2(SSSD):669

CB28 <u>EDUCATION #28</u> is Programs for the Astronomers. Trace the Camets, Planets, Moon, Norld latitude longitude and find out when the Sun raises and set on any date. <u>ELLIPTICAL CRBITS</u>, FLIL MOCH, HALLEY COTET, MORLD MAP,

SOLAR CALCULATOR, THE ASTRONOMER, PLANETARY ORBITS, ASTRONOMER, AS

5929 EDUCATION #29 From Agnion 30 "ENGINEERING" type programs : MOHR'S CIRCLE, FFT 256 FFT POINT , ANTENNA, DATA FORECASTING DIVERSENCE, TEMPERATURE CONVERSION, BLACK BOX, CIRCUIT, STATS, ELECTRONICS. 3-D PLOT. CROSS CHARELATION FOR CLAVE, HARMONIC CLEVE FITTING, CIRVE FIT. AC VOLT. MATRIX(99/4), ALTERNATOR AND TRANSFORMERS. ELECTRONICS SOLVER, REACT, AMP CIRCUIT DESIGN, PUHER. ATOMIC WEIGHT CALCULATOR, STATISTICAL AND YSIS, MINING TIME DATA. TRIGOMETRIC CALCULATOR, MENTONIAN INTERPOLATOR, ANTENNA ALIGNER. (SSSD) 258

5036 EDUCATION 839 From Achion 27 "ENGINEERING" type program. : 555 TIMER DESIGN. DECIREL CALCULATOR. GEOMETRY CALCULATOR. OIL WELL CASING DESIGN, RESISTIVE ATTENTUATOR DESIGN, STATISTICAL ANALYSIS. WIND CHILL FACTOR, HYPNOTIC INDUCTION. FACTORIAL II, PRINC NUMBER CRUICHER, STATISTICS TABLES. CLOSED LODP SYSTEM ANALYSIS, FIROMACCI'S NUMBERS. PLANET WATCH. CONET CALCULATOR. PIPING SYSTEMS ANALYSIS, TELESCOPE SPECS, UNIVERSAL TIME, POLYNOMIAL CURVE, CONVERSION II, MATRIX DETERMINANT EVALUATOR, VECTOR ADDITION/SUBSTRATION, PARABOLIC REFLECTOR, AIRCRAFT DESIGN, MINI MUF, MOCH WATCH, MCS OP-AID (9950)

SØ31 <u>OLIBS</u> FREEMARE BY Joseph Zeff - C99 - Consists of two sets of functions : LOGICAL and MATH. Program is written to fill a gap in C99 vert.32. (SSSD) 42

EXECUTIONAL #8 Freeware by Marty Knoll Jr. 218 Kaplan Ave. Pittsburgh, PA 15227: 3 Trailware programs 1. CONTERENS A non-violent game for young children in Basic. 2. GEOMETRIC SHAPES in X/B illustrates many geometric shapes, labels the dimensions, displays formulars, and calculates volume, perimeter, area, or circumference [call files (1)]. great for Jr.high student. 3. MORSE CODE TUTOR X/B both beginners and advanced horse Code users. Learn and improve code recognition & speed. Learn code, select speed, pitch. Can be used to transmission over the air. (SSSD) 218

5533 <u>EDUCATION #31</u> From Brea Users Group. 10 Educational program in Basic. ALGEBRA, ANATORY, MATH/I, MATH/2, FRENCH, SPANISH, SPELLING, TYPING/1, TYPING/2. (SSSD) 331.

5934 <u>ENUCATION 32</u> From Brea Users Group 12 educational programs in Bsaic and X-Basic. ALGREBRA, ARITHMETIC, CHILD/MATH, FRENCH, GEDWETRY CLRVE, MATH/CHALLENCE, MORSE/CONE, MULTI/3RD, SPELL HELPER (TE-II), SPANISH, MORD/MORLD (CHILD). (SSSD) 264.

EDUCATION #33 14 Educational programs from HLG Users Group. STATE CAPITOL (IB) Quiz maming Capitols, TIME CLOCK (B) teaches children to tell time, TEMSE (B) learn verbs, COLOR MATH (B) 8 to 11 yrs, FIRST ADDITION (B) simple, MORD TEACHER (TEII) spelling, STARS (XB) teaches stars in your location, TESTI (B) make own test, TESTI2 (B) make own test plus answer, VOCABLIARY (B) expand word power, ASTROMONY (B) constellations, JR.HI CALCS (B) area volume circumference, READ FAST (XB) improve reading speed, MORD IQ BUILDER (B) call files (1) 1 to 4 players (SSSD) 357

5036 EDUCATION 634 22 Educational program from RUG Users Group. SPEAK & SPELL (B TEII) flashes card & speak, SPELLING (B TEII) like speak & teil with printer results, CERNAN TUTOR (B) German to English, PRINE NUMBER 1 (B) display numbers 3 to 1779, FRINE NUMBER 2 (B) generates and prints numbers. FIRST AID 1 (29) short course with graphic, FIRST AID 2 (X9) core tips and quizzes, ABC (XB speech) flashes alphabet & number speech, BASIC PRIMER II (B) TI Basic explained, MATH PROBLEMS (B speech) elementary, TI DIVISION

(XB) elementary, SIMILARITY (B) triangles. PERIMETER (B) triangles. FRE SCHOOL ACTIVITIES (B TEII speech) introduction to the cosputer, ANGLES (B) determines supplementary, POLY ANGELS (B) isosceles triangle, CONE ANEA (B) cosputes, DICE (B) gives random numbers, LET'S PLAY TRAINS (XB) pre school keyboard, ANIMAL (disk) guessing game, DISTANCE & BEARING LOCATOR (B) latitudes & longitudes, MOCN (B) figures position, (SSSD)368

SMOT EDUCATION #35 28 Programs from H.U.S. +/- TEST (B) addition and substration questions, CCHVERT (B,XB) hex-binary convertion, FLIGHT SIMILATUR (XB J/S), FLORDIA QUIZ (B), EEDRSIA QUIZ (B), HERO'S FURNILA (B) triangle calculations, LANGUAGE DETO speaks 5 different languages, MATH CRILL (XB printer) all type of math, FLAMET (XB) quiz on our Solar System, TI-TEST quiz on the 99/4A, TI-TUTUR (B) teaches the TI computer, MINDCHILL (B) calcultes temperature, MUNLO (B) gives distances between any two cities. (SSSD) 366

5938 EDUCATION #36 18 Programs from H.U.S : STORM (XB printer) Plots the

LA99 HOME

5001 MINE #1 15 programs for the home maker by AMNICH- BUY OR SELL HOME, CREDIT CARD MANAGER, HOMEY DO LIST, MAILING LIST, DIET MANAGER, KITCHEN AID #1, KITCHEN AID #2, EATS, LOAN COMPILER, 7 DAY CLOCK, AUTOMBILE COMPAIRSIONS, COCKIE FILE, THE FAMILY FOREST, HOME BUDGET MANAGER, HOME (SSSD) 339

\$392 HOME #2 15 programs for the home by WINTIGH- HEAT AUDIT, COCL AUDIT, INCOME AVERAGING, PAYCHECK MANAGER, BILL TRACKER, HEALTH TEST, NUTRITICHAL SCCREPOARD, FAMILY TREE II, ANCESTORIAL FILE, HOWS CHECK PROCESSOR, 64S AND ELECTRIC USAGE, PERSONAL FILE, RECORD CRILECTION, TRAINING CHART, RECIPE (SSSD)357

\$253 MOME #3 25 short programs for the home by AMMICH TV SCHEDLE, MESSAGES, LEATING, SAVING GAINS, CATALOS LIBRARY, FREEZER INMENTORY, MINE INVENTORY, PERPETUAL CALENDAR CLOCK, TRIPLE TIMER, ANNUAL BUDGET, HOUSEHOLD BUDGET AID, CHECKS BALANCE PRINTER, COCKIE FILE II, THE GROCERY LIST, BUDGET CONTROLLER, MENU PLANSER, ANTIFREEZE CONCENTRATION, MORTCAGE SPREADSHEET, HUME BUDGET SPREADSHEET, FIRMITURE ARRANGER, DIET/RIGHT, FUEL COMPARATOR, SAVING ACCOUNT NUMBER, CHECKS SCANNER, DATE MINDER (SSSD) 357

6574 HOTE 34 16 2019 PROGRAMS to use around the home by AMMICH-MENU MAKER, HOTE ACCOUNT MANAGER, EXPENSE TRACKER, PERSONAL DIRECTORY, AMORTILIATION, HOME BANKER, BURSLAR ALARM, HOME FINANCE, UTILITY BILL ANALYSIS, CAMPER MAINTENANCE, AUTO LOANS, POIEDM PREVENTION, HOUSEHOLD INVENTORY, OUT CALCULATOR, HOUSEHOLD ACCOUNTS, MASTER INDEX (SSSD)341

6855 HOYE 55 13 programs for the hosemaker by ATMICH- LIST II, TAX ESTIMATOR, FINANCIAL CALCULATIONS, HOME BUDGET ANALYSIS, MAGAZINE FILE, BARTENDER, SOCIAL SECURITY, DAILY MUTRITION, INVESTMENT TRACKER, DECREES DAYS, PERSONAL PROPERTY RECORD FILE, MAILING LIST, I.R.A. (SSSD) 347

6486 HOTE 16 II programs for the home by ATMION- BLACKIACK TUTCR, CREDIT UNION LOAN ACCOUNT, SELF EVALUTION. THE TAXKEEPER. IMPORTANT MUMBERS, CHECKBOOK ACCOUNTING TRANSACTIONS, LIST KEEPING III, SAVINS AND LOANS ANALYSIS, QUILT PATCH, THE CLERK SYSTEM, WORD PROCESSING (SSSD)369

6697 HOME \$7 12 programs to use around the Home from LA99 Library ADDRESS LETTER, CHEEK PROCESSOR, FUTTY DECISIONS, ENGINEY LIST,
HOUSEHOLD BUBBET, INVESTMENT, LIBRARY BOOKS, PHONE BOOK, POWER SAS COSTS,

Galveston and Agnes Hurricane of 1909. CHAYE (B XB) Mays of caking change for a doilar, REGULATOR (XB) calculates resistor values useing UN317 or UN337, PLOTTER plots two points on x-y axis, ROMAN/ARABIC (XB) converts Roman Numbers to Arabic & visa-versa, ASTRO (XB) converts siles/kiloseters, siles/light years, siles/astronomical, degrees, etc., MULTIPLICATION (B XB) help children, 3D/CHRYE (XB) plot and draw a 3-D curve, VOLTAGE (XB) find X regulation of either 3 amm alternator of transformer, AREA (XB) figures the area and volume of generating figures, 555 (XB) calculates operating parameters of a 555 used as a sultivibrator, BINONIAL (XB) test on binocial distribution, POLYNOMIAL (XB) integate a polynomial, BORE (XB) calculates an orifice bore diameter, CATTESIAN (XB) plots arbitary function, 301A (B) design a circuit useing the 301A, CLOSED LOOP (B) compute the variables in circuit, DIGITAL (XB) simulates logic in software. (SSSD)366

5839 <u>CAD MASTER</u> From Brow access Group - This program has features that will appeal to Engineers, such as on screen scling/measurement, and multiple line drawing. (SSSD)121

RECORDS AND LISTS, TELETHONE DIRECTORY, WELD HAP (SSSD) 329

6008 HENE 68 14 record keeping programs from AMMICN about Football, Baseball. Basketball and Solf - GOLF HANDICAPPING, FEOTBALL RATING SYSTEM. BASKETBALL THATS, BASKETBALL STATISTICS, FOUR RECORDER, BASKETBALL STATISTICS, FOUR RATE, NFL STATISTICS, BASKETBALL STATISTICS, HAIA BASKETBALL STATISTICS, GOLF SCORE AWALYSIS, FOOTBALL FORCAST, BASKETBALL STATISTICIAN. (SSSD)283

6699 NEW TESTAMENT Seven Disks of the NEW TESTAMENT JOHN, MACK, MATTHEW, ACTS, LLKE, PETER, ROMAN, HEBREW, CHIL. REV. ETC. 7 (DSSD) 4396

6619 CALENDAR Over 16 different calendar programs any year or sonth-APPOINTMENT, BOCKMENT, BIG, SMELL, SMELLER, TINY, POSTER, PLANNING, MAKE YOUR OWN WITH HELPHAKS, print to screen or printer. 2(SSSD)448

6011 KDTE 011 12 Records keeping programs from ATMICN about your favorite eport - BOMLING TEAM RECORDS, BOMLER'S SECRETARY, SCOREKEEPER, SUCCER STATISTICS, JUDGER'S PACE CALCULATOR, HARVESS RACING AVERAGER, ROWERY MANASER, SYNCHITICS TEAM SCORER, JIB SAIL, (SSSD) 230

6812 HOME #12 11 Program by Jerry Hough - STRANDED counsel to tape game, IMAS TREE music + graphics, JONNA ADD home work paper, CALENDAR documentation, data, printer for making your own calendar with comments, PRINTER fonts, sergins, specing, sleshed zeros for the Genini-LEX, SHOPPING LIST check the items you want to get at the supermarket. (SSSD) 232

6813 ARTIFICIAL INTELLISENT 4 kinds of artifical intelligent programs where the computer thinks for it self. DOCTOR, MINDREADER, DOGS, FETCH. (SSSD) 218

6814 <u>DIAL A MORO</u> Laproved by Chick Defarti and Ton Freesan input your 7 digit telephone number and the computer will print the sany words possible combinations. (SSSD) 26

6815 HOTE #15 12 Programs for around the HCTE. Help keep track of your homebudget, checkbook, telephone numbers, credit cards expenses, list of your household items, and core. CHEEX PROCESSOR, CHEEX BOOK BALANCE, CREDIT CARD, CREDIT CARD, MANAGER, PERSUNAL FILE, HOUSEHOLD SUDGET, LIST #1, LIST #2, MAIL LIST, PHONE BOOK, RECORD # LIST, TELEPHONE DIRECTOR. (SSSD) XSB

6916 HOME #15 12 PROGRAMS TO HELP YOU AROUND THE HOME. BASEFALL sagic number, BURGLAR use the TI to alars the hose, FURNITURE arrangements, DECISIONS help make Fuzzy decition. GROCERY keep list of what is on hand, ADDRESS print name street city state zip on letter envelope, LIBRARY locate books, HAIL LIST maintain and print list/label, NPG calulate MPG on your car, PHONE/GAS create graph of elec & gas input, VIDEO keeptrack of your VCR, MORLD enter 2 city location & distance between them are shown. (SSSD) 386

6017 CHECK BOCK Freeware By John Taylor 3170 Estaline Dr. Florance, AL 25830 - X/B, 32K, Printer, Keep track of your checkbook and analyze your spending habits. (5550)357

6018 MEATHER Freeware by Gary Cox 3174 Melbourne, Memphis, TN 38127 - Forcast the weather by inputing the Wind, Temperature, Clouds, etc., senu driven, results are printed. (SSSD) 93

6919 GRAPH PAPER Freeware by Toa Wynee 16223 79th Pl. W.Edmondsm, WA 98326— X/B, Printer, Make professional graph paper squares from 1 to 36, Printer aust be able to go into 960 dot graphics mode. (SSSD)23

6020 TAX 1984 Freeware by Mike Comway 911 Dover Dr. South Send, IN 16614-M/E, TI MELTIFLAN sodule, printer - Uses Mulpiplan to compute your Federal Income Taxes. (SSSD)187

6921 FILM Freeware by John Arestrong 4891 W.First St. Space \$79 Santa Ana, CA 92763 -X/8 - Keep track of Film Library adds, change, deletes, search, display, print, list, make labels, Can also be used for others Library such as VCR. (SSSD)38

6822 <u>CATALOG FILM</u> Freeware by JOHN ARMSTRONG 4801 N.First St. Space #99 Santa Ana, CA 92703- Keeps track of your files adds, change, deletes, search, display, print, list and labels. (SSSD)38

6823 BEST OF SRP Freeware by Steve Patterson 2351 Ragan Woods, Toledo, CH 43614-X/B- 42 programs GAMES, DRAWINGS, UTILITIES, ETC. 2(SSSD)559

6824 MILES/GAL Freeware by FINELINE SOFTWARE 3 Wendy Lane, Mariboro, NJ 97746- X/B,32K- Keep track of one or several cars on the MPG USED a Data Rase program. (SSSD) 132

5025 <u>GANYA</u> Freeware by Tony Robinson P.D.76799 Vancourver, B.C. Canada VSR 557 -X/B For RADIO NAMS specify the feed point for Antenna and Coax with math. (SSSD) 198

6026 TAX MOSTER 86 Freeware by Howard Armold 219 Beach Valley Road Lewisville, NC 20023- X/9 Preparing your tax return for 1985 for both Federal and State Tax return. Prints results directly on the government form. (SSSD) 92

6327 <u>ENVELOPE</u> Freeware by Roger Wilson PSC Box 3475 Edward AFB, CA 73329 -1/8, PRINTER - Address your own envelope, Repeats the sender information on upper left, prints the receiver address on adjustable location on difference size envelope. (SSSD)54

6928 TAX 1986 Freeware by James Sleeth P.O.Box 20723 El Cajon, CA 92921-Uses Multiplan Module and TIMP disk to print on Federal and State Income Form (forms provided by muthor) your 1986 income. 2(5550)531

1929 INVOICE Freeware by David Belanger 1345 Arkard Dr. Reno, NV 99583-1/B Keep an Invoice of Charges and Credits with balance. program will print and save results on a spreadsheet type form. (SSSD)133 5639 10016C Freeware John Bulokowski Vernon, CT -Wheel of Fortune -- 1/B - Find out what happen on your birthday 1930 - 1986 and when your next period of good fortune will happen. Plus two other programs Hodify II-Writer data and modify cursor. (SSSD) 397

6831 MENS COLOR COORDINATOR Freeware by Don Mest 122 Boulter Road Wethersfield, CT 86187- X/B - Color, Lets you coordinate your fashion, eatch or eix your jacket, vest, and tie. Prints out your selections. (SSSD) 53

6532 MITI-MARE Freeware by Milo Tsukroff 84 Ash St. Apt.32 Willicantic, CT 96226- X/B - 6 Programs to entertain you around the home. YARDCHURES: game take care of your yard, 30RBIT: Input orbital data and watch the results. SHOPLIST: prints 5-col shopping list, can change list. TIBCHUER: Fly a WHII bomber. INT-DIF: Calculate intergrals, derivatives of polynomials. ATTHEBEACH: A seashore scene. RAIN: A rainy landscape scene. (SSSD) 362

6933 <u>MEETING</u> Freeware by Jeff York. Fort's Users Group P.O.Box 11212 Fort Nayne, In 46856A visual aid for the President and seebers of a User Group. A step by step display of handing a meeting. SSSD (84)

6934 TOURISTAVER Freeware by Bill Knecht 915 Yorkshire Pasadena, TX 77593 : Tourist Inforsation Services is a program that gives the name, address and phone number of who to contact in any state including Hashington D.C. to obtain info and brochures. Great for vacation planning. VCR Movies Guide ver2.8 aids in keeping of sovies on video cassettes, prints title, rating, number, counter for up to 175 movies. (5550)197/

6835 <u>SEMEDLOGY III</u> version 2.1 Freeware by Walter Davies 17718 Orchard Lane Salinas, CA 93907: Keep track of your ancestrals for 4 generation. Print a family group sheet, locate files with ease. (SSSD)234

6936 LOTTO Freeware by Phil Barnalyzer: A Lotto analyzer to help you keep track of your Lotto numbers. Keep track and plots graphs on winning numbers, bets, games etc. Prints results (SSSD)90

6937 TOTAL PROCECULATE Freeware by Leo DuBry 325 So Conter St. Longview, TX 75691: A label printing program for a prospect list. List is stored on disk under a file name. Labels can search and printed by number, name, city, state, zip, or phone. (SSSD)199

6638 HIPE PLAN Freeware by Bob Delpit 14634B South Budlong Ave. Gardena, CA 98247- X/B A spreadsheet program enter up to 28 rows and 13 columns of numerical data, and to mathematically operate on this data in 6 different ways. save, prints. (SSSD)181

6839 CA FROM PROGRAM: /// Richard Bailey /// 684 Church St. Gonic.NH 83867. An excellent calender program. Will print a monthly appointment, yearly big, scall, scaller, tiny on an <u>Epson</u> type printer, plus screen. SSSD (164)

6846 BIRLE From Michael D. Dimuro P.O. Box 423 Tujunga, CA 91842 . A complete print of the HOLY BIBLE king James version 28775 sectors. 15 disks DSDD = 425. 36 disks DSSD or SSSD fliples 456. 66 disks SSSD = 4185. Because of the size of this program it will not be aviable at the club meeting. Copy of the program will be made upon request.

6841 BIBLE TRIVIA By Steven DeGaare 3217 Peery Kanas City, MD 64127 : Learn more about the Bible. A true and false quiz on the following: OLD TESTMENT, NEW TESTMENT, PROPAETDS/PROPMESY, GUOTES, BIBLE BOCKS, (SSSD)125

6442 PRK INVENTORY Use PRK Module Keep Inventory. Save and print. Load program "INIT" to start. (SSSD) 194

6843 PRK MODULE By Newt Arastrong - useing the PRK Module in programming up to seven subprograms from II basic. These are hidden capabilities of the FRK Module. To use PRKCONNERT, PRKWRITE, READPRK/ or SAPLERKH/ files power up the FRK codule access basic. Type call p(SAMO)enter, type call files(1) enter type NEW enter, load and run. With READPRK/ & SAPLEKH/ type CALL L(*DSK1.MAIL/LIST*,C)before loading basic. (SSSD)167

6944 <u>FILEMASTER</u> Freeware: Create your can NAME list reports, address, city, state, zip, phone. program will Create, Change, Display, purge, save, load, print, sort, and catalog. (SSSD)49

6945 MRITIFIAN UPDATE Multiplan has been speeded up a little, plus you will now have auto-repeat when soving the cursor. (SSSD)149

MUSIC

7861 MUSIC #1 BASIC, FROM SEV USER SROUP, AMERICAN THE BEAUTIFUL, MY DARLING CLEMENTINE, DECK THE HALL, DEMO #1, DOG GONE REGGIE HOOGIE, FIDDLER ON THE ROOF, THE SODFATHER. THE ENTERTAINER, THE MUSIC MAKER, MASH TI ORGAN, REELING' AND ROCKIN', SILENT NIGHT, STAR TREK. (SSSD) 353

MUSIC 12 MASIC, FROM SFV USER SKOUP, PRAELUDIUM 11, VARIATIONS ON A THEME, DAMIEL, EAR TRAINING, SILENT NIGHT, SCHOOL DAYS, THE ENTERTAINER, VIEWA WOODS, AULD LANG, FIDDLE, AMAZING GRACE, MICHIGHT IN A MACHICUSE. 2(599D) 514

7843 HUSIC 83 XEASIC, FROM TIGER CUB, AMAZING GRACE, WE HAVE NO BANAMAS, FOREVER BLOMING BUBBLES, BUT YOU KNOW I LOVE YOU, CARALINA MOON, COLLABIA GON OF THE OCEAN, GREENSLEEVER, HOME IN DREAMS, JUST THE WAY YOU ARE, HOUSE OF THE RAISING SUN, SHENAMOON, SCLO, UNDERTTHE COURLE EAGLE. (SSSD) 347

7694 MUSIC #4 BASIC, BY KEN SILLAND, ERGAN EYES, CLOSE TO YOU, DAISY, LOHENERIN, MADHOUSE, MONKEY BUSINESS, PIPELAND, REELING AND ROCKING, SCHOOL DAYS, THIRTY DAYS. (555D) 338

7095 MUSIC 45 XBASIC, BY SAN MURE JR. \$1. BIG CAT BOGGIE, BCAT SONG, DOG GONE, KANGRARGO. MAIN SCREEN, HAPLE LEAF, PUPPY TOWN, ROBOT BOGGIE, BIDN SCENE, SUKDAU DRIVE, VARIATIONS, VENUS, WESTERN BOOGLE. (5550) 348

7696 MUSIC 16 (BASIC, BY SAM MODRE JR. 12, BUMPLE BODGIE, BUITAR, MORNINS, MOCTURNE, DRUS 23, DZ MEDLEY, RONDO, SEA BOTTOM, SEMORITA, LOVE IS A SPLENDORED THING. (SSSD) 351

7997 MUSIC #7 XBASIC, BY SAM MOORE JR. #3, A 5TH OF REETHOVEN, BERCEUSE, AMAZING GRACE, JUST THE WAY YOU ARE, KILLING HE, BOSGIE DOGIE DOGIE, TIME IN A BOTTLE, WITH LOVE IN MY HEART, YESTETDAY, YOU LIGHT UP MY LIFE. (SSSD) 345

1998 MUSIC 48 XPASIC, BY SAN MODRE JR. 44, ALSUN LEAF, BUGLE BOOGIE, SCHSTA IN C YAJOR, FOREST ROSES, IN THE MILL, MASH 4977, MOON LIGHT, OPUS DE SILENCIA, MITCHES DANCE. (SSSD) 349

7359 MUSIC 59 XBASIC, BY "MR.C", A TASTE OF HONEY, MINUET IN 6 MAJOR, OLD BLACK JOE, THE LADIES OF CALCUITTA, 5 FOOT 2 EYES OF BLUE, 194 DEMO. (GSSD):143

7919 HUSIC 119 YEASIC, EDAT SONS, MAIN SCREEN, DRGAN, FUPPY TOWN, ROBOT BOOGIE, VENUS LANDSCAPE, MESTERN BOOGIE. (SSSD) 199

6646 99/CALC Freeware by Phil Barnes 24631 Via San Fernado, Mission Vieto, CA 92692. Create spreadsheet using row and column titles, numerical values and formulas. Automatically recalates and displays answers. Can use disk or cassette. Many functions are performed. SSSD (133)

6047 OREATIVE FILING SYSTEM Freeware by Mark Beck 166 Delaware Circle Jacksonville, AR 72976. This is an excellent data-base sanager system to create, search, add, change, delete, sort, etc. and his user group is using it as a fund-raiser, so be sure to send a monetary contribution, as well as a disk and reuseable sailer. SSSD (296)

6848 <u>GENEALOSY TIM TI-HELPER Freeware</u> by Jan Knapp Z318 Ruckert St.Louis Co., MD 63114: To aid Genealogical research by useing TI-WRITER. Gives hints, tips and charts to work froz. Customize your own groupsheets and save to disk. SSSD(Z31)

7911 MUSIC #11 XBASIC, BY BILL KNECHT, THE STAR SPARKEED BARRER, SINK THE BISMARK. BLUE DANAISE WALTZ. BUT YOU KNOW I LOVE YOU, CAN'T HELP FALLING IN LOVE, COOL WATER, COULD I HAVE THIS, DANCE, DOODLE-DEE-DOP-DEE DOD, FOOLTIES, G'SLULLABY, MANDY, DEHD, NAMER, SCHOO DUT, SLONFLOWER, SLON DRAG. (SSSD)349

7812 MUSIC \$12 KBASIC, BEST SCHOOL BY BILL KNEEHT \$4875 - MS BOJANTES, O CAYADA, DON'T FALL IN LOVE WITH A DREAMER, WINGS OF A DOVE, ENDING, HOUSTON, LOOKING FOR LOVE, PRACE IN THE VALLEY, HEBDING SCHOOL (SSSD) 354

7811 MISIC \$13 BEST HYMNS BY BILL KNECHT, ABIDE BY ME, BLESSED ASSURANCE, JESUS LOVE THE LITTLE CHILDREN, JUST A CLOSER WALK WITHY YOU, ETETNAL FATHER, BELIEVE, HOLY HOLT HOLY, JESUS SAVE, JUST AS I ATL. THE LOND PRAYER, LOVE LIFTED HE, I NEED THEE EVERY HOUR, OLD TIME RELIGION, THE OLD RUGGED CROSS, ROCK OF AGES. (SSSD)337

7014 MUSIC #14 AXEL F. HAPRIGAN, LOPENGRIM, TEXAS STSTE HYPEN, TECCATAIN D MINOR, VALENTINE DAYS SPECIAL. (SSSD) 358

7015 MESIC \$15 NEW KID IN TOWN, CHOST BUSTERS, IF I FELL, MATILDA (SPEEDH), CLOSE TO YOU (SPEEDH). (SSSD) 325

7516 MISIC \$16 FROM AMMION, AMERICA THE BEAUTIFUL, DACH, DACH \$3 HINGET, BACH'S MIMULT IN B FLAT, BENITCHED, DEND \$1, GODFATHER, MUSICAL KEYS, MAASSH, RHYTHM, MUSICAL SCALES, THE STRING, STRAUSS, LET ME CALL YOU SWEETHEART. (SSSD)343

7017 <u>Music 817</u> From Annion, Bach Mini Concert, Theme From Dallas, Music Demo \$2, Music Demo \$3, Fideler on the Roof, intervale, Never on Surgay, Player Piano, sons, the sweetheart tree. (3830):347

7018 MUSIC 818 FROM AMNION, 12 DAYS OF CHRISTMAS, ALLEY CAT, DIET SPASKOLETTO, FOREST ROSES, INCREDIBLE HULK, INVENTION IN F, INVENTION BACH, I'M LOOKING THROUGH YOU, MICHAEL'S THEME, MUSIC BOX DANCERS, ORGAN, PERMY LAKE, SONATA IN C MAJOR, STAR TREK, CHRISTMAS. (SSSD) 359

7019 MUSIC \$19 FROM AMMION, ALBUM LEAF, BERCEISE, BUBLE BODIE, DOG GONE BODGIE MODGIE, RAINBOW CONNECTION, FOREST ROSES, SMINDING SHEPHERD BLUES, CIVE A LITTLE WHISTLE. (SSSD) 327

7628 MUSIC 425 FROM AMMION, HARK THE HERALD AMBELS, BEETHOVER'S 5TH, AMMING GRACE, QUITAR, WITH LOVE IN MY HEART, KILLING ME SOFTLY, IN THE MILL, MEDINLISHT, YOU LIGHT UP MY LIFE, TIME IN A BOTTLE, MITCHES DANCE. (SSSD) 334

7021 MUSIC #21 FROM AMMIEN, BEETHOVEN'S 9TH SYMPHONY, BLMBLE BOOSIE, BOOGIE COSIE COSIE, BURNY MUSIC, COLOR, BUITAR TUMER, SOUND BENERATOR, STAIRHAY TO HEVEN, MORNING, MUSIC MAKER, MUSIC TERM QUIZ, OP 23, PRELIDE, INSTRUMENT TUMER, WALTZ BY CARLLLI. (SSSD)352

76722 MUSIC #22 FROM ANNION, THREE KINGS, AMERICAN, ANCHORS AMAY, HAPPY BIRTHDAY, THE MUSIC CREATOR, O COME ALL YE FAITHFUL, GUANTANAMERA, FUSILE BY HANDEL, A HUNTING HE WILL GO, PREFE JACQUES. GLD MAC DOWALD. PLAY TYPE, BACH RECITAL, ROCK AROUND THE CLOCK, SYRINX, YELLOW ROSE OF TEXAS, POP SOES THE WEASEL, YANKEE DOODLE DANDY, ZITHER. (SSSD) 259

7823 MESIC \$23 FROM AMNION, JINGLE BELLS, A HANTING HE GO,
JOY TO THE HORLD, THE FOFCERN NAN, MINIRACH CONCERT, LISBY CHRISTMAS,
MY HUNGERY HEART, PRELIDE IN 6 MINIR, POLONAISE IN G MINOR,
ACROSS THE FIRLD, VICLA CONCERTO IN 8, VIOLIN TURER, COLOR BARS,
MUSIC HURKEHET, VIERATO GREEN, SCALES. (SSED) 351

7924 TUSIC \$24 FROM ANNION, THE COVENTRY CAROL, RED RIVER WALLEY, THINGLE THINKLE LITTLE STAR, ADESTE FIDE LES, 12 DAYS OF CHRISTMAS, SOUND EFFECT, MY OLD KENTUCKY HOME, THE CHRISTMAS CAROL, COMPUTER CHRISTMAS CARD, HAS ANYDODY SEEN MY GAL, SARAPANDE BY HANDEL, THE INCREIBLE HOLK, THE PIAND COMPOSER, ROLE ROW ROW YOUR BOAT, TOU SONS, THE HIGHY AND THE MIGHTY. (SSSD) 355

7925 MUSIC \$25 FROM AMNION, CHURCH CLINCERT, JAM SESSION, BEATLES COLLECTION, THE ENTERTAINER, GREENSLEEVES, HILL STREET RUGS THEME, MUSIC-KEYS, PUFF THE MAGIC DRAGON, FROSTY THE SADAMAN, TWO WOTE MELIDDY, CONSTANTE, COUNTRY DANCE, SILVER AND GOLD, SONGS OF TEXAS, BANJOS, HOME IN DREAM. (\$550)356

7926 MUSIC \$26 FROM ATHION, KOJO NO TSIKI, KADIA'S DREAM, AMERICA II.
HEART, MOZART, IOMA FIGHT SCHG, MAT A FRIEND IN JESUS,
MOZART-RORDO A LA TURCA, FROSCY MOUNTAIN BREAKDOON, SATIE-SYMMOPEDIE \$3,
SCARLATTI-SONATA, CLOSE ENCOUNTERS, HAVE A HOLLY JOLLY CHRISTMAS,
HORMPIPE BY PURCELL. (SSSD) 345

7827 MUSIC #27 FROM ARMICH, RUDOLPH II, 59 STREET BRIDGE, RINGO'S THEME, BACH TOCCATA FUSIE, TAKE FIVE, ADELITA do TARREDA, LACRIMA, RAMANCE DE CASTILLA, TRANSPOSITION TABLES, LITTLE DRUTTER BOY, HELLO/GODDYE, HEY JUCE, YOU'VE BOT TO HIDE YOUR LOVE, LET IT BE, SLEICH RIDE, LET IT SNOW, KINS WILLIAT?S MARCH. (SSSD) 351

7928 MUSIC 128 FROM ANNION, ROCKY ROBOT'S BOGGIE, ROCKING' AROUND THE CHRISTMAS TREE, THE CHRISTMAS SONG, COMPUTORSAN, VENETIAN BOAT SONG, TI ORGAN, PUPPYTONN, VENUS NIGHT RIDE, MEETERN SOOGIE, DOUBLE EAGLE RAG, IMOA STATE SONG, MENN ICH EIN VOEILEIN WAER, OB-LA-DI OB-LA-DA. (\$550)349

7827 HUSIC 829 FROM AMILIA. 18 CENTURY DRAWINS RECH, FAME, COLOR ORGAN, SHAT I DID FOR LOVE, PROGRAMMABLE METRODMOME, SOLFEBGIETTO, I'M FALLING IN LOVE WITH YOU, PEACE IN THE VALLEY, MOUSE OF THE RISING SUN, A HARD DAY NIGHT, DEEP PURPLE, JELISE LOVE ME, IVORY PLACES, STARDUST, SE STILL MY SOUL, IT IS WELL WITH MY SOUL. (SSSD)336

7603 MUSIC \$39 FROM AMMION, MERRY CHRISTMAS, HEY PALLA, CHORAL, FELLS SO 600D, I HAVE DECIDED TO FOLLOW JESUS, HALLELUJAH, PATRIOTIC MEDLEY, NETHERLANDS, FIDILE ON THE ROOF MEDLEY (calls files), HAVEN'S SONATA \$2, VARIATIONS ON A THEME, THE MASTERPIECE, ONE IN A MILLION, MADIA'S THEME. (SSSD) 348

7031 HUSIC 431 FROM ANNION, MICHIGHT COMBOY.

SINCING VOICE SCALES, INAVENTION IN F,

YES WE HAVE NO BANAMAS,

LITTLE TORK OF BETHLEHEM,

DECK THE HALLS,

THE FIRST NOEL,

SOO REST YE MERRY CENTLEMEN,

HARK THE HERALD ANSELS,

HOLY MIGHT,

JINGLE BELLS,

JOY TO THE HORLD,

AMAY IN A MANGER,

IT CAME UPON A MIDNISHT, O COME ALL YE FAITHFUL. (SSSD) 355

7032 MUSIC \$32 XBASIC, BY JET, SILENT NIGHT I, O TANKENSAUM, SILENCE NIGHT II, ARE YOU LONESOME TOWNIGHT, COLOR SPIRTES, BATTLE HYMN OF THE REPUBLICS, BROWN EYES \$2, I'M FOREVER BLOWING BUBBLES. (SSSD) 316

7833 MUSIC #33 FREEMARE BY ROTHAN MAJER Haidelberg STR111 07196 HEILBROWN West Sermany - A/E AMORADA, IN THE MODD, FLOHWALZER, CHARLESTON (SSSD) 171

7834 MUSIC \$34 DIGITAL MUSIC BY STEPHEN O PEACOCK -4 PARTS PLAYS SCHOOL, COMPOSES A NEW SCHOOL, AND TO THE WORK FILE AND PRINTS NUMBERS ON STAFF, THE FOLLOWING SONES ARE ON ON DISK AND PLAYED ON A PIANO, AFTON, BACKJ, BICYCLE, HERO, HYTNI, JOY, MARCH, TAVETON, THANK. (SSSD)386

7835 MUSIC 835 HOLDAY- 28 PROGRAMS, XMAS, VALENTINE, 4/JULY, HOLDMEEN, BIRTHDAY, PARTY, ETC. BASIC AND X/S, PRINTER. (GSSD) 286

7936 MESIC #36 BY BILL KNECHT NUSIC AND GRAPHIC OF THE SPACE SHUTTLE TAKING OFF FLYING AND LANDING, X/B, E/A, 32X, COLOR. (SSSD)314

7637 <u>MUSIC 637</u> DISITAL MUSIC BY STEPHEN D PEACOCK. PLAYS COMPOSE TEST SAVE MUSICAL SCHOS. ASTON, BACH, BICYCLE, MARCH, HERO, HYMK, JOY, TAVERN, THANK - PLAY OR COMPOSE YOUR OLIN MUSIC. (SSSD)326

7838 MISIC #38 Three great music programs- #1 JULY 4th Music and words with good graphic. #2 BUSY FINGERS assazing job of music writing. #3 TOCCATA plays Bachs and other with a nice X/B loader. (SSSD)329

7639 MISIC 139 husic you can get involved with. Set own tespo, learn notes, pitch, durations, play by using joystick or keyboards, write, clef scales. BACH, MERGE, CALL SOLNO, JOYSTICK MUSIC, DEMO, EAR BRILL, MUSIC MAKER, MAME THAT NOTE, PLAY SOLO, TI-ORGAN, ETC. (SSSD) 255-

7948 MAGNER Fromume by Ken Silliland 543 Riverdale Dr. t15 Slendale, CA 91294 - I/B - 4 Magner's hits, SIESFRIEDS FUNERAL MUSIC, PRELIDE TO LOMENCRIN, TRISTAN AND ISOLDA, TRAFT thi das, SCHIFTF in seere an, (DSSD) 687

7841 STAR TREK Freeware by Ken Gilliland 543 Riverdale Dr. \$15 Glendale, CA 91294 - I/B - 4 Star Trek musics, STAR TREK I, STAR TREK II, STAR TREK III, sovie picture and the these of STAR TREK TV series. (SSSD) 358

7842 <u>SOUTH PACIFIC</u> Freeware by Ken Cilliland. 543 Riverdale Dr. #15 Glendale, CA 91284-Sing-a-long programs from the hit musical. BALI H'AT, SOTE ENCHANTED EVENING, YOUNGER THAN SPRINGTIME. Utilizes text-to-speech for realistic speech effects and includes extensive use of immovative graphics. A real treat for everyone! II-Controller, X/B, Speech Synthesizer. Written by a master programmer and professional artist! (SSSD) 337.

7643 PATSY OLINE Freeware by Ken Gilliland 543 Riverdale Dr. \$15 Glendale, CA 91264-Sing-a-long programs from the hit susical. I FALL TO PIECES, CRAIY, ROSE OF SAN ANTONE, SWEET DREAM. Utilizes text-to-speech for realistic speech effects and includes extensive use of innovative graphics. A real treat for everyone! TI-Controller, X/B, Speech Synthesizer. Written by a master programmer and professional artist! (SSSD) 348.

7944 NUSIC MAN Freeware by Ken Gilliland 543 Riverdale Dr. #15 Slendale, CA 91234-Sing-a-long programs from the hit musical. GOODNIGHT MY SOMEDNE, GARY INDIANA, TILL THERE WAS YOU. Utilizes text-to-speech for realistic speech effects and includes extensive use of innovative graphics. A real treat for everyone! TI-Controller, X/B, Speech Synthesizer. Written by a master programmer and professional artist! (SSSD)318.

7945 MIZARD OF OZ Freeware by Ken Gilliland 543 Riverdale Or. Glendale, CA 91294-Sing-a-long programs from the hit musical. OVER THE RAINBOW, OFF TO SEE THE MIZARD, IF I ONLY HAD A BRAIN. Utilizes text-to-speech for realistic speech effects and includes extensive use of innovative graphics. A real treat for everyone! TI-Controller, X/B, Speech,Synthesier. Written by a master programmer and professional artist! (SSSD)335.

7946 MISIC PREPROCESSER V1.2 Freeware by Norm Sellers 15 Borset Drive Broccall, PA 19298: Allows you to simply and quickly code up susic. You say code, run, change, rerun and play the soung countless different ways (change keys, coard, minors, etc. has several songs prerecorded. 2(SSSD)616

7547 MILITARY MUSIC (X/B) Auto load 5 songs from the Army, Navy, Marines, & Air Force- Graphic, Color- (SSSD)146

7948 HUSIC 1449 From Chick Defarti 15 musicial programs YES WE HAVE NO BANDARA, REATLES PLAYER PLANTA, REFETHIUMEN METHEW, MUSICAL SCALES, MUSICAL ASSEMBLER, MUSIC DURATION TRANSLATOR, MUSIC MAGIC, PINK PANTHER, SANTA CLAUS, SHEFFARD BLUES, THE STIMS, (SSED) 369

7049 MUSIC #41 From Houston Users Group Most songs has graphics with them and are well written.—CAN'T HELP LOVING YOU, COOL MATER, WINSS OF A DOVE, STAR WAR, GODFATHER SONS, SOND CALLED GREEN, HALLELUJAH, HOUSTON, JUST AS I AM. LOCKING FOR LOVE, MANDY, THE LORD'S FRAYER, MEDDING SONS, CARROL IN THE WILLSHOOD. (SSSD) 303

7558 CHRISTMAS MUSIC BY Jaces Rush Auto runs 19 Christmas songs no graphic. RUDOLPH, SILENT NIGHT, WE KISH YOU A MERRY CHRISTMAS, JINGLE BELLS, FROSTY THE SACAMAN, THE FIRST MEEL, HARROCK COCO AND JOE, JINGLE BELL ROCK, DECK THE HALLS, JOY TO THE WORLD, WHEN SANTA CLAUSE BETS YOUR LETTER, JOLLY OLD SAINT NICHOLAS, O CHRISTMAD TROE, WARK! THE HERALD, ANGELS

DRAWING-GRAPHIC-FICTURE

8869 <u>DRAWING 19</u> RLE 16 MAX/RLE AND DOC. REQUIRED PROCRAM FOR VIEWING AND PRINTING ALL RLE PICTURES, REQUIRES 32K AND EDITOR ASSEMBLER MODULE, LOAD 13 DEXI.MAX/RLE -ENTER- PROGRAM MADE IS START-ENTER-. AFTER PROGRAM COME UP FOLLOW DIRECTION ON SCREEN. (SSSD1311

2591 RLE \$1 1ST_EVA, 1MBUSS, 3_STUCSES, 3DV1EM, ARCHEMS, ALLEN-M, AMDICA, AWA, ANCHUR, AMFURD. (SSED) 355

EMM2 RLE #2 B-CRUSBY, B-LUGUSI, BABY#1, BABY#2, BABY#7, BABY#7, BANANA, BARMEY. (SSSD) 352

ES93 RLE #3 RAMBI, BASKET, BATHAN, BATTLE, BEATLES, BETROOMS, HOMAN, TEN639. (SSSD) \$52

8394 R<u>LE 94</u> BETAGOM2, BELKER, BEN, BILL_MERR, BIRDSFISH, BISSET, BLOCH, BLOCH/MILO, BLOCH/OLI, BLOCH/OPSI, G-JAY. (SSED)358

SG65 RLE #5 BLOCH/OF52, BOSART-H, GREETA, BRINKLEY-C, BROWNCHL, BURNY, CARRIB, VASQUEZ-R, (SSSD) 358

SING, UPON THE HOUSE TOP, HINTER MONDERLAND, THE THELVE DAYS OF CHRISTMAS, LET IT SNOW. SSSD (245

7651 CHRISTMAS SINGS Freeware by Bill W. Knecht 815 Yorkshire Pasadena, TX 77593 14 excellent songs with LEAPHIL AND docs on how each was done. AMBELS WE HAVE HEARD, LIT IT SWAM, CAROLINE, CAROLINE, DECKS THE HALLS, O COME ALL YE FAITHFUL, SANTA CLAUSE IS COMMING, COOD KING WENESELAS, WE WISH YOU A METRY CHRISTMAS, JINGLE BELL ROCK, O HELY NIGHT, LITTLE DRIMMER RIY, O CHRISTMAS TREE, SLEIGH RIDE SSSD (345)

7652 MUSIC #42 PD/MUSIC/A From S.M.A.U.G/99. Runs 16 songs WITH GRAPHIC 25 minutes BEETHOVER AND PLAYER PIANO, CONCERTO #3, FANTASY, FLIGHT UT BURBLEBEE BOOGIE, HOUSTON, HOW MUCH I BOGGIE CALLIDPE, MOONLIGHT SONATA, SHENDOAH, TIE A YELLON RIBBON, TIME IN A BOTTLE. SSSD(352.

7853 MUSIC 443 PD/MUSIC/8 From S.M.A.U.S/99 Runs 9 song with graphic 25 minutes: THE CARDY MAN, MER'S BACH, MORNING MAS BROKEN, MUSIC 80X DANCER, RAINDROPS KEEP FALLING, SMINGIN' SHEPHERD BLUES, TOCCATA, TRISTAN AND ISLODA INTRO, WEIRD MUSIC. SSED(351)

7654 NUSIC #44 PD/MUSIC/C From S.M.A.U.E/99 runs 10 songs with graphic 25 minutes: BACK JESU JOY, BERCEURE, BORN FREE, CHAPIN OPUS 10 43, THE GODFATHER, THE RAINBON CONNECTION, SIERRIEDA FUNERAL MARCH, STRAUSS \$1, YESTERDAY, YOU LIGHT UP MY LIFE. SSSD (335)

7655 MESIC 445 PD/MESIC/D From S.M.A.U.6/99 runs 11 songs with grap. — 27 minutes: ALLEY CAT \$1, FLIGHT OF THE BUMBLEBEE, GUITARS, HEME IN DREAMS, HOT LINCH JAM, KINS COTTON MARCH, MAGIC SQUARE MUSIC, O'TANNERBORN, PETER GIAN, SNOCTY CHRISTMAS, STARS AND STRIPS FOREVER. \$550(357)

7956 MISIC #46 PD/MISIC/E From S.M.A.U.G/99 runs 10 songs with graphic 39 minutes: ALLEY CAT #2, GREENSLEEVES, HOUSE OF THE RISING SUN, KOJO NO TRAKI, SEEING NOLLIE HOME, WHEN THE SAINTS GO MARCHING, SAMARKAND, SPACE ADVENTURE, SMEET AND LCW, WILL WOOD FLOWER. SSSD(350)

7957 MUSIC #47 JP/OH/MUS From S.H.A.U.6/99 runs 13 songs with ghaphic 35 minutes: ALLEY CAT II, FLIGHT OF THE BUMBLEHOOD, GREENSLEEVE, HOWE OF DREAMS, HOUSE OF THE RISING SUN, CASTLE RUINS, MUSIC BOX DANCER, FETER GURG, SCEING WELLIE HOME, SAMAPKAND, SHENAMBOOM, WILLYHOOD FLOWER. SSSD(213)

886 RLE 16 BULLDOG, C-EASTWOOD, CARTUN, CASEY, CATS, CAVEGL, CBPIX1, SANTA, WEATHER. (SSSD) 356

8897 <u>RLE \$7</u> CBPIX2, CBPIX3, CELTIC, CHAIR, CHALNGER, CHEKOV, CHESSMEN, CHIPMUNK. (SSSD) 347

8988 <u>RLE 18</u> CHRISTA, CHRISTI, CHRIS, CINDI, CITY, CLIMAS, COKE, COMPUTER, CORSOLE, CONSOL, CORVET, CLIVE. (SSSD) 359.

8029 REE 19 DALEK, DANSFRED R, DASHERIFFI, DEAM I, DEATHEAD, DENSUME, DISHEYI, DISHEYLOGU, VAMPI. (SSSD) 348

801S <u>RLE 019</u> DOG, DOM/DUCK, DOBSLAS-K, DOLGLAS-M, DR-HHO, DRASON, DRAGONO2, DRAGON1, DRAK, E-FLYNN, R-PRESLEY. (SSSD)366

8511 RLE 111 DRESSER, DROP, DUCK, DUNE, EAGLE, EARDHE. (SSSD) 348

8912 RLE #12 EASEL, EERERT, EINSTEIN-A, EIREPARK, ELVIRA, ENTERPOOP, ENTERPTISE. (SSSD) 337

8013 PLE #13 ENTERP, EVILFACE, FAIRLY1, FAIRLY2, FAIRLY3, FAIRLY4, FAIRLY5. (SSSD)351

8914 <u>RLE #14</u> FBI1, FBI2, FBI3, FBI4, FBI5, FBI6, FBI7, FBI6, FERRI, FISH. (SSSS)335

GERSHEP, GETSOLRHAX. (SSSD) 345

8917 RLE \$17 (X-RATED DISK) FLUFFY, GIRLB, GIRLS1, GIRLS2, GILRS3, GIRLS4, GIRLS5, GIRLS6, MURPHY, MUDE3, MUD44, MUDES, MUD6. (SSSD) 354

8818 RLE \$18 GLOVAL, GODZILLA, GCCFY, GREEKRUINS, HANDSTRAH, HEDRY-K, HILLSTRAI, HILLSTRAI, HULSTRAI, HUUSE, HUNDY, SCRENERY (SSED) 356

BB19 R<u>LE \$19</u> HUNTER, I—SPY, INDIAN, J—HANSFLD, JEDNA, JOYLEAF, KADAFY, KALIGP, KARATE. (SSSD)338

8826 RLE #29 KENT-C, KHAN!, KINSTALICE, KOJO, L&H, L-KENDY, LAUNCH, LEDZEP, WALL, WARGIRLZ, WEEKND. (SSSD) 356

8821 RLE 821 LADIES, LEM, LINCA, LINCAL, LUGU, LYBOIDS, MAC, MADCHMA, MANNOTH, MARLEN, W-DISNEY. (SSSD)352

8922 RLE 922 MATHART, MCAULIF, MCCOV, MERCURY, MERLIN, MEH, MICKEY, MICKEY2, MIDDLE. (SSSD):349

9923 <u>RLE 923</u> MILO, MINI-4, MINHAYDOLL, MMU, MODMARK, MORGAN, MOUSE, MCGSEL, MACHINGTN-6. (SSSD)356

8824 RLE 824 MUSIC, NASAMAP, NATALIE, MEEDLE, NELMAN-RE, NERMAN, NICHOL, NINJATURTU, ODEAN, STY. (SSSD) 350

8025 RLE #25 OLIVER, CNI-MASK, OPUS, OPUSZ, ORBIAS, ORBINAL, OUI/COVER, PARUDA, PAM, PELICIAN, PERBUIN, PLAYBOY, MEATHMAP. (SSSD)338

8926 RLE \$26 POPCHASER, PORCUDINE, PYRAHID, QUAIL, R-MAN, R-REAGAN, R/HORROR, RADIOTEL. (SSSD) 337

8927 RIE #27 RAILING, RALFH, RICKMLINDA, RICK1, RICK2, ROBORANDI, ROBOTECH94. (SSSD) 357

8928 RLE \$28 NOBOTCH95, ROCKETS, ROCOT, ROCKEY, ROY, RUINS, SAILSCARD, SAILY, SAN-EAGLE, SARAH-F. (SSSD)338

89729 RIE \$27 SANGEANI, SATURN, SCUTT, SCROOG, SUFI, SEER, SELLEVK, SHEKKS, UMATER, UZI. (SSSO)337

8833 R<u>LE 938</u> SHEPARD, SHIELDS-B, SHOM, SHREDGER, SHODPYI, SMEPYZ, SHOML. (SSSD)337

8831 R<u>LE \$31</u> SHUTTLE1, SHUTTLE2, SHUTTLE3, SHUTTLE4, SKYLAB, SPACE2, SPACEARN, SPACETEL, SPACEWALK. (SSSD) 333

8852 RLE #32 SPCSTATION, SPCALK, STARI, STARZ, STARZ, STARA, STARTREKOS, STERWARSZ, UHURA, WOCKIE. (SSSD) 294

8#33 RLE #33 SPRING, STALONE, STARI#X, STEVENICKS, STREET, STRIPE, NENDY-O, WALES. (SSSD)347

8834 R<u>LE \$34</u> (X RATED DISK) SCCUBS, SLAWIT, SUSAN, VENUPIC, WINDOW. (SSSD)212

SUSS RIE 135 SIN, SHASH, SHOFFICHT, TAYLOR-E, TEPPLE-S, THEKINS, TISERI, TISERI, TISERI, TINA. (SSSD) 357

8636 RLE 636 TKZ, THRIT, THRIT2, TWODNARM, UGLYALIEN, UNCLEBURNY, USEMAY. (SSSD) 349

8037 RLE \$37 VAMPIRE1, VAMPIRE2, VF1A-SHIP, VIPER, KODDLAND. (SSSD) 272

8838 LOGO #1 FROM "YDLING PEOPLE LOCO" 3RD, AIRPLANE, EVAN, MIA, MIDSCH, SHOM, 1ST, 2ND, ALPHABET, BALLOON, INSTRUCT, LSPREAD, MARS, MATHOUIZ, MISSCAM, MISSCAMI, PL, REM, REMARKS, START. (SSSD) 355

8839 LOGO 62 FROM "YOUNG PEOPLE LOGG!" BOMBS, CONVOY, DALLAS, FISHBOMA, BROUP1, BROUP2, BROUP3, BROUP4, HORSE, KICK, PRACTICE, PRESCOOL, SOL, START, TS, W, CATALOS. (SSED) 339

8849 LOGO 13 FROM "YOUNG PEOPLE LOGO" CABLE, CILLMBIA, DALLAS, DYNATURT, FLYAMAY, LANDING, ORBIT, RACEL, RACE2, SEPARATE, SKATER, STORM, VDAY, DRAM, FLAKES, LSPREAD, START. (SSSD)347

8841 LDSO 44 FROM "YOUNG PEOPLE LOSO" ACTION, ANCIP, BALL, BIRD, COLLECT, DRAGON, ESPANOLZ, KITT, LOSOBOAT, NUMERO, SHAPROCK, SHUTTLE, AMAZING, CIRCLES, DRAGON, ELLIPSE, FACE, HANGI, MISSCAN, MISSCANI, SHAPES, SPELLING, SPORTCAR, START, TALK. (5550)356

8642 LOGO 85 FROM "YOUNG PETFLE LOCO" BLOCKS, CHOSP, COLLIDE, DANCE, FISHING, MENTANA, SHOW, XCATALOG, GEARS, BABYTOY, BALLOH, CJ, CABIN, CHRISTMA, CIRCLESI, COME, CLRVES, BONET, ERY, CALACTIC, GEARS, HILLS, LOVE, SENTENSE. JSSD) 354

8#43 LOGO 16 FROM "YULNO PEDPLE LOGO" APOLLO, AFOLLO22, FROSO, HANDI, ROOSTER, CATHOLDERS, COMPRESS, DISKLIST, DSKSORT, MERCE, ENSLISH-FRENCH, INSTANT, ISD-DEPO, LOGOFILE, MATHQUII, SINSKENT, START, SUSURBS, TRAIN, TRIDEMO1, XLOGO, RAMSORT, SEGMENTER, SHRINK. (SSSD)346

8844 LOSO #7 FROM "YOUNG PEOPLE LOGO" COPYRGHT, DESIGN, NOTHING, QUIT, USA_FLAG, DOCTOR, ENTRE, LIST, MEMBER?, PICK, PICKNOD, QUIT, RAND, SUBST, SHRINK. (SSSD)123

8845 LOGO 48 FROM "YOUNG PEOPLE LOCO" ALL, BASKET, SATTINS, SRUCELEE, GALLERY, PLANE, SHOW, SKATING, SOCCER, BALLORN, BEAT, BIKE, CABIN, CANDLES, CROSS, GALACTIC, HELLO, JET, MY, PICKUP, GUIZ, SCROSS, START. (SSSD)310

8846 PRINT ART 11 19 DRAWINGS, CALENDAR, ANDY/CAPP, CORDAN/CALENDAR, DAVID, DAMA, FLYING ACE, HOLLHOBBIE, HIRK, LINUS. (SSSD)347

8847 <u>Print art 12</u> 12 Dramings Mickey House, Pac Man, Phanton Jet, Pinkpanthor, Pluto, return of the Pink Parther, Schroder, Snoopy/Blah, Spock, Treetie, Valentine, Karm Puppy. (SSSD)343

8548 PRINT ART #3 POSTER SIZE PICTURES CIRLIE TYPE X-RATED. (SSSD) 341

8849 PRINT ART 64 POSTER SIZE FICTURES-TREKIE ENTERPRISE, KIRK, SPOCK, STARTREK, ETC., (SSSD) 139

8056 BANNERS \$1 1/B, PRINTER- 3 EXCULLENT BANNERS PROGRAMS, SELECT HEIGHT WIDTH CHARACTERS STYLE, ETC. (SSSD)75

8851 <u>Large SIX Foot</u> Banker "Season Greeting" and Refry XNAS with Picture OF Santa. 2(5550)561

8952 GRAPHIC #1"FROM ENGLAND 9 PROGRAMS WITH SPIRTS. (SSSD) 283

8653 GRAPHIC 12 FROM CERTARY HIGH RESOLUTION BY APESDET - MANY GRAPHIC DEPOSTRATIONS OF WHAT THE TIP9/4A CAN DO. (SSSD) 129

- 2054 **JEHIST* From Stephen Shaw :Disk full of various geocentric Shapes and forms. Pictures can also be drawen in hi-res pictures in bit-map mode. Both can be saved or printed. The files names can also be loaded into TI ARTIST or MAX/RLE by adding "P" to the file name. (SSSB) 297
- 8555 FRACTAL EXPLORER V2.80 Freeware by Steve Langguth 2965 Scuth Barnes Springfield, NO 63894- E/A 43 DSKx.FRACTAL Creates multicolor fractal funusal designs) isages. 2(SSSD)471
- 8554 SIFER SETTER BANNERS V2.7 Freeware (donorware) by 8 Falkin & J Asenas 326 Glen Way Fillmore, CA 93015: A banner program that can work with all TI compatible printer. Fonts are loaded from disk so you can creat your own character sets. You can also create your own graphic 8X8. 16 predefined graphic are also on disk. 2(5550)372
- 8857 INSTANCES Freeware by Howard Usan 3913 Sybil Rd. Randailstown, MD 21133: 57 Artist Instances APPLE BASEBALL BIPLANE BIRD BRUSH CARRON CAR CASSETTE CHAMPAGN CLOCK COME COMB COPTER CROSS DISK DRUM FLAG FURK FROG SLOBE HELMET HORSE HOUSE INSRAM IRON JET KNIFE LIGHT MINIPP NOTEPAD KNIFE PAW PIN RIBBON SAILBOAT SHIP SHUTTLE SIGNAL SHILE SKOOPY SFOON STAR STERO STOP SWITCH TANK TAPE TARGET TELESCOPE TENNIS TRUCK TRUMPET TV UFD VISA (SSSS) 345
- 9958 INSTANCES & From Henry Hein 25 pictures for TI Artist in DIS/VAR 86 format. APPLE BIRTHDAY BIRTH BUSBLY BUARY BUTRFLY CANDLE CAT CLOCK COMPUTER CEPASALC CLPID DOS DOVE DRUM FLOPDISH GRADUATE HEART HOUSE ICECREAM JACKOLAN LITEBULB MEMORAH MOMERBAS MOTES (SSSD) 359
- 8359 INSTANCES \$2 From Henry Kein 25 pictures for TI Artist in DIS/VAR 88 format. DLDCGR GLDTRAIN PATTERNA PATTERNB PERPAPER PIANO PIG PRESENT QUESTION ROBOT ROCKET ROSE SAILBOAT SCALES SKOLL SPACE SUN TEDDY TOPHAT TRUFFET TURTLE WEDRELLS WREATH KNASTREE YINGANG (SSSD)355
- 2868 INSTANCES #3 From Henry Hein 23 pictures for TI Artist in DIS/VAR SØ forgat. ABE BABY BAND BEACH BINGS BOOTS BONE CATE CASHBOX CHEM CHIP CHOPPER CITY CREST DEREST DECTOR BOLLAR DRAFT FOOTRALL SECREE GET_WELL SOLF BUITAR (SSSD) 345
- 8361 INSTANCES 34 From Henry Hein 24 pictures for TI Artist in DIS/VAR 836 foreat. INSTANTS JET KEYBDARD KING LIBERTY MAP MICROPHON MICSOPE MORSE MOVIE NEEDS MURSE PHARCH PLANE RATER STORE SHERLOCK SHIP2 SHIP SIESTA SKI STAND TRAIN HISH (SSSD) 351
- 9862 INSTANCES NS From Henry Hein 22 pictures for T1 Artist in DIS/VAR 88 format. CHES CHISEL CLOWN COUKING DRAFT ELECTRAIN ENGINEER GAS BLEANI GLEANINGS IOS JUKEBOX KNIT MASCH MECHANIC PAINT PATTERNC PATTERNO PATTERNE PATTERNF PATTERNF PATTERNF (SSSD) 349
- 2563 INSTANCES No From Henry Hein 14 pictures for TI Artist in DIS/VAR NA format. PATTERNI PATTERNI PENSUIN PLIMBER POT SEW SPOCH TOOLS TRACTOR TURKEY WASH WELDER WOODWORK WORLD (SSSD) 293
- 8864 <u>GRAPHIC #1</u> From Amnion 14 Braphic and Desos programs in Basic or Extended Basic. BASIC DEMO, CHRISTMAS, USA FLAS, HARMED HOUSE, KALEIDGSCOPE, JOB COST, ENCOPY, SEMIORSE, PINK PANTHER, SHIP, ENCOPY CHRISTMAS, VALENTINE, FISHING, ITT SAYS, (SSED) 357
- 3865 SRAPHIC #2 From Amnion 18 Graphic and Demos program in Basic or Extended Basic. STARS, LINE, MAZE, SINE WAVE, COLOR BURST, BURNY, PATTERN, CARDS, RHODE ISLAND, MYCHING, NEW NEXICO, VISIONS, OHIO, INDIANA, TEXAS, ARITHMATH, GRAPHS, COLOUR, MALLOWERN (SSSD) 339

- 9866 GRAPHIC #3 From Amnion 18 Graphic & Decos program in Basic or Extended Basic. STATS, LOWER CASE LETTERS, MAZE MAKER, PRINTED MAZES, COLOR CRAYON, VERY LARGE LETTERS, SAFETY, COLOR COMBINATION DISPLAY, SNOPPY #2, SIGNS, KALEIDOSCOPE, (SSSD)327
- B967 GRAPHIC #4 From Asmion 17 Graphic and Demos programs in Basic or Extended Basic. TICKER TAKER, DIANCEDS, H.C.M. TITLE SCREEN, MEMORY MAZE, CALENDAR, INK BLOT, CHRISTMAST SCREEN, FREGERICY TEST, RANGEM CHARACTER GENERATOR, SPRITE DEMO, MOTHER GROSE, 3 SCREEN DEMO, ROBOT JOKES, MIRRORS, STANFIELD, SPEECH GENERATOR, AC/DC, (SSSD) 327
- 8%69 CRAPHIC #5 From Amnion 11 Graphic and Descs in Basic or Extended Basic. CABOUSE, KMIK DRAM, KALEIDSCOPE, SPRITE BUILDER, PATTERNS, SCORPID'S CASTLE, EASEL, II MARQUEE, GRAPHIC DESIGNER, NIGHT BEFORE CHRISTNAS, COLOR CRAYON II. (SSSD) 346
- 8869 GRAPHIC #6 From Amnion 9 Graphic and Demos in Basic or Extended Basic. SPRITE DENO, ENTROPHY, DRAW 'N COLOR, GAME DENO I, CHUC-CHUG, ELOBE, DOOLES, DOLOR DHAW, SPACE SHUTTLE DENO, MAGIC PENCIL, CHYRACTER DESIGNAR, FLACS OF EUROPE, HI RES PLOTTER, (SSSD) 338
- BASIC GRAPHIC 87 From Agains 15 Graphic and Dessa in Basic or Extended Basic. NEW YORK FARTASY, GUICK SPRITES, SPRITE WORKSHEET, COUNTRY RACING, EYE CLITTER, RANDON CHARTEMERS, DEFENCER, BOXES, GRAPHICS FROGRAM GENERATOR, ALABAMA, MICKEY HOUSE, COMPUTER DRAW, STAR WAS, BITREPRISE, MCXY, (SSSD) 371
- 8871 CRATHIC NO From Amnion 13 Graphic and Decos in Basic or Extended Basic. SPRITE BUILDER, THE ELECTRONIC MEAVER, THE CAMADIAN FLAG, SPACE SHUTTLE, BUILDING BLOCK, SPRITE DEFINITION, CONFURND, MATH PLOT, (5550) 331
- 8872 GRAPHIC 49 From Amnion B Graphic and Demos in Basic or Extended.
 PAINT BRUSH, AMMIVERSARY, CIRL BOWING, LINES, SRAPHIC CODE GENERATOR, (cataloger editor lines indexer joystick data rulemaker titlewaker) SPRITE VIEWER, CARDS, (SSSD)345
- 8873 CRACHIC \$12 From Amnion 5 Graphic and Demos in Basic of Extended Basic. MARILYN MCMROE, ED'S SPRITE EDITOR, SPACE SHUTTLE, STAR WAR, 80%, (SSSD)333
- 8874 <u>SPAPHIC #11</u> From Amnion one large program about making LIMES (SSSD) 268
- RMFTS TASS VI.W Freeware by Gary Bowers 432 Jarvis St. Suite 502 Toronto,Ont. Canada, M4Y-2M3 This is for making a slideshow of your TI-ARTIST or GRAPHX or DRAW-A-BIT II or RLE'S pictures. Fully automatic will display the pictures on up to 4 disks in fast order. Excellent for displaying what picture is on a disk. (SSSD) 336
- ABTA <u>PIC-CAT</u> Freeware by Dave Ratcliffe 2832 Croydem Road Marrisburg, PA 17164. A program designed to allow you to catalog disks with mixed TI-ARTIST files. Sorts by type FORT, INSTANCE & PICTURE. After sorting the files can be printed. (SSSD) 55
- 8077 ARTIST-PIC 14 TI-ARTIST pictures in color. 99ERS, BEATLES, CHART, COMPUTER, EARTH, EVE, EYEZ, FORTH, BRID, HUEBERT, HOWARE, PATTERN, SHIP, RAINBOM. 2(SSSD)763
- 8078 ARTIST-PIC 10 TI-ARTIST pictures in color. SEA, SKULL, SMAIL, STRAMBERRY, SUR, TARDIS, II, TREE, TREES, VOLCAND. 2(SSSD)560
- 8579 <u>CARTOON KIT</u> By Tim O'Neil To be used along with II—ARTIST. A "cartoon kit" that is useful and fun for adult and child alike. You too can draw cartoon characterss with a little help from the Instances and Slides on

this disk. PICK a BODY, then add MOUTH, MOSE, EYES, EARS, HAT from the samy choices and gut them where you want. (SSSD) 176

8889 ANIMATOR Freeware by McCann Software P.O. Box 34168 Obaha, NE 68134. Make your cwn animation by drawing Frames and Mats then show them in slow or fast action. Very well done. Demo included (SSSD) 225

8381 <u>SKETCH MASTER</u> By John Miller. 2458 Transit Ave. Anaheis, CA 92894. This is a Drawing program written in Mycove Forth, run only with MYCOVE FORTH disk. An excellent fast drawing program. (SSSD) 298.

8882 GRAPHIC \$12 From Steven Shaw 18 Alstone Road Stockport, Cheshire England SK4 5AH. A 2 bit sap drawing program from France the resulting picture can be seen with either Max-Rle, TI-Artist, or Graphic, can also be duaped to a printer. This programs draws pictures from mathematical funtions. (SSSD) 326

8983 MATH ART #4 E/A Ith program- updated version- program will copy, has over 30 Graphic desc, fractals files, prints, clock, Etc (SSSD)360

8884 SPRITE BUILDER Freeware by John Taylor 2179 Estaline Drive, Florence, AL 33630. There aust be a <u>lot</u> of good programming going on in Florence, Alabasa—or else ay information is wrong. If you are in need of help to construct some fantastic sprites, this is the one for you! DSSD (669)

8985 <u>ENSYSPRITE</u> Freeware by Ica Freeman 515 Alaa Real Drive, Pacific Palisades, CA 98272. It is an extremely fast Extended Basic program so that

LA99 GAMES

9801 <u>GANES #1</u> FROM RAY KAIMER SFV USER &ROUP, - BALLOON VOYAGE 2, BLACK BOX, COSHIC GUNS, CROSS REFERENCE, BODGE EH, DUCK, HELICOPTERS ATTACK, HCPPY, INSANITY, KILLER CRABS (SSSD)326

9992 GAMES 42 FROM BAY KAZHER SFV USER SROUP. - LOST RUINS, MELT DOWN. PUPPYTOWN 2, SCREEN MAP, TREASURE ISLAND, TACOMAN 2, THE FLY, TITAN 2, YAMTZEE (SSSD) 394

7993 64765 83 FROM RAY KAZINER FROM SEV USER GROUP, - BOTH 2691 AND 2695 CN A DS/SD DISK, SEE ABOVE (DSSD) or 2(SSSD)613

9384 <u>50455 84</u> FROM BHELAMO,— BATTLESHIPS, BEETLE WALK, BLACK BOX, CRAZY CLIFF, GREEDY GREEN GRABBEERS, **9+BONO**, QUASIMODO, SUPER JACKPOT, TROGNAN, ZARQUON (SSSD) 337

9995 GATES \$5 FROM ENGLAND, - BEETLE, BOALS, FORCE ROUTE, KAMIKAZE, PURPETT, RACING RIVER, SPRING HEEDED JACK (SSSD)319

9896 <u>GANES 86</u> FRCH ENGLAND, - PATECRAM MISSION, QUASIMODO, R32/2, ROBIN 16K, ROBIN 32K (SSSD) 288

9907 GAMES \$7 BRAINS GAMES,- 1800, 3D TIC TAC YOE, ADD MAGIC, ARITH, AMARI, BAEELS, CHARD, DIGITION, FOUR IN A ROLL, GOINS HOME, GONDKU, IQ MATH, MATH PEZZLE, ONE CHECK, ONE TO FIVE, OTHELLO, SPINX, Z-END (SSSD)265

9998 SAMES 48 KIDS GAMES, BUILDING BLOCKS, JAMES, KNIK DRAW, MARKHAN, MATCH THEM, HAZE, MISS MIFFET, MOUSE MAZE, CH! NO. PI-RING, RIBBIT, SCHOOL DAZE, SHAFE ART, SPIDER AND FLY, TURTLE HCP (SSSD) 349

92697 GAMES \$9 BRAIN TEASER GAMES,- 15 PULTLE, CODE BREAKER, CROSSHORD, MARQI TOKER, MEXAPARAN, UNDIANS, LAST ROBOT, MASIC SQUARE, MOUSE MAZE, PULTLE, QUEEN, ROTATE, SHOOT STARS, SUFLES (SSSD) 3597

you can create sprites and have complete cursor control. It is SIMPLE to insert them into that program you are writing. SSSD (125)

B&966 2D/CRAPHICS Freeware by Jean Pierre Morin TI-forth Ottawa U.G. 25 Amprior, Ontario, Canada K7S 1M7. A very powerful Graphics program with many pre-defined functions and a full implementation of TI-Logo built in. Send a DSSD or 2 SSSD disks for this one. DSSD (718)

6897 FORTH DANN Freeware by Barry Comer 2 Cleveland Crea. Dartemuth, Nova Scotia Canada 83A 216. Can use X/B E/A M/M. Use Joystick to draw in Mycove Forth. Can save to disk .SSSD (154).

8888 <u>FAST SCREEN</u> By Bill Harms- Draw or Create your own design on the screen by useing the keyboard direction keys. Design can be printed. (SSSD)247

8889 SIPER SWPE Freeware by Stock Software 2211 4th Ave. N Smand Forks, NO 58201 - Edit shapes (charackters), printing of shapes and hexcodes to printer or disk. SSSD (29)

8879 HOODSTOCK Freeware by Ray Kazmer 13225 Azores Ave. Sylmar, CA 91342 A very cute DEMO the graphics and action will assaze you. All about Snoopy leaving a Christmas present for Moodstock. Great for all ages. 5580(75).

8991 ART From users Group : Great graphic programs using E/A #5. Displaying great pictures. Antenter, Bear, Com. Elephint. Frog. Giraffe. Horse, Weasel, Xerus. SSSD(237)

9919 <u>GAMES #19</u> FROM AMMION,- BIBLE I, BIBLE II, BLACK JACK, CARS AND CASCASSES, CIVIL WAR, CRAPS, GUESS PHRASE, HANGMAN, LUNAR LANDER, MASTER, SEDRET MUMBER, MONSTER, OBSTACLE COURSE, FONY. (SSSD) 368 .

9911 GANES 411 FROM ANNION, - PRESIDENT, SAILING, SCHOOD, SIMON 1, SLOTS, SLOT MACNINE, TABOT CARDS, TIC-TAC-TOE, MATCHLP, MUSHAPUS, TREBOND, TI-MARS, CAPTURE, (SSSD) 354

9912 <u>GAMES #12</u> FROM AMMION, - DESERT, CRAZY LINES, NATCHES 23, ROAD RACE, WALL STREET, HAMMRABI, INDIAN, LANDING, SHOTTOUT, TOURING, SEMBLE THE NOISTER, CANNON, STAR FIGHT, STARS. (SSSD) 349

9913 <u>GAMES \$13</u> FROM AMMICH, - LIFE, CODE BREAKER, CAYEL, ENGLISH TERMIS, U.F.O., CARMARS, MAMPUS \$2, MORDSEARCH, AIR & SEA BATTLE, AMIMAL (SSSD) 355

9914 <u>GAVES \$14</u> FROM ANNION, - CHECKERS, DUCKSHOOT, FRENCH TENNIS, SOLF, HEXPARN, QUEEN, SQUARES, DOCKING, ARTILLERY, DRAGON MAZE, SCHOKO, OTHELLO, ROBOT. (SSSD) 356

9915 <u>GAVES #15</u> FROM AMMICH, - SINKING SHIP, GURNERS, LANGER, LOGIC, ONE ARM, RANDOM, SMITCHES, VERBUTOM, LAPIDS, MORSTER COMBAT, ROBOT CHASE, TANK ATTACK, THE CHASE, FOUTBALL. (SSED) 316

9916 <u>BAYES \$16</u> FROM ARMION, - ISLAND, J.C.L. SQUARE, KING, LEXICALITY, PUZZLE, THE A BALL, DOPTH CHANSE, GOING HOME, MIMBER AMAY, AMARI, ONE CHECK, AIR COMBAT. (SSSD) 343

9817 GAMES \$17 FROM ANNION,— BATTLE FOR TAPETUS, SCORCHER, ALIEM, DEEP SPACE, SPLAT, WHITE HOLES, LINE UP, HERT THE SWARK, DEATH TAWKS, BONKERS, HELICOPER RESCUE, SPACE SHOUT, MOTOR CROSS, HANSHAM SPELLING. (SSSD) 356

9018 GAMES #18 FROM DIMICH. - CHECKERS #2, DICE, HOME RUM, ECHO CHAMBER, MENO, CASEM MARK, THE LUCAS FROBLEM, MATCH CAME, BATTLEEHIP, STELLAR, STAR BUARD, STOCK MARKET, BOXING. (SSSD)327

9919 GAMES #19 FROM ATMION. - IN BETWEEN, TIME BOMB, DOMINGES, GRBIT, MINEFFELD, MINER, SCRAMPLE, KNIGHT, PHYSCHOLOGY, CONNECT FOUR, SOLITARIRE, DOSEN, SPACE SCOUT, SUPERIAN, MOTORCYCLE JUMP. (SSSD)352

7929 <u>GATES \$29</u> FROM ATRILUN, - BATTLERS, NUMBO, YAHIZEE ZB, ROUSE IN A TRAP, ALPINE SKIING, CONNECT THE DOTS, ACEY DUCEY, BLACK BOX. (SSSD)324

9921 GAMES \$21 FROM AMMICN,- 3D TIC TAC TOE, BOMB SCARE, DRACULA, KHIGHTS TOUR, MARS LANDING, SWORDS & SORCERY, DEVILS DUNGEON, BLOCK'EM, MAVIGATE, MONSTER CHASE, MAN EATING RABBIT, TAIL, TAILIB, EXTENDED BLACKJACK, ROCKET LAUNCH, SPANISH BATTERSHIPS, ROULETT II, SKI SLOPE. (SSSD) 355

9922 <u>SANES #22</u> FROM ANNION, - FLYING SPRITES, KISYET, MUNCH, ROBOTWARS, CLOSE ENCORNTERS, FIRE, SAD FACE, NOT ONE, POKER, CRAZY CLOWN, COOTIE, OTHELLO II, PIN THE TAIL, SMILY, SPACE SEM, CODE BREAKER. (SSSD)343

9023 <u>GAMES \$23</u> FROM ANNION,— ISOLATION, SCORE 4, IMPERIOL LANDING, SPRITES 2, TREK, CHICKEN HELPER, RESCUE CHALLENGE, ALIEN, PART TIME, CONCENTRATION, EEG WARS, TRENCH, WARFISH, ANT WARS, TI COSFIGHT, CHICKEN \$2, DRAGON HENT. (SSSD)346

9824 6AMES 324 FROM AMMION, ALTEN 3, AUTURAMAN, AMMULO, STANDOMSER, S/A MISSILE, EXTENDED SOLF, BACCARAT, HOT DOG, SPACE VENTURE, TANK SHOT, ZAN QUEST, DOG RACE, SLITHER, AIR TRAFFIC CONTROLLER, ASTEROID, WASCN WHEEL, WALK IN THE HOODS. (SSSD)349

9925 <u>Sames 925</u> From Amnich,— Space Command, Cube, Largo Downs, Tank Race, Cross Ropd, Dimension Doors, Cat and House, Potendt, Space Duel, Spacesar, Asteroid Belt, Traks, Party Banes, Clones, Invasion, Indy 509, Space Buard, Alien Destroyer, Space Attack. (SSSD)345

9926 <u>GAMES #26</u> FROM AMNION,- BI BOMBER, DIECKERS, CROSS WORDS, FAST BLAST, ERAVITY, ISLAND JUMPER, LIMAR LANDER, NAVIGATE, SPACE CHASE, TI WARS. (SSSD)313

9927 <u>GAYES \$27</u> FROM ANNIGH, - BANDIT, BLOCKADE, BUSS SPRAY, DESTROYER, DICE, DOORSTONE, AVOID THE GHOST, GCBELER, NEW HAMSMAN, ON PATROL, AT THE RACES, RUBLK'S CURE SIMULATION, UFO RACE, VANPIRES. (SSSD) 348

9028 SAMES 428 FROM AMMION, - THE AIRPLANE SAME, ASSASIN, AT THE RACES, CAPTAIN CRUNCH, MAD CHEMIST, DRAW POWER, KNOCKOUT, MOON DAGE FALLOUT, BALANCINS THE SCALES, SHOOT THE STARS, TIC TAC DOLLH, TIC TAC TOE, VICTORY AT SEA, WITCH MOENTAIN RALLY. (SSSD)349

9929 GAMES 129 FROM ANTHON, - ADVENTURE, BACKGARNON, BASE ALERT, BATTLEGROUND, BOYS AMAY, CATCHING THE COMPUTER, DARTS, SLAY THE DRAGON, FOOTBALL, INSANITY, INVASION MAVE, LANCER, MALLIB, MONEY TREE, RESCIE CRAFT, SCHOOL DAZE, SPACE MONT, TANK COMMITTED, BACKGARNON. (550) 348

9938 <u>Games #30</u> From Ammion,- "M", Chase, Gamepack, Graphics adventure, Match a Pair, Momefield #3, Pente, Space Pick up, Maze craze stranded, Sub Hatt, Time Botts, The Hungry Turtle. (SSSD) 355

9931 'GAMES 931 FROM ANNION,- SPACE BERSERKER, BIBLE BUZZ, CARMASH, CRAPS, SAME OF DICE, FALLING, BLACK FUREST, PEUPLE PLACES PHASES, HEAVY METAL, LASER ASSAULT, MAGIC NUMBER, PI RING SQUAD, SCRABBLE, SPACE CROEAL, TARGET PRACTICE, THRUMAY, BURIED TREASURE. (SSSD) 355

9932 GAMES #32 FROM ANNION, - ALIEM RAIN, SMOKEY'S BANDIT, BOMB ADVENTURE,

DRAW A LINE, DUCK, HARKSAW CONTON, HICHER LOWER, I HUBBIT, INVASION SLEET, HIX'EM AND MATCH'EM. SPACE PATROL, P.O.H. RESCUE, SERPENT AND SYMES, SPIROS, STOCK MARKET, TAIL, U/SOAT CHASE. (8550)356

9833 <u>GAMES \$33</u> FROM ANNION, - THE MYSTERY MORD, ALIEN DUEL, COLOR CODE, CONNECT BY FOURS, CUPID'S ARROW, DEALER'S CHOICE, DROID, HANDROID, METEOR SHOWER, SUPRA, TREK, WARPOUT. (SSSD) 355

9834 <u>GAMES \$34</u> FROM ANNION, - BLACKFISH, BRIDGE GUARD, FREEHAY ESCAPADE, FROMAN, KRAZY KOALA, LUNGR LANDING SIMULATOR, MINE TRAP, PARAMEDIC, PLUNDER, SHOOTING GALLERY, GRAND SLALOM, PICK UP STICKS, STORYTELLER, SUBHINTER, TI-EGOM, TREKKIE. (SSSD) 318

9035 <u>GAMES #35</u> FROM AMMION, THE APPLE TREE, BIRDSTOPM, DAD CHARACTER CREATION, JACKASS DERBY, THE GWASHER, THE TOWER OF HAWOI, KABOON, KIDNAPPED, MICROJAWS, PINOCKE PARTNER, SUB SEARCH, TIMEBURB, TRUCKER, UP SCOPE. (SSSD)350

9836 GAYES \$36 FROM APPLION, - APOLLO LANDER, ASTRO BATTLE, BOXING MATCH, THE CONFLICT, CONNECT FOUR, DEFENCE, LEAP FROCCER, HALLHAYS, LUCK YOU, POTSHOT, THE PROSPECTOR, PYRAMID, SKI KEEKEND, SPACE KUST, STARSHIP, SKEETSFOT, TASK FORCE, TROS. (SSSD) 351

9937 <u>GAMES #37</u> FROM AMMICH, - ALIEN BUSTER, ART AUCTION, NEW BLACKJACK, CAVE ADVENTURE, FRAMER JURN, SPACE FLIGHT SIMILATOR, JOHSTING, HETEOR RAIN, STARGATE MISSION, WORD A CRAM, WORD DICE, HORLD WAR I. (SSSD) 326

9038 <u>SAMES \$38</u> FROM AMMION,- ASSIGNMENT 46, BACKGAMMON 18, JUNPING BEAM, CORRAL, DEATHBALL, DURK, LOST DUTCHMAN'S COLD, JAWS, MONEYMAN, SPACE MONSTERS, THE MAZE OF VERSAILLEGS, SPACE SCOUT. (\$590)366

9039 <u>GAMES \$39</u> FROM AMAJON, - AIM, TOWER OF BABEL, MONSTER CHASE, CHOPP, COUTIE XB, FIRE ALERT, FIRELIGHT, THE HUNTER, PALEOLITHIC MUNTER, MADLIB 11, MAMAREI, BASIC POKER, THE DRUNGEN SAILER, SPACE SCOUT, NIMBLE STICKS. (SSSD) 345

7946 GAMES 846 FROM ABBIDDA, CHUCK A LUCK, CALIFORNIA FREEMBY, MORTH SEA ACTION, REBATTA, TURTLE RACES, CRYPTOCOUTE, LEFT RIGHT, HOCKEY, MEMORY JOGGER, HORSERACE, BASKETBALL, KAKTUS KILL, LINDY 99, RACING, ALLEY CRAPS, TORTDISE & HARE. (SSED)336

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- 9847 GAMES \$47 KING OF THE CASTLE by Cydex Software Fast arcade quality action. 16 levels, 2 fields, written in assembly language, use I/B, You defend castle (SSSD)166
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- 9976 SECRECATION Frameware by Chris Lang 1996 Jackson Rd. Baltimore, MD 21222: Fascinating game of putting back a mixed up crazy quited fesign pattern into it organizational condition. Great color and graphic, good for all ages. (SSSD) 238
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- 9874 ASSULT THE CITY AND QUEST FOR THE KING AND PARTY -A FREEMARE disk by John Bennke 5755 W.Grace Chiago, IL 68634 -Head "tunnel of door" codule. Adventure type gazes. (SSSD) 166
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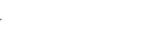
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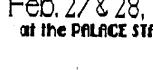
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