-WELCOME TO YET ANOTHER ISSUE OF THE NEWSDIGEST PUBLICATION
FOR THE T I S H U G (TI SYDNEY HOME COMPUTER USER GROUP).
                    SYDNEY CO-ORDINATOR:BRIAN LEWIS
SECRETARY:JOHN ROBINSON & TREATURER:TERRY PHILLIPS
LIBRARIAN:ANTONY LEWIS & SOFTWARE RESERCHER:GRAEME HOLLIS.
PLUS,THE MOST IMPORTANT PERSON IN THIS GROUP: Y O U !!!!!

We are looking for Editorial Staff. Wanna help?

IN THIS ISSUE:*URGENT NEWS FROM 99'ER MAGAZINE
NEW & BLILLIANT PROGRAMMES FOR YOU TO TYPE IN & LEARNS
*NEWS FROM THE NATIONAL CO-ORDINATOR ON THE NATIONAL CONFERENCE IN
MELBOURNE.
*PROGRAMMING HINTS & THIS MONTHS CLUB SOFTWARE OFFER.
RENEWAL OF MEMBERSHIP & MORE SYDNEY GROUP NEWS & VIEWS.

AS YOU MAY HAVE GUESSED,THIS ISSUE OF THE TISHUG NEWSDIGEST WAS NOT TYPED
ON THE USUAL MACHINE,BUT WITH THE AID OF THE TERM MODULE & THE MICROLINE
82 PRINTER. (A VERY SIMPLE WORD PROCESSOR WITHOUT ON SCREEN EDITING,BUT
WAS MUCH FUN. I WISH TO THANK BRIAN FOR THE USE OF THAT PRINTER. PLUS ALL
THOSE WHO HELPED WITH CONTRIBUTIONS TOWARD THIS CRAMMED PUBLICATION.

I HAD TO LAUGH AT THE NEW NAMES OF AUSTRALIA'S TI USER GROUPS,
LIKE: PERTH...T.I.U.P.,SYDNEY;T.I.S,H.U.G, BRISBANE: T.I.B.U.G. &
TASMANIA: T.I.C.T.A.C. WITH THE POSSIBILITY OF THE NEW GROUP SOON TO
COMMENCE IN OUR NATIONS CAPITAL OF CANBERRA, I WONDER WHAT IT WILL CALL
?ITSELF???T.I.C.H.U.G., OR C.H.U.G.O.T.???????
WE MAY HAVE MORE NEWS ABOUT THIS ON THE NEXT ISS UE OF THE S.H.U.G'S.N.D.

NOW THAT MANY OF US HAVE RECEIVED OF MINI MEMORY MODULES & EDITOR/ASSEMBLER
YOU MAY HAVE NOTICED SOME ERRORS AS PRINTED IN THE MINI MEMORY BOOKLET.
COMMENTS REGARDING THIS NEW PRODUCT WITH CORRECTIONS,
HAVE BEEN LISTED INSIDE THIS MAGAZINE.
WE WISH TO TAKE THIS OPORTUNITY TO THANK BERNARD KIRSHNER,FOR MASS PRINTING
OF THE NEW APPLICATION FORMS FOR MEMBERSHIP PLUS OTHER DOCUMENTATION
RELATING TO NEW AND FORTHCOMING PRODUCTS FOR THE 99/4(A)COMPUTER.
THESE,AND NEW PRODUCTS FOR THIS COMPUTER ARE ON SALE AT
COMPUTER WAVE(MYER)P/LTD. CNR GEORGE & MARKET STS,

****

CLUB SOFTWARE REPORT by Antony Lewis

This month, I have prepared 5 more programmes for you to collect at out next meeting.
IMPERIAL LANDER is a fantastic Extended Basic program simulating the landing of a
lunar excursion module(L.E.M). It is a good game & makes you think.
The only problem with it is its extremely long dramatic introduction.
CHICKEN HELPER: is a program written in Extended Basic. The idea of this game is to
cross a 14 lane highway. If you succeed, you gain a life and then turn around and
go back.
PSYCHO-ANALYSIS . In this program, you are given 5 pictures and have to answer a
question one of them. The computer then works out what sort of a person you are.
ACTUAL FOOTAGE: Yet another great art-graphics program in TI Basic by our own
Stuart Anderson. It firstly gives a display of a piece of film,and then provides
random designs displayed around the piece of film.
COMPATABILITY: The idea of this program isto find the campatability between two persons.
You enter the details of birth of the two people,and a couple of other pieces of data.
The computer then works out the compatability of the two people as a percentage.

This cassette will be available at the next coming meeting by either presenting me with
a good quality bland tape,or $2 to cover the cost of a tape.
****

"Younger Set" with Jenny

INVADERFUN

TEXAS
HOME
99/4A
COMPUTER
INVADER
SYDNEY
USERGROUP
DISKETTE
CASSETTE
SOFTWARE
TISHUGFAIR
TMS9900
LIGHTPEN
MODULES
GAMES
JOYSTICKS
KEYBOARD
PRINTERS
MODEMS
HARDWARE

Well kids, this is your page, for all of you under 18's, to share your programmes, views, & ideas with the other members of T.I.S.H.U.G. I guess that last months competition was too hard for you, so I'm giving you another chance to win a TI INVADER module. Here are the names you are suppose to circle in last months NEWS DIGEST, so, find them & send your entry to me at P.O.Box KX101,Kings Cross, NSW 2011.

What is your HIGH SCORE in MUNCH MAN, TOMBSTONE CITY, CARWARS etc write and let us know. Deadline for next months issue and the end of the INVADER FUN competition is Friday 15th October(this month) with your comments & entries.

Here's a special HI! to Sam & Beau Cox, Angelo Lo Certo, Grant Madew, Chris Phillips,Elliott & Lloyd Robinson,Jason West,. Lets here from you and the rest of the YOUNGER SET of T.I.S.H.U.G

I received two programmes from our Sydney YOUNGER SET, this one from Ronny Bruce,and the second one she or he forgot to put their name on the envolope...

This program mixes colours...

```
100 CALL CLEAR
115 CALL HCHAR(1,1,129,768)
120 FOR A=2 TO 16
130 FOR B=2 TO 16
140 CALL SCREEN(A)
150 CALL COLOR(13,A,B)
155 CALL CHAR(129,"55AA55AA55AA55AA")
160 NEXT B
170 NEXT A
```
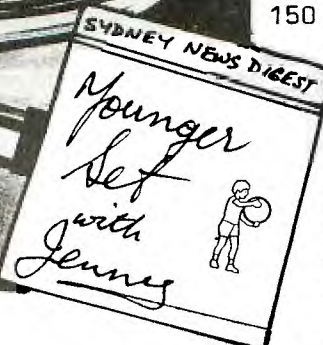
And now from our unknown younger set, comes this program which makes tones reach just beyong human hearing...

```
20 FOR I=110 TO 22000
30 CALL SOUND(I,I,2)
40 NEXT I
50 END.
```

Great work,

Jenny

WELL, IT'S THAT TIME OF THE YEAR FOR MANY OF YOU TO REJOIN FOR YET ANOTHER
SO WE HAVE PROVIDED YOU WITH A RE-APPLICATION FORM RIGHT HERE TO DO JUST
THAT. MEMBERSHIP, AS YOU SHOULD BE AWARE, IS NOW 20.00P.A., AND HAVE WE
GOT A GREAT 1983 PLANNED FOR YOU.
SIMPLY FILL IN THIS FORM , ALONG WITH YOUR MEMBERSHIP
FEE TO:THE SECRETARY, T.I.S.H.U.G. P.O.BOX 149 PENNANT HILLS, NSW 2120.

NAME_____ SIGN_____

ADDRESS_____P/CODE_____

(H)_____

PLEASE FIND ENCLOSED A (   )MONEY ORDER/ (   )CHEQUE TO THE VALUE OF $20.00
BEING MY MEMBERSHIP FEE FOR YET ANOTHER YEAR MEMBERSHIP FEE FOR THIS GROUP.
I UNDERSTAND THAT A NEW MEMBERSHIP CARD WILL BE ISSUED TO ME IN RETURN
MAIL, WHICH CAN BE USED ALL OVER AUSTRALIA, AND, WHICH WILL INTRODUCE ME TO
MEMBERS IN OTHER STATES & SELECTED RETAIL OUTLETS.

OFFICE USE ONLY: (1):   /   /   . (2)   /   /   ,
/   /   .

****
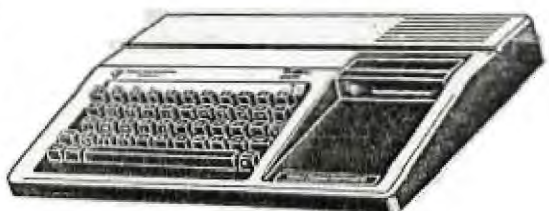
THE FOLLOWING PROGRAMMES FOR YOU TO TYPE IN HAVE BEEN SUPPLIED
TO US FROM MERV KROLL, ACTING CO-ORDINATOR OF THE BRISBANE GROUP.
CHECK THIS ONE OUT FOR SIZE, YOU'LL LOVE IT...

```
1 CALL CLEAR
2 DISPLAY AT(1,3):RPT$("*",22)!2,3,4 FOR PROGRAM NAME
3 DISPLAY AT(3,3):"*       ROADRACE";TAB(24);"*"
4 DISPLAY AT(5,3):RPT$("*",22):: DISPLAY AT(7,3):"AUTHOR:"
5 DISPLAY AT(13,9):"MERV KROLL";TAB(7);"23 MUSGRAVE ST";TAB(6);"KIPPA-RING 4020
"
6 DISPLAY AT(24,2):"MEMBER BRISBANE USER GROUP" :: FOR I=1 TO 500 :: NEXT I
90 CALL DELSPRITE(ALL)
100 CALL CLEAR :: CALL SCREEN(2)
110 CALL COLOR(2,2,15):: FOR I=3 TO 9 :: CALL COLOR(I,16,2):: NEXT I :: CALL CHA
R(47,"0101010101010101")
111 PRINT "YOU ARE DRIVING AN AUSTIN":"HEALY ""SPRITE"" WHEN SUDDENLY":"YOU FIND
 YOURSELF IN A ONE"
112 PRINT "WAY STREET GOING THE WRONG":"WAY": : :"YOU HAVE A 10 TO 30 CHANCE":"O
F COMING OUT ALIVE": : :
120 DISPLAY AT(1,1):"TYPE YOUR RATING 10()30 20" :: ACCEPT AT(1,25)BEEP SIZE(-2)
VALIDATE(DIGIT):B :: CALL CLEAR
130 CALL CHAR(43,"20"):: FOR I=6 TO 26 STEP 2 :: CALL VCHAR(1,I,47,24):: CALL VC
HAR(1,I+1,43,24):: NEXT I
140 A$="5A7E5A185A7E5A18" :: B$="185A7E5A185A7E5A" :: FOR I=123 TO 127 :: CALL C
HAR(I,A$):: NEXT I
150 IF B)30 THEN 120 :: CALL CHAR(132,B$):: L=0 :: CALL SPRITE(#18,132,2,150,150
,0,0)
160 CALL SPRITE(#1,128,13,1,52,#2,110,7,1,68,#3,111,5,1,84,#4,112,5,60,100,#5,11
3,14,92,116)
170 CALL SPRITE(#6,114,9,40,132,#7,115,3,120,148,#8,116,13,80,164,#9,117,7,40,19
0,#10,118,5,75,195)
180 CALL SPRITE(#11,119,8,120,84,#12,120,14,120,100,#13,121,3,150,116,#14,122,3,
180,132,#15,123,13,210,148)
190 CALL SPRITE(#16,124,5,170,164,#17,125,7,210,116)
200 CALL MOTION(#17,3,2,#16,B+7,2,#15,B+5,0,#14,B,2,#13,B,2,#12,B-5,2,#11,B+7,0,
#10,B+20,3,#9,B+15,3,#2,B+7,2)
210 CALL MOTION(#7,B+5,2,#6,B,2,#5,B,3,#4,B+3,0,#3,B+7,2,#2,B+15,2,#1,B-22,0)
220 CALL JOYST(1,KEY,STATUS):: IF KEY)0 THEN L=-12 ELSE IF KEY)2 THEN L=+12 ELSE
L=1
230 CALL MOTION(#18,3,L):: LAPS=LAPS+1 :: CALL COINC(ALL,X):: IF X=-1 THEN 240 :
: GOTO 220
240 IF LAPS)500 THEN 250 :: DISPLAY AT(1,1):"CRASHES=";S :: CALL SOUND(500,-5,1)
:: S=S+1 :: GOTO 220
250 PRINT "YOU HAD";S;"CRASHES!" :: FOR I=1 TO 500 :: NEXT I :: INPUT "LIKE TO P
LAY AGAIN? ":A$
260 S=1 :: LAPS=0 :: CALL DELSPRITE(ALL):: IF SEG$(A$,1,1)="Y" THEN 120
261 CALL DELSPRITE(ALL):: RUN "DSK1.LOAD"
```

you will notice on the bottom
line, that, if after you have
played this game, you no longer
wish to continue playing, the
program will instantly turn
to *1 Disk drive, and load in
a menu(LOAD)program, so you can
select another Extended Basic
game etc. If you don't have
disk drives, simply change or
delete that section of this
program.

```
90 DIM NAME$(30),SC(30)
100 CALL CLEAR
200 CALL CHAR(143,"00000000000000010000000000000000000000000000000808")
210 RANDOMIZE :: CALL CLEAR
220 FOR I=2 TO 8 :: CALL COLOR(I,8,1):: NEXT I
230 CALL CHAR(136,"0222204021131F071F77050201B3244B44042C40BB051C2FC40F0505720301
804")
240 CALL CHAR(132,"40201007F3F7F75FFD57F1F070810204020402F0FCFEAEFFABFEF8E010200
402")
250 CALL CHAR(96,"0101030303030307070F1F3F7FFF10101010000000C0C0C0C0E0F0F9FDFEFF080508
08")
260 CALL CHAR(100,"0200000000FF7F3F1F2F47830102040000002041836F0E0E0E0E0E0E0E0E05
02")
270 CALL CHAR(124,"00402018100F0707070707070706040200000000FFFEFCFEF4E2C180402
010")
280 CALL CHAR(104,"0400207FF0707070707070707FF07060400000280C0E0FCFFFFFCE0C080200
000")
290 CALL CHAR(120,"0000000103073FFFFF3F0703012000020350E0FFE0E0E0E0E0E0E0E2FFE06
020")
300 CALL CHAR(112,"1010101010FF7F3F1F0F0703030301010000000800FFFEFCF5F0E0C0C0000
080")
310 CALL CHAR(108,"0824020183472F1F3F7FFF000000000022E0E0E0E0E0E0E0E0E0E0F03818040
200")
320 CALL CHAR(116,"240607070707070707070F1C1020400010204080C1E2F4F9FCFEFF0000000
000")
330 CALL MAGNIFY(3):: CALL SCREEN(2)
340 CALL CLEAR
350 FOR I=1 TO 25 :: A=INT(24*RND)+1 :: B=INT(32*RND)+1 :: CALL HCHAR(A,B,46)::
NEXT I
360 CALL SPRITE(#1,96,5,150,150,-10,0)
370 A=INT(4*RND)+1 :: ON A GOTO 380,390,400,410
380 CALL SPRITE(#2,132,INT(14*RND)+3,1,INT(125*RND)+65,10,INT(15*RND)-8):: GOTO
420
390 CALL SPRITE(#2,132,INT(14*RND)+3,INT(95*RND)+45,255,INT(15*RND)-5,10):: GOTO
420
400 CALL SPRITE(#2,132,INT(14*RND)+3,192,INT(125*RND)+65,-10,INT(15*RND)-8):: GO
TO 420
410 CALL SPRITE(#2,132,INT(14*RND)+3,INT(95*RND)+45,1,INT(15*RND)-8,-10)
420 GOSUB 440
430 GOTO 540
440 CALL JOYST(1,X,Y):: IF X=0 AND Y=0 THEN RETURN
450 IF X=0 AND Y=4 THEN CALL PATTERN(#1,96):: GOTO 530
460 IF X=4 AND Y=4 THEN CALL PATTERN(#1,100):: GOTO 530
470 IF X=4 AND Y=0 THEN CALL PATTERN(#1,104):: GOTO 530
480 IF X=4 AND Y=-4 THEN CALL PATTERN(#1,108):: GOTO 530
490 IF X=0 AND Y=-4 THEN CALL PATTERN(#1,112):: GOTO 530
500 IF X=-4 AND Y=-4 THEN CALL PATTERN(#1,116):: GOTO 530
510 IF X=-4 AND Y=0 THEN CALL PATTERN(#1,120):: GOTO 530
520 IF X=-4 AND Y=4 THEN CALL PATTERN(#1,124):: GOTO 530
530 CALL MOTION(#1,(0-Y)*4,X*4):: D=X :: C=Y :: RETURN
540 CALL KEY(1,K,S):: IF K()18 THEN 550
550 CALL POSITION(#1,A,B):: CALL SPRITE(#3,140,7,A,B,(0-C)*8,D*8):: CALL SOUND(1
00,240,1)
560 CALL COINC(ALL,A):: IF A=0 THEN 630
570 CALL DISTANCE(#2,#3,A):: IF SQR(A))20 THEN 600
580 CALL COLOR(#2,7):: CALL PATTERN(#2,136):: CALL SOUND(1000,-7,1):: CALL SOUND
(1,10000,30):: CALL DELSPRITE(#2,#3):: KILL=KILL+1
590 DISPLAY AT(24,1):"KILLS----";KILL::: GOTO 370
600 CALL DISTANCE(#1,#2,A):: IF SQR(A))20 THEN 530
610 FOR I=1 TO 8 :: CALL PATTERN(#1,I*4+92):: CALL SOUND(200,240+I*50,1):: NEXT
I
620 COLIS=COLIS+1 :: DISPLAY AT(24,14):"COLLISIONS-";COLIS :: IF COLIS=3 THEN 66
0
630 CALL POSITION(#3,F,G):: IF F)185 OR G(20 OR G)255 THEN CALL DELSPRITE(#3)
640 GOSUB 440
650 GOTO 540
660 REM
670 DISPLAY AT(12,1):"3 COLLISIONS-": :"WANT TO PLAY AGAIN?"
680 COLIS=0 :: KILL=0
690 FOR I=1 TO 8 :: CALL PATTERN(#1,I*4+92):: CALL KEY(2,K,S)
900 IF K=89 THEN 100
910 IF K=78 THEN END
920 NEXT I
930 GOTO 690
```

THIS PROGRAM, ALSO BY MERV KROLL,
IS A SPACE GAME in EX-Basic
and simply called "ROCKET".

HERE NOW ARE SOME PROGRAMMING HINTS
YOU CAN TRY OUT FOR YOURSELF...
When using 'ACCEPT AT', only one
screen line can be input. However,
by dimensioning your string array
and using a numeric operation,
any number of characters may be
used. EG:- ACCEPT AT(1,1)VALIDATE
(UALPHA):A$(1+1-1). The plus and
minus cancel each other, and it
looks sloppy, but it works, and
serves the purpose.

The next programming hint comes
to us(via Brisbane)from a member
in Toowoomba Queensland, Steve
Glanville...
In many programmes, there are often
great numbers of "CALL CHAR"
statements. To simplify typing, &
save memory, why not use a FOR-NEXT
loop with read and DATA statements.
If there are 20 "CALL CHAR'S", and
there often are, they can be
executed consecutively, then use
this routine:
FOR I=1 TO 20
READ A,B$
CALL CHAR(A,B$)
NEXT I
DATA 100,FFFE7E7E7 ·etc,etc.
CALL VCHAR & HCHAR can be handled
simarly, would anyone like to comment
on running speeds of a "FOR NEXT"
with "DATA" as opposed to
successive "CALL" statements.

STEVE HAS ALSO EXPERIENCED "LOCKUPS"
and found by pushing down on the
socket inside the module port, he
has fixed the problem. Greg Hayes,
THE TI Sydney Technician, tells
me the board containing that
connector terminates in another
connector deep inside the console,
and contacts on some boards are
not quite centered, & this is the
main problem. To rectify it involves
complete dismantleing of the
console unit and gently filing
away one side of the board until
the contacts perfectly align.
THIS IS NOT RECOMMENDED FOR NEW
COMERS, as it is not an easy macine
to dismantle. I believe TI charge
about $25.00 for the service.

FIRST TI99 HOME COMPUTER USERS NATIONAL CONVENTION
****
A special report of items discussed at the August National Co-ordinators
convention, as reported by your NATIONAL CO-ORDINATOR: SHANE K. ANDERSEN.
Held at Doug Thomas' home 59 Landstrom Quadrant, Kilsyth, Victoria
on Friday 27th August to Sunday 29th August, 1982.

Official Representation: Shane Andersen, National Co-ordinator
                                  Brian Lewis, New South Wales
                                  Doug Thomas, Victoria
                                  Andrew Zagni, Tasmania

Apologies from Queensland, South Australia and Western Australia.

Visitors included: Ian Steele, Geoff Hipwell and
                                  Malcolm Lovell (T.I.), Alan Rushton.

FRIDAY   An informal get-to-gether with review of a variety of
outstanding programmes.

SATURDAY   Shane Andersen opened the Convention and gave a
Presidential Address (attached)
          The role of the National Co-ordinator was defined as:

     Public Relations: both within Australia and overseas, with
emphasis on publising the product, the systems and usability. The
need for personal representation was highlighted – and this included
recognising the need for end cost of travel.

     Software and News Distribution: The States would be
primarily responsible for the distribution of data between groups and
to individuals. The National Co-ordinator's job being to ensure/
encourage it to happen on a regular on-going basis.

     Liason with T.I.: The National Co-ordinator would maintain
close contact with T.I. at all stages. Other members (especially
State Co-ordinators) should do likewise, but keep the National
Co-ordinator advised so there would be no conflict in approach or
fragmentation of efforts.

The National Co-ordinator would delegate tasks as appropriate but would be responsible for:

- Preparing and continually updating a budget
- Encouraging the formation of new groups
- Encouraging groups to help their members through use of:
  - Newsletters
  - Distribution of software
  - Meetings, forums and get-to-gethers
- Co-ordination of National events such as the Annual Software Awards
- Keeping Co-ordinator informed of important events etc (see later).

The financing of the National Co-ordinator would be (for 1982/83):

- $1 levy per financial member, plus
- $40 levy for corporate/Dealers Member (whose Vic. subscription is $50) or 80% of the fee.

Other Matters: (Discussed with Malcolm Lovell of T.I.)

Distribution of Data: An approach be made to T.I. to see if a form of electronic mail (of the Australian Beginning) can be set up to cover interstate distribution of:

News

Programmes

Price of Peripherals: T.I. be reminded that their prices for peripherals (e.g. disk drives) is unacceptable on the Australian market. Also need for UHF/VHF modulator.

Costs of Operating User Groups: Would T.I. be willing to assist in cash or kind in the typing, printing and distribution of newsletters to members. Also to determine supplies of the 99'er Magazine.

User Group Publicity: The availability of User Groups can
and should be used as a sales aid - hence publicise as part of liturature
received by the purchaser.

User Group Discounts: To be common around Australia,
probably 10% (as is current in Victoria).

National Jamboree: In 12 months, the Australian market
could be ready to use a T.I., fete as publicity/user involvement.
Malcolm promised to follow-up - November '83?

National Software Awards: T.I. indicated these are an
on-going activity. In future years, the judging should co-incide with
the National Convention (probably to be held in August '83 in Melbourne)
This year interstate members will receive copies of best entries so
they have opportunity to contribute if they reply promptly.

National Distribution Centre: It was agreed that Melbourne
investigate the introduction of bi-monthly release of large batches of
pre-recorded software cassettes, These cassettes would be produced
commercially, sold to members at cost and sold to non-members (e.g.
dealer, T.I. etc) at cost plus 50%. The net proceeds to be used to
develop the National Users Group (e.g. to subsidise fares to National
Conventions etc). Doug to advise re details, costs etc by end September.

Membership Cards: To be common throughout Australia.
Panel available for each state to print local details.

Spare Parts & Servicing: The present system is not
satisfactory and does not conform to the U.S. Warranty. What is the
position? Members do not appreciate the delays of not having a computer.
Also a good reputation for servicing is a valuable sales aid. Should
an exchange system be introduced.

Workshops for Members: N.S.W. will be holding a 2 day workshop for members to bring their computers to a central area to:

- demonstrate their skills
- learn how skills
- see other owners at work
- see demonstrations by T.I.

If successful, this concept could be a valuable P.R. item, could gener   e sales for T.I. and would help new members gain confidence. Subsequent workshops could concentrate on particular themes e.g.LOGO, editor-assemble etc.

ON SUNDAY: Discussions centered on the individual clubs. Key points raised included:

- ideal size of group appears to be 20-30
- ideal location is to meet in homes
- new members will have different needs to the old and trusty
- should encourage setting up of local or specialised groups under umbrella of State Co-ordinator
- Software availability is a vital factor for members
- number of members is expected to increase by 10X in next year - can we cope?
- need for continuity of executive (i.e. 2-3 year in role) vs need for new blood to bring in fresh ideas!

As our Sydney group prepares itself for it's second A.G.M. to be conducted NEXT MONTH, and a whole new financial year of planned events, we review it's humble beginnings, and produce a full review of the happenings of our National Convention which was held in Melbourne on the last week-end of August. This review can be found on pages 5 through to 9 within this publication. Let's now take a look back in history, some 1½ years ago...

In March of 1981, out of pure frustration, not knowing any other person, except for two other friends of our elected National Co-Ordinator, Shane Andersen realised that there was a need to start up a group for users of the TI-99/4 Home Computer. So he signed up those two people, then created a small News Digest publication and wrote to two computer magazines overseas, wishing to get in touch with other Users with the idea of swapping programmes & ideas with any who replied to his letters. INTERFACE AGE magazine in America, printed his letter, and replies started rolling in. He then contacted every Australian Computer magazines, such as YOUR COMPUTER. A.P.C, E.A. & E.T.I, INFORMING THEM THAT THE 99/4 USER GROUP WAS NOW IN OPERATION.

Shane told us..."Because the group was very small at that time, I knew that it would be pointless to conduct meetings, so I produced leaflets about the computer, along with the News Digest, then placed every one on a special mailing list until such time as I thought that there was enough people to warrant getting them together for our first members meeting." It wasn't until September of '81, that we had our first meeting, 2pm on the first Saturday of that month at Shane's home in Kings Cross. The meeting was packed to capacity with all the children in one room with their own computer & games, and the adults with another computer in the lounge room, with no room to move. At that meeting, a challenge went out to members, to get involved, and place their names in a special book, for those who would assist Shane on a Committee level. Six people, out of a group of 15 people who signed that book, were selected for a proposed Committee meeting, and the group was underway with a team of great workers. Shortly after that event, Shane received letters from people in other States of Australia, wanting to join the group. So he challenged them to start up a group in their own state, and provided them with packs of printed literature on how to get their groups started.

Shane told us that over a thousand dollars of his own money was spent in telephone calls, printed material & postage etc to help get all the groups underway. A special National raffle was conducted to help raise money to pay back Shane some of those expences., and about $200 was raised. Canberra TV had donated a Black & White NTSC Monitor, and Bernie Elsner in Perth donated a perspex copy-holder stand for that raffle. Shane went on to say ... "We have now been in operation for around 1½ years, and this time consuming hobby has made it possible for a large number of individuals around Australia to get together, hence creating new friends as we share a common interest, that of the Texas Instruments Home Computer. And it has also made it possible for me to obtain a job working with computers at Computer Wave."

As you read this bumper issue, you'll see that 1983 will unfold with some trully great activities, hardware, software and just plain old fashion FUN which we hope you'll get involved in.
If you have time to spare, and are interested in a Committee position, or you'd like to help out with this publication, show your support at the next A.G.M. IN NOVEMBER.
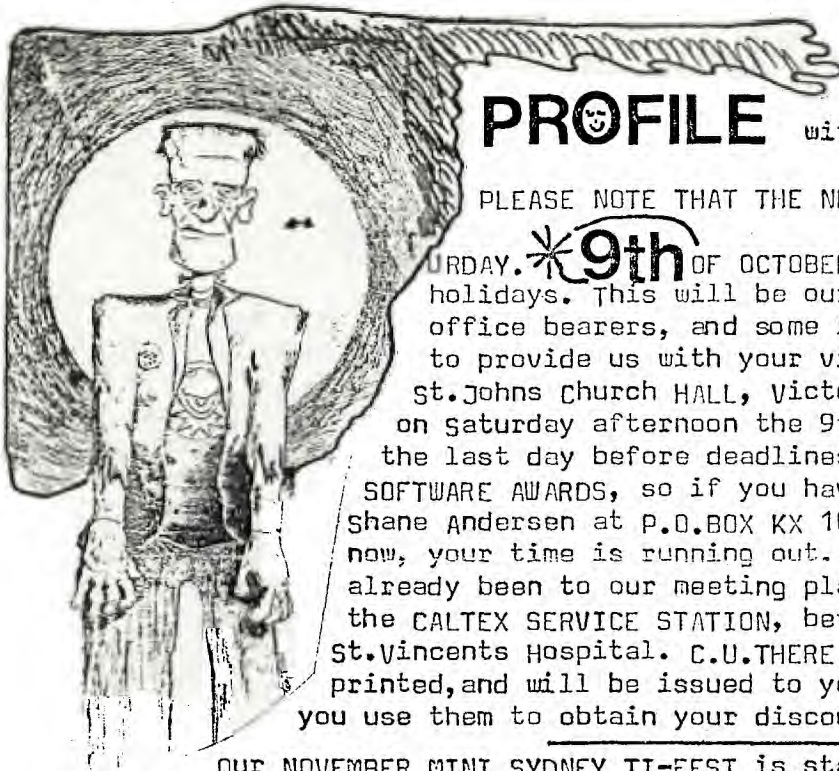

TI 99 USERS CONVENTION (Continued)

ADVERTISING: a. If any corporate member wishes to advertise in a State newsletter, they may do so providing:
1. They supply printed copy & 2. They cover the cost of distribution of the complete newsletter.
b. If a non-corporate member wishes to advertise, as above, plus $25.00 per issue of Newsletter.

Overall, a very successful convention, enjoyed by all.
Thank you Doug and Mary

Shane Andersen.

PR☺FILE with BRIAN LEWIS(CO-Ordinator)

PLEASE NOTE THAT THE NEXT MEETING IS NOT ON THE FIRST SAT-
URDAY. *9th OF OCTOBER IS THE DATE(2nd)due to public
holidays. This will be our big A.G.M. with elections for
office bearers, and some important issues which we need YOU
to provide us with your views. please plan to be at the
St.johns church HALL, victoria Street,Darlinghurst(2pm sharp)
on Saturday afternoon the 9th October. AND REMEMBER: This is
the last day before deadlines for entries for the NATIONAL AUSSIE
SOFTWARE AWARDS, so if you have not already sent your entries into
Shane Andersen at P.O.BOX KX 101,Kings Cross, N.S.W. 2011 , by
now, your time is running out..By the way, for those who have not
already been to our meeting place,the hall is situated next door to
the CALTEX SERVICE STATION, between Kings Cross Fire Station and
St.Vincents Hospital. C.U.THERE. New membership cards have been
printed,and will be issued to you in the next few days,so make sure
you use them to obtain your discount buying at selected retail outlets.

OUR NOVEMBER MINI SYDNEY TI-FEST is starting to look really great,as we
have been in contact with TI, and they will be bringing along the new TI BOX,
(PERIPHERAL EXPANSION UNIT) for us to preview. This unit should hopefully be on sale
here in Australia about Jan/February'83. They will be bringing along some other
goodies in new software and hardware for us to try out. This will be an ALL-DAY
EVENT, from about 10:30 through to the evening of the Saturday we'll tell you about
in the next issue of, THE SYDNEY NEWS DIGEST, so keep reading, or get more details
at the A.G.M.

I wish to take this opportunity to thank our hard working secretary,JOHN ROBINSON,
for the special afternoon demonstrations of AUSTRALIAN BEGINNING on saturday the
18th September.This demonstration was conducted at his home, and a good crowd
was there to see some of the things you can do with your MODEM.

It was interesting to note that,with the price going up of many of the home
computers,including ATARI, APPLE etc,TI has decided to absorb the sales tax increase,
and keep the TI-99/4A Computer at $499.00.

We had planned to review and report on the mistakes in the manual of the MINI MEMORY
modude,but by the time this publication went to press,this material had not been
received.So in the next issue, we will provide a more complete review with YOUR
views on what has proved to be a very popular Assembler programmable module.
Already about 10 of our members have purchased theirs,but we found that the LINES
program in this KIT, cannot run on the 99/4 computer, only the 'A',due to the fact
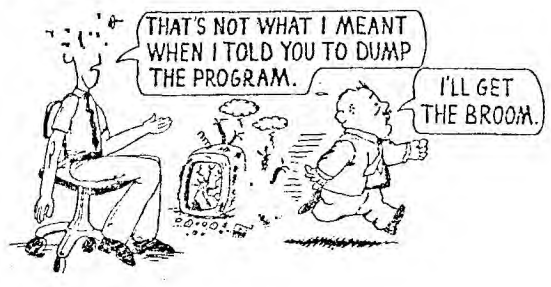that the 'A' has better 3D GROMS built in.

The company chosen to produce our club software for club and commercial distribution,
is COMPUTER EDGE P/LTD, in Melbourne, and Doug Thomas is, or has just been talking
with michael Suss of that company. michael, in a letter to Doug,said...
"I THANK YOU KINDLY FOR GIVING ME THE OPPORTUNITY TO BECOME A NATIONAL DISTRIBUTER
FOR YOUR CLUB,AND COMMERCIAL TAPES.""TO BE APPOINTED A DISTRIBUTER,ON BEHALF OF
THE USERS GROUP, IS VERY FLATTERING AND MUCH APPRECIATED..." Yes things are
starting to move even faster for our National Groups since the NATIONAL CONVENTION,
infact,Shane has mentioned to me that both he and Bernard of Computerwave(myer)Sydny
Sydney, will also be buying in selected software from the U.S.A.. Letters were
sent off to distributers in the States a short while ago, so stay tunes, we'll
get all those goodies over here yet.

In the latest issue of YOUR COMPUTER, you will notice, on page 96,another TI PAGE
by our National Co-Ordinator, and our computer also gets a mention on page 15 of
that same publication. Pop on into your News Agent,and pick up a copy.

See you at our A.G.M. on Saturday the 9th(2pm)
Yours in TI Computing,

BRIAN LEWIS.

THAT'S NOT WHAT I MEANT
WHEN I TOLD YOU TO DUMP
THE PROGRAM.
I'LL GET
THE BROOM.

International 99/4 Users-Group *News*

FLASH::: T.I. in the U.S. has shown at various shows around the country proto-
type versions of an IEEE-488 Card and a 128K Memory Expansion Card for the new
Peripheral Expansion Box. We understand that the TI BOX may be able to hold up to
2 128K cards.

FLASH::: ASSEMBLY LANGUAGE HANDBOOK   For those of you who have the new Editor/
Assembler and Mini-Memory command modules from T.I. and lack in programming
knowledge on 9900 machine language, we would like to recommend a text book from
Texas Instruments.   INTRODUCTION TO MICROPROCESSORS is a very useful text which
will compliment the documentation supplied with both the Editor/Assembler and
mini-memory.   INTRODUCTION TO MICROPROCESSORS is available from TI at a
cost of $19.50. To order your copy either write to TI(Australia),9 Byfield St,
North Ryde N.S.W.(02)887 1122 including your extra for postage, or you can
write to TI at P.O. Box 225012 M/S 54, Dallas,Texas 75265. Request stock *MPB30

FLASH::: LOGO 11 User-Groups sources have been informed that TI is currently
showing a new prototype version of TI LOGO. LOGO No.2,which will be available
in a few months time, has several additional features which greatly enhances the
performance of TI LOGO. These features include a three tone sound generator which
will allow music capabilities,also,new magnified sprites can be expanded to 32x32
and dance in time with this new musical capability. Programming space has been
doubled to allow a full 16K program to be written and executed in TI LOGO.
A new feature also allows the use of a RS232 type printer for hard copy listings of
your TO LOGO procedures. In addition, TI will soon announce a curriculum guide to
aide educators in the instruction of TI LOGO procedures. No price has yet been
announced for LOGO2, yet here in Australia LOGO*1 has dropped in price from $299.00
to an incredable $130.00. However, please note that you will need 32K expansion to
run this fantastic teaching aid.

New Educational Software Agreement Signed

On May 6, 1982, Control Data Corporation and Texas Instruments Inc. announced that an agreement had been made on the release of a comprehensive series of educational software. PLATO, a computer-based educational software course pioneered and developed by Control Data, will be formated to operate on the Texas Instruments 99/4 computer when equipped with a disk system.

After twenty years and millions of dollars of development cost, PLATO couseware includes thousands of hours of integrated instruction materials.

The agreement with Texas Instruments will encompass 430 programs in 108 :ourseware packages developed for elementary and secondary school levels. The PLATO library is widely regarded as the most complete and comprehensive educational software available. This agreement between T.I. and Control Data certainly reinforces T.I.'s committment to the educational and home computer market.

Control Data will convert its' Basic Skills and High School Skills curriculum to operate on the 5 1/4" diskettes used by the Texas Instruments personal computer. Texas Instruments will manufacture and distribute PLATO disk-based software in the United States and in selected international markets.

PLATO course-ware spans grade kindergarten through twelve with a wide range of computer-based instruction in reading, math, and language arts, including poetry and literature. Additional subject incompassed by PLATO course-ware are physics, chemistry, earth sciences, and biology, as well as social studies such as geography, economics, behavorial science, political science, and history. The materials are designed to provide self-paced and individualized instruction for students whose needs range from remedial to advanced instruction.

Although no exact date has been set for the release of the PLATO series, T.I. hopes to have much of it available sometime during the fourth quarter of this year. News of the PLATO agreement stimulated educators as well as analysts. In the May 13th Dean Whitter Analyst Commentary, their normally conservative computer analyst felt that this venture was an opportunity for software to directly derive hardware sales in a large untapped vertical market. Additional announcements of precise packages and pricing is scheduled to be released and we will inform you on additional details in future newsletters.

Electronic Spread Sheet Program Free With Purchase Of p-Code System

Texas Instruments has announced that they will offer all purchasers of their new p-Code Card, or p-Code Box, a free electronic spread sheet program.

This software package is designed to provide prompted instructions for creation and utilization of mathematical forms as well as a report generation system. These features can reduce cost associated with data collection, computation, and storage.

Currently named FREEFORM, this program uses 1 file to keep reference information about forms which are stored on the disk. For each form defined, the program creates a control, constants, titles, and data file. The control file contains information which describes the form and the data file contains the value input by the user which will be computed by the program under the user's direction.

Although we here at the Users-Group have not seen this program running on a 99/4, we have had an opportunity to watch it perform on other T.I. equipment. This program emmulates the very popular Visicalc program which is available for most other personal computers.
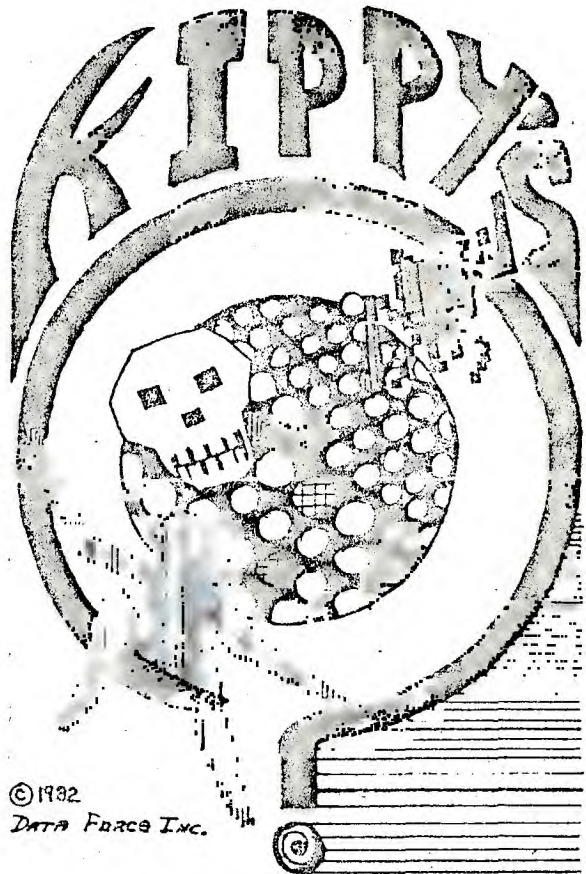
We have requested that a p-Code System and this program be sent to us as soon as it becomes available. A full review of the program's operational abilities will be reported in a future newsletter.

Space Station I

©1982
Data Force, Inc.

We Want YOU

KIPPY'S

©1982
Data Force Inc.

NIGHTMARE.

AUTHOR Dominic J. MELFI

SPACE STATION 1 is a fast paced action game that increases in difficulty as you play. You will not easily master this game at top difficulties. A space station rotates in the centre of the screen, and your mission is to protect it from the alien fleet.

KIPPY'S NIGHTMARE is a little less hectic to begin with. But this game is a VERY unusual one. Six different monsters and KIPPY are totally animated(arms and legs move). Even those who don't go for arcade games may like this one.

Both games are written totally in Assembler language which greatly exceeds in capability any Basic or Extended Basic program. You'll require EX--Basic Module, Expansion Memory, Joystick optional. Both cassette and Diskette versions have high speed loaders: Disk 25sec,cassette 1 minute. $34.95 each.

Our contacts in the States have mentioned that the suppliers & producers of these two games, give brilliant service with prompt dispatching. Write to them and get your copies NOW... DATA FORCE INCORPORATED, 10 S. 312 Hampshire Lane East,
                    Hindsdale, IL U.S.A. 60521

T.I.S.H.U.G.(Texas Instruments Sydney Homecomputer User Group) contact numbers...

CO-ODINATOR:Brian Lewis(02)9829973, SECRETARY:John Robinson(02)8480956
TREASURER:Terry Phillips(02)7976313 LIBRARIAN:Antony Lewis(02)6308428

T.I.S.H.U.G.
P.O.Box 146,Pennant Hills,
Sydney, N.S.W. Aust.2120

AIR MAIL
PAR AVION

TO: PAUL LANGLOIS, (SECRETARY)
    EDMONTON TI USER GROUP,
    P.O. BOX 11983,
    EDMONTON, ALBERTA.
    CANADA. T5J 3L1

Smooth Knob-tailed Gecko
AUSTRALIA 40c

Australia 50c
Endangered Species

Monthly NewsDigest for TI Home computer users.