FROM:

NEWJUG 99ER'S UG
P.O. BOX 1463
SAYREVILLE, N.J.
08871-1463

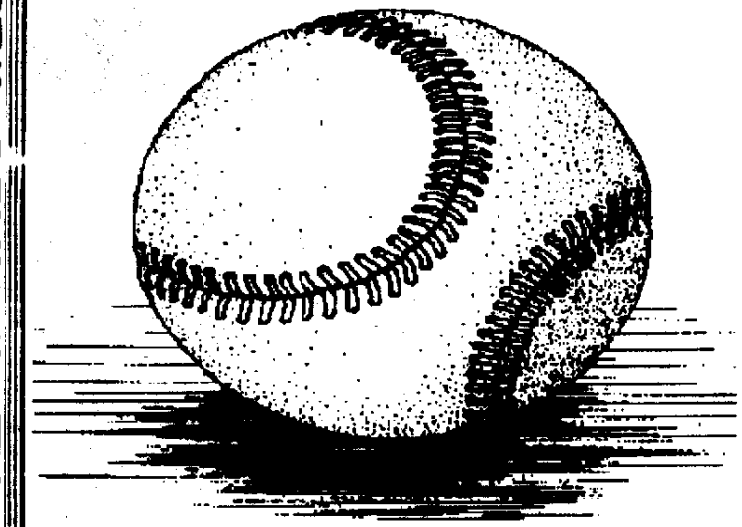
POSTAGE
GOES
HERE

TO:

AFFIX MAILING LABEL
HERE

NEWJUG 99ER'S NEWS

APRIL 1993



OPENING DAY

Highlights:

MCGOVERN CONFERENCE 02
JOKE OF THE MONTH 20

The opinions expressed in this newsletter are not necessarily those of the officers or members.
Articles printed in this newsletter may be copied or reproduced with the proper credit to the author and the newsletter.

NEWJUG 99ER'S UG
P.O. BOX 1463
SAYREVILLE, N.J.
08871-1463

Tony & Will McGovern in Conference

Delphi TI NE
INTERNATIONAL CONFERENCE
via Internet
Sunday January 10, 1993 - USA
(Monday January 11 - Australia)

Attendees:

JHWHITE	Jeff W
COGUEST	TONY&WILL
BRADSNYDER	Brad.
JERRYC	
C_BOBBITT	ChrisBobbitt
BOOORNBOS	
CAL47	
TTC	ChrisT
FROBOTZ	H_Brashear
EICHER	Dano
TIRUGED	
TELEDATA	JEFFG
MICBRO	
MARKANDERMAN	
EGERKEN	Ed
BBOONE	
9640NEWS	Beery
WALTHOWE	WaltH

<Jeff W> We have enough to start, I guess. :)

<dano> ?

<Jeff W> go, Dan

<dano> Do you want the whole list or just the top ten?

<Jeff W> One at a time.

<TONY&WILL> start wherever you like

<dano> Will you be adding support for geneve time and date stamping and subdirectories with the next release of disk review?

<TONY&WILL> No Geneves here at all so we can't test so it will not be supported -- may add path name access

<dano> No need for a geneve. A ti with the appropriate software could handle subdirectories.

<TONY&WILL> DS pretty well fills the machine already the 80 col editor just released has SD with pathname support As of yet we also do not have a HFDC or a hard drive -- next question

<dano> Why is it that Track Hack is not distributed with Funnelweb?

<TONY&WILL> 1) because it is for a particular disk controller and 2) also because the Funnelweb software is big enough already... I thought disk protection on the TI was out of style now anyway... next

[NOTE: Track copiers are sometimes used to backup protected disks - ED.]

<H_Brashear> Is it true that you are working on the software for Bud Mills right now? The hard drive controler that is.

<Jeff W> (btw, it might help the rest of know who you are directing your questions to by specifying Tony or Will)

<TONY&WILL> I refuse to confirm or deny that... only joking... yes, I have a SCSI card hot off the presses and will be working on the low level aspects of driver. I have lots of SCSI experience and access to lots of SCSI devices.

<H_Brashear> SUPER!!!

<TONY&WILL> next

<Jeff W> o! Right, Harry.
o! I might add that Will has worked with the same SCSI chip used on the WHT SCSI in the past.

JERRYC> SCSI question

<Jeff W> Dan, you had another question?

<TONY&WILL> are we out of questions already ?

<Jeff W> go, Jerry
o! Some of our guests sleep the first hour or so.

JERRYC> Do you have any experience with SCSI interfaces for parallel ports?

<JEFFG> Evening!

<TONY&WILL> The company I first worked for has one of these beasts for the Amiga. I managed to avoid it because it was a nightmare with no timing (everything was blind.. That was my first hard

drive controller. Any particular reason ?

ChrisT> Okay,I'll be looking for it. Thanks.?

TONY&WILL> next

Jeff W> go, Dan

dano> About a year and a half ago I sent a list of bug's that I had found with funnelweb to Tony. The two I remember off the top of my head was 1) Problems with the Assembler and 2) a problem in the edit feature of DR.

JERRYC> The TRANTOR generic unit is down to $120 and I [illegible] visions of a portable hard drive [the "particular reason"]. But I don't know if both the TI and IBM parallel port will work.

dano> About a month ago I sent a big box to tony and it had a copy of the letter on disk... Have these bugs been fixed and when/if do you expect a maintenance release of funnelweb to come out?

TONY&WILL> Little DR bugs are being fixed as they are founnd.. We are not aware of any bugs in the assembler that were not inherent in the original TI assembler

dano> c: Jeff would you like to explain the bugs that you/we found in chicago?

<Jeff W> Jerry, did you have more to add about the PIO port SCSI?
c: I will.

JERRYC> Unless T or W has a comment on the parallel ports - no.

TONY&WILL> Next release will be a gradual effair... A new 80 column editor is now out and Tony is working on a 40 column version. No current plans to change the assembler... Just too much work Tony is thinking about the formatter... :-)

Jeff W> Could a PIO port SCSI be done?

TONY&WILL> Theoritically it can be done for the TI....

JERRYC> Jeff - you can buy a parallel port SCSI controller now - but will the PIO port do?

TONY&WILL> As the TI has a fairly standard parallel port.... similar design to those on the market already would be feasible... Problem would be a DSR... You cant afford the memory space to keep a DSR in memory anyway.. unless you use some of the new memory boards. - next

ChrisB> (plural?)

[illegible] and Ma/Memex make two

[illegible] I need to send you guys a packet to

[illegible] Chris, down boy!!

Jeff W> Tony and Will, only RAMBO and the Asgard AMS are available at this time. The 4A Memex is coming soon.

<TONY&WILL> we do have a genuine TI 128K card but it is not really veruseful because is it one of only a few in the world

[illegible] The AMS is not a TI 128K card -- nor is the AEMS

<TONY&WILL> I know that.... we have the original TI tho...

<dano> I thought the AMS WAS what TI was planning for 99/4a memory expansion? Wouldn't that make it a TI 128k card Chris?

JERRYC> [got one here too]

<ChrisB> No, the AMS is modelled on the memory system built for the 99/8 I don't think TI ever planned to use its mapper on the 4A Besides, it goes up to 512K with a chip change

<Jeff W> Let's not get too unruly here. We don't want an editing nightmare.

<ChrisB> Sorry, Jeff.

<Jeff W> We can discuss the AMS/AEMS if Tony and Will want to do so. But first, let me clear up the assembler question Dan had.

<TONY&WILL> tell us briefly what they can do... We have seen micropendium ads (Oct)

<Jeff W> First, much of the assembly problems I had with FW were Genbue-related. However, there is one thing I consider a bug (or unexplained feature). A label cannot be used as a workspace register.

```
CRUBAS EQU  12
LI   CRUENS,>1130
```

That won't work with the FW assembler.

<TONY&WILL> This worked the last time we checked... I'll get Tony to write a quick proggy in the other room while I talk...

<Jeff W> The same test program I had worked with EA assembler, and that appeared to be the problem with FW 4.30 (I think).

<TONY&WILL> BTW, does anyone know where I can get the ths

9900/9995 assembler for the Amiga written by Al Beard and Clint pulley... It will make development easier ?

Jeff W> Will, send Al Beard (ABEARD) mail on Delphi.

dano> o: If I remember correctly, it would compile, just not correctly.

<ERRVC> o: yours is not the first request - we should ask Al to post [the Amiga 9900/9995 cross-assembler] here.

Jeff W> Recall that I was fighting Geneve DSR bugs as well.

TONY&WILL> Tony has returned... he said the register equating works fine Don't know about the Geneve though.. As policy Tony tries to eliminate all Geneve-hostile code. no matter how much it hurts

<Jeff W> I would not think the Geneve would have any affect on label equating registers.

<TONY&WILL> neither would I

Jeff W> Here is a BAD Geneve bug with assembler (any). Never have more than 3 files open at once. ChrisB, want to describe the AMS/AEMS to Tony and Will?

ChrisB> Sure - if no one has any other questions

TONY&WILL> What is the probm with this 3 files ? The assembler can have at least 4 files open at once

Jeff W> (btw, there is a text file on Delphi describing it) The Geneve only allows 3 file buffers to be open in GPL mode.

<TONY&WILL> That is a problem with MDOS... not Funnelweb

<Jeff W> Right.

TONY&WILL> Warning... the formatter sets call files(1) also

Jeff W> Let's close the topic for now. I have more information on the problem -- just got it.

TONY&WILL> ok... next

<Jeff W> Do you want ChrisB's AMS exposition, Will and Tony?

<TONY&WILL> We have read the micropendium artice.... Email might be a better alternative

<Jeff W> Okay.

<ChrisB> I won't bore the assembled Jeff... I'll just mail you guys a packet.

TONY&WILL> ok...

<Jeff W> Anyone have any ?'s

<ChrisT> yes

<Jeff W> go, ChrisT

<ChrisT> Guys, I'd like to write a DM for the TI fashioned after Windows for the PC. Can you help?

<Jeff W> o: This might be a good time to post your Internet addresses if you want the world to know.

<ChrisB> yes - please

<TONY&WILL> Will : I don't really have time for anything but the SCSI project at the moment because I start full time employment in Feb... Tony : The TI barely has the horsepower to support this ... Not to mention "Why would you want to emulate windows !?!?!?"

<ChrisT> Why not?

<TONY&WILL> DR owes a lot to XTREE... DR is about as far as you have to go on a TI

<ChrisT> I prefer a full graphical user interface

<TONY&WILL> I heard mention of a new super DM being written somewhere... was that you ?

<Jeff W> o: Probably Mike Maksimik.

<ChrisT> Could be? But I doubt it.

<TONY&WILL> Even our 486 is a dog with windows

<ChrisB> :>

<TONY&WILL> I'm afraid all we can offer is best wishes and any advice we can give

<ChrisT> So is my pc [a 486]. That's exactly why a ti would look very nice

<Jeff W> o: I think Windows is the dog.

<ChrisB> Amiga fans aren't going to be Windows fans :>

<H_Brashear> Amen!

<TONY&WILL> I must admit to a slightly anti-IBM attitude (OS\2 looks OK though)

<ChrisT> Look guys I don't know where you intend to take

the II but I have a direction. Make it usable. A GUI would accomplish that. But more importantly, so would modern, easy-to-use software.

TONY&WILL> For an effective GUI you also need a mouse etc and LOTS of memory to handle the graphics (unless you go for text mode windows)

ChrisT> I have a mouse. I use gr2 on the std ti and gr6 on the 9958/38.

TONY&WILL> Problem is, not everybody else does and many will not justify a mouse with a single program.

ChrisT> I disagree. Good software would [illegible] esp since mice are cheap.

ChrisB> er I know what you mean, guys. I have sold about 750 TI mice tho.

TONY&WILL> We believe that the Horizon ramdisk and Funnelweb are about as user friendly and powerful as you can use on the TI and still have rooom for useful software.

H_Brashear> All things will come to pass

TONY&WILL> With an AVPC etc, the idea would be much more interesting (and feasible)

ChrisT> Guys you have no vision. I have created the Kernel for the gui on a std ti, and it functions quite well. I demand more from the ti because I Know it can deliver it.

Jeff W> Funnelweb seems quite a vision, even if I don't normally use it.

TONY&WILL> It has been a while since I pushed the TI to its limits, and I agree that a GUI could be done, but you have to ask what sort of applications are going to be written and what is possible with a GUI eating up chunks of valuable memory ok... next

ChrisB> A full GUI is waiting for more memory, better video and better disks.

ChrisT> [apparently to ChrisB] Ever heard of Rambo, I have been programming it for over three years and it has plenty of memory. I have over a meg of program code ON LINE.

TONY&WILL> GUI is getting a bit off the general range of topics...

ChrisT> Guys I'm lost. All I want to Know is where do you intend to take the ti? It would be nice if the orphan could "grow up".

TONY&WILL> We have made that pretty clear with

Funnelweb... FWB is what we envision for the future of the TI... ok... next

<ChrisRabbitt> That is not a vision as much as a service to the community

<Jeff W> What new can we expect form the latest release of Funnelweb?

<TONY&WILL> Ok... here comes the list :
1) New 80 column editor
2) Supports TI european languages and special characters
3) Mode for IBM full 8-bit character graphics
4) Pathname access in SD for hard drive users
5) Basically , it is almost a complete rewrite
6) 40 column with 8-bit character support also
7) Tony may look at updating the formatter
8) fixes for Known bugs and minor enhancement (such as GROM handling) We have a German GRAM module (SuperModule II) for this

H_Brashear> Would it be to early to wonder what you might be thinking about for the formatter?

<TONY&WILL> Tony is trying to overcome the inertia for a full rewrite We don't really Know what will be changed or added yet

<H_Brashear> What bothers you about the formatter right now?

<TONY&WILL> We will add things as we come to them

<Jeff W> Note that Asgard has a competing product called First Draft/Final Copy.

<TONY&WILL> [to Harry] The formatter is just plain messy and not tightly coded and needs a rewrite.

<TONY&WILL> [to Jeff] Thats fine [the Asgard program] ... I have tried to make FWB load any other program that comes along.

<Jeff W> Does anyone have specific questions about FWB? Should I turn to Bill's "vision thing" for SCSI?

<Jeff W> Bill, some of us recall that you thought SCSI would not become available for the TI 99/4A. How has your view changed?

<TONY&WILL> Fairly drastically since I received the SCSI card !-) My attitude change has come about in the following way...

thinking....

I didn't belive the TI had a good interrupt structure for a SCSI host controller. The incorporation of hardware handshaking etc has made this a much more simple proposition. I

also had doubts about the transfer speed attainable on a stock TI system. The speed is still not great (~100KB/sec theoretically) but adequate for TI use. I started thinking about portability of devices and SCSI. An investment in a SCSI hard drive is not lost if you decide to move on to another machine such as Amiga :-) Also the range of available SCSI devices is very large and diverse. In short, I was very sceptical, but now I realize SCSI is a viable (although slow) proposition for the TI and Geneve.

Jeff W> c: Note, everyone, that the SCSI speed for the TI is because of TI p-box bus limitations -- SCSI card. The Geneve will be have faster transfer rates.

ChrisBobbitt> I realize that it is slow compared to the rated 10Mbit/sec transfer rate... but how will it be compared to other TI storage devices?

TONY&WILL> Only 5MB per second for SCSI-1 (unless you use fast scsu) It should run at the speed of of a horizon ramdisk because , as Jeff said, the limitation is the PBOX interface, not the card. My Fujitsu drive on the amiga is capable of and has achieved) 2.4 MB/sec The TI will NOT run risk of outrunning a hard drive Unless you use the Floptical to read/write IBM disks.

Jeff W> Some might want a comparison to the MYARC HFDC. The SCSI card is slower but faster. Have you read all of Don O'Neil's plans for the SCSI DSR, yet?

TONY&WILL> The speeds should be about the same as it also has the PBOX interface speed limit... I believe the HFDC had on board RAM for DMA (?)

Jeff W> Actually, the way the HFDC is designed, SCSI will likely be faster (if we can help it).

TONY&WILL> The SCSI card should be MUCH more reliable though

Jeff W> The HFDC transfers to local DMA memory, which must then be copied to VDP or CPU RAM buffers by the DSR. Sort of like sharing a transfer buffer among all devices -- whereas most SCSI devices have an independent transfer buffer. SCSI theoretically only has to transfer once from the device.

TONY&WILL> The overall bandwidth is still limited by the PBOX interface

TONY&WILL> The TI will NOT outrun any hard drive... The issue with SCSI is reliability and portability

Jeff W> Just trying to clear up how the SCSI can be as fast without DMA as the HFDC with DMA. I got

into a lengthy discussion about this with a Delphi user.

<TONY&WILL> The transfer will be limited by how many bytes you can jam through the PBOX interface. The controllers will never be waiting for bytes to arrive as the devices are so fast. The HFDC will get the data into its LOCAL memory faster but it still has to transfer the information across the PBOX interface to the rest of the machine. Hence the speed is limited by the PBOX bandwidth.

<JERRYC> ? (SCSI)

<JERRYC> Are you familiar with "bridge-boards" e.g., ADAPTEC 4000, and will they work with the new SCSI controller?

<TONY&WILL> Remind me... are these the plug on boards to convert old MFM hard drives to SCSI ?

<JERRYC> right (or RLL)

<TONY&WILL> Well, if they support SCSI correctly then there should be no problem BUT I have heard some nasty stories about the compatibility of some of these boards with the ANSI spec.

<JERRYC> AMPRO's Little-Board used them so maybe they will work. Thanks

<Jeff W> c: It might be a good idea to help us understand how much SCSI is a "plug-and-play" situation as opposed to a "plug-and-pray" one.

<TONY&WILL> woah... sorry about that [previous typo] ... big system holdup this end

<Jeff W> About 3:30pm Monday?

<TONY&WILL> yep... thats the time

<Jeff W> Strange how there can be more than 12 hours difference. Oh well.

<TONY&WILL> There isnt... we are 8 hours behind and the international date line is in-between us and you

<Jeff W> But we are on Sunday. Anyway, it's weird to me.

<TONY&WILL> Messes with your head.... I'll just accept it I think I could register a complaint somewhere though

<Jeff W> Care to comment on my last SCSI comment: "plug-and-play" vs "plug-and-pray"

<TONY&WILL> A brief comment :

TONY&WILL> With SCSI all you have to do is plug the drive into the controller... No messing around checking conpatibility charts (except in extreme cases). Just plug it on (maybe set a couple of jumpers) and you are ready for action. No formatting required either no worse than setting a CRU base for a card

Jeff W> c: And the SCSI user manual lists the CRU base switch settings one by one -- no guessing there.

TONY&WILL> One question from us to the masses ! When are big HRD's going to support 800K (DSCD) equivalent drives? 400K drive size limits are getting very restrictive for us

Jeff W> Too bad Gary Bowser is not here. He is currently working on ROS 8.xx and later. However, I will make a comment. The SCSI card will support larger floppy sizes (like 1.44 Meg). These are SCSI floppy drives, not your standard MFM type that the HFDC is purported to support. The media are the same more or less. Because I am working on the SCSI DSR with Will, and I will likely be doing the 4A Nemex DSR when (not if) it becomes available, expect it to support larger RAMdisk sizes.

<ICBPO> Thanks, Jeff, Tony and Will. Goodnight

TONY&WILL> The beauty of SCSI is that the floppies just look like small hard drives... and work the same way

Jeff W> How that might translate to the Horizon is not an issue right now.

TONY&WILL> Very useful for the new Floptical drives with 21MB floppies

Jeff W> Does anyone here besides Will and me have the WHT SCSI? Or are we boring you with the discussion? Here's a question that I've seen various answers to: Do SCSI-2 drives work with SCSI-1 cards?

TONY&WILL> Yes they will... They are a superset... Although you do have to be a bit careful as they send some ID messages when you select them.. questions ?? general discussion ?

Jeff W> So a person who uses his SCSI-2 drive on his Amiga need not worry about plugging it onto the WHT SCSI? Just pretend it is SCSI-1. This means that you can invest in the latest technology so that when or if you decide to jump ship, you are not hopelessly behind on the new system.

TONY&WILL> Well, my fujitsu is a SCSI -2 drive and the 3000 only has a SCSI-1 controller.... Most SCSI-2 devices come with a jumper for SCSI1/SCSI2. This allows you to disable

strange messages that may confuse the driver.

... SCSI-1 drives are cheapest now, but they might be hopelessly slow (a bottleneck) or the systems of tomorrow.

JERRY> We have had a policy of not encouraging FWB distribution on systems such as DELPHI... (though they get here anyway) - might this change in the future?

<TONY&WILL> That is because :
1) usually gets distibuted mangled or incomplete
2) very little response to us from such downloads

<TONY&WILL> At this stage we are not really concerned about it but would prefer to have an official uploader for complete distributions, rather than lots of partial uploads.

JERRY> No Librarian here I can assure you 1) does not apply... Don't know about 2) but I can name a few who got it that way and DID "respond".

<TONY&WILL> We appreciate those who do respond... Sooner or later all letters get answered unless they have fallen down behind the PE box.

JERRY> Thanks

<H_Brashear> I have to ask a question as long as we are on this subject.... and I'm a little sheepish about it, but...

<TONY&WILL> go for it

<H_Brashear> a little while back my former group the Western New York 99ers sent a rather large amount of money to you probably signed by the president Rick Simpson..... He was a little put out about the fact that this was never acknowledged and I'm... wondering if it ever got there?

<TONY&WILL> I assure you this was not intentional... We can't remember off the top of the head whether we received it or not.... We ALWAYS reply to contributors as a matter of courtesy

<H_Brashear> It would have been about $200.00

<Jeff W> Cash?

<TONY&WILL> Sometimes our bank takes AGES to process overseas cheques. It makes us pay through the nose for them too

<H_Brashear> No. Rick lives in Canada so he would have been wise enough to deal with it in the right way.

TONY&WILL> We'll have a dig in the paperwork later and check

H_Brashear> thank you

TONY&WILL> Canadian dollars are hell to get processed BTW

<Jeff W> Well, BarryB made his appearance.

<TONY&WILL> I noticed... quick in / quick out

EGERKEN> (sort of like last rite, eh Jeff?) BTW: Hi all!

JERRYC> I find the FW loader very handy with EXEC or XB64A to load EA3 programs ... Have you considered a version of this program alone tailored for this use?

TONY&WILL> This is the swiss army knife for the TI... You can cut the FWB package down to a minimum operating set of files and use this as a loader. We don't want little subsets breeding in corners... If you update one, you have to update the other as well... twice as much work...

JERRYC> I was thinking of a loader without the hardcoded Editor and Formatter choices.

Jeff W> What is the TI climate in Australia?

TONY&WILL> Pretty bleak... PC's are now so cheap that only the die hards who really appreciate the TI are sticking with it. The TI was a very good training ground for me.... and still makes an excellent intro to serious computing Ask a CBM user what a linking loader is !!! blank faces all round

TONY&WILL> Must be getting late over there... I notice a few dropping out from fatigue any more questions from the audience ?

Ed> Tony, Will, great to have you here. Sorry I missed so much. But on my ?... In earlier versions of FW, you could invoke the file checker in a directory with a special keypress... where now it is automatic. Any chance of returning to the earlier way?

TONY&WILL> We removed that for two reasons :
1) It used code that would not work on the Geneve
2) It is necessary for the loaders It has been eliminated from SD in the editor

Jeff W> Too bad you don't have a Geneve to use.

Ed> It just takes awhile with long directories to read them all. GA

<TONY&WILL> We just stick to programming rules to keep Geneve compatibility Ed, the slowness is inherent in the TI system

<EJ> <And in my case, the operator as well! =~]

<Jeff W> Back to the TI users in Australia -- right now, there are two major hardware designers for new 99/4A peripherals in the U.S.: Asgard and BMS/WHT. Is there any new hardware that we should be aware of coming for the 99/4A from Australia? Or is that too much to expect?

<TONY&WILL> Nothing current of note...

<Jeff W> What about memory cards?

<TONY&WILL> No... no memory cards that we know of

<Jeff W> Harry Brashear, who was here earlier, reviewed the Quest RAMdisk in MICROpendium.

<TONY&WILL> The Quest RAMDisk was the last project in the HUG99 group

<Jeff W> Is it supported by FWB? Can it work as CPU memory?

<TONY&WILL> In so far as it is a well behaved TI device... Is simply runs its own version of a ROS so it works fine

<JEFFG> I want to thank Tony and Will for being on tonight.....

<Jeff W> thanks to the new Internet connection, so we're now able to get more TIers into Delphi from outside the USA. ga

<TONY&WILL> It was a pleasure

<JEFFG> Thanks to Jeff W for setting this up! clapclapclap

JERRYC> Thanks much Tony and Will.

<Jeff W> Yes, thank you very much, Tony and Will. Hi, Beery.

<TONY&WILL> No problems... Its a nice summer here with good beaches....

<Beery> Hello, is the COnference still going, or did I just miss it?

<JEFFG> better late than never :-)

<Jeff W> It's still going, but pretty much opening up. Three hours of moderating more or less.

<Beery> What did I miss in a nutshell.

<TONY&WILL> I'll think of you all freezing over there while

I'm at the beach

JEFFG> <cold silence>

Jeff W> Hey, Tony, in the free ad sections, I've noticed advertisements for jobs in Australia? Is that for real? Are they good jobs? <grin>

<TONY&WILL> Worth getting out of the cold for

<Jeff W> Really?

<TONY&WILL> Just follow summer around the globe... Actually the job situation over here is rather bleak at best

<Jeff W> So I should not believe what I read.

<TONY&WILL> Unless you are willing to work for no money

<JEFFG> Gotta get some sleep, nite all. Don't get any sunburn on the beach!

<TONY&WILL> I already got sunburn

<JEFFG> boooo

<Jeff W> Australia has pretty good weather year round, I suppose.

<TONY&WILL> Yep... Fairly pleasant unless you live in the mountains

<Jeff W> That's probably where all the jobs are.

<TONY&WILL> around here the minimum in winter is probably about 8 degrees celcius I think 4 degrees is the worst we've had

<Jeff W> That's about 47 Fahrenheit, I think.

<TONY&WILL> thats in our city (Newcastle)

<Jeff W> If anyone wants to discuss computers, you are more than welcome.

<TONY&WILL> I guess we should close up this shop soon...

Beery> Can I ask if there is any new software coming from down under? (If I forgot, Hello Will and Tony).

TONY&WILL> What are the times in all your places at the moment ?

Jeff W> Beery, do you know anything about the Amiga version of TIC?

TONY&WILL> Remind me... what is TIC ?

Beery> No, contact big Al. I know it exists, as there was some discussion on it recently with him. TIC Full C

Compiler for MDOS on the Geneve.

Jeff W> Comes with assembler.

JERRYC> What you want from Al is the cross-assembler I think.

Beery> Assembler,linker/compiler/librarian/library files/and docs.

JERRYC> (to assemble 9900/9995 code on an Amiga)

<Jeff W> Found the ad: AUSTRALIA WANTS YOU. Excellent pay, benefits, transportation. 1-407-292-4747 Ext. 1377. 9:30am-10:pm. Toll refunded. Maybe I should call.

<TONY&WILL> Cross-assembler is what I'm after... Shame to waste a 68040

<Jeff W> The TIC will use c99 libraries to compile code for the 99/4A as well.

JERRYC> I will send Al a message about your request (and others).

<Jeff W> Beery, do you have any questions on SCSI? Will has his card now.

<Beery> Not at this moment, except to ask if the DSR is finished? <grin>

<TONY&WILL> Does anyone Know if we can mail into BIX from Internet ?

<Jeff W> Al Beard would.

<Beery> I've been out of town and so busy the past 4 weeks I've just now caught up on previous orders, and I'll be busy to the end of February.

<Jeff W> BTW, there is an MS-DOS version of TIC, too. So you can put your 486 to work as well.

<TONY&WILL> That would be a development powerhouse... 68040 and 486

<Jeff W> Hi, Walt Howe. Did JeffG wake you up?

<Walt H> Yeah, he did. Hi all

<TONY&WILL> hello

<Jeff W> Here is the person to ask about Internet, Will and Tony.

<TONY&WILL> Does anyone Know if we can mail into BIX from Internet ?

<Jeff W> Delphi, CIS, and GEnie support Internet mail. I am not sure about BIX.

Walt H> I don't think BIX is connected [illegible] I may be wrong

Jeff W> BIX is owned by the same people that [illegible] GEnie.

TONY&WILL> I thought it was fairly restricted.. but I wasn't sure

TERRYC> Walt Howe (who just joined us) runs the Internet SIG here on DELPHI.

Walt H> Their [BIX] access system, which is different from DELPHI's, doesn't support it easily. And I'm an old TIer, too

Jeff W> Any particular reason, Will, you want to know?

Walt H> Tony and Will got a check of mine once <grin>

Beery> later, i'll catch the conference log.

Jeff W> Know someone to contact on BIX?

TONY&WILL> I just wanted to get some mail to an Amiga company in Carlsbad...

Walt H> KIP on the staff here spends a lot of time with BIX. Try him.

TONY&WILL> I just spend US$3000 on their graphics board to become a developer

Jeff W> That's "kip@delphi.com" if you want to contact via Internet.

TONY&WILL> and snail mail is very slow

Jeff W> Carlsbad?

TONY&WILL> Carlsbad California

Jeff W> What is the name of the company?

TONY&WILL> Digital Micronics Inc.

Jeff W> I expect they are likely on CIS or GEnie.

TONY&WILL> Nope... They said they are only on BIX in the Amiga developer section. BIX from australia is a rather expensive business

Jeff W> Delphi is inexpensive. But I'm not sure about Amiga support.

TONY&WILL> I'm getting onto the private Amiga developer Net in Aust soon I think they may be on that as well Jeff, what time is it where you are ?

Jeff W> It is 00:51, Monday. I was thinking Don O'Neil

would be here by now. Walt, does Kermit work through Telnet?

<TONY&WILL> I think I'll close up now... Catch Don via Email

Jeff W> Okay. Check the mail I sent to CDGUEST.

<TONY&WILL> Ok... will do... I'm getting rather hungry (haven't eaten today yet)

<Jeff W> There is also a signup offer for 5 free hours on Delphi. If you wish to join.

<Walt H> Kermit can work through telnet-- it all depends

<TONY&WILL> thank you all for listening and providing stimulating convo

<Walt H> You've got to be able to set up 8-bit operation in your local host

<Jeff W> Also, if you have any questions about the SCSI card, let me hear them. Kermit needs 8-bit?

<Walt H> If you're going to transfer binary files

<Jeff W> I thought kermit translated binary files to 7-bit.

<Walt H> Sorry, JeffW. I'm not sure of that-- I know it asks if files are text or not

<Jeff W> To join Delphi, the username is JOINDELPHI and the password is 5FREE.

<Walt H> or use INTERNETSIG as a password <grin>

<TONY&WILL> you can usually do a "set mode image" or similar to get 8-bit

<Jeff W> Will that get you 5 free hours, Walt?

<Walt H> I've used zmodem for binary files through telnet Yes, Jeff and Internet access during the 5 hours

<Jeff W> Hmmm... Could you work up a Delphi ad for me to post on the comp.sys.ti Internet newsgroup?

<Walt H> Sure could!

<TONY&WILL> ok... I'll leave you all to it... I captured the whole conference on the amiga for later reading....

<Walt H> Look in your mail, Jeff

<Jeff W> I've looked.

<Walt H> Give me a few minutes <grin>

<Jeff W> Will and Tony, have you had time to explore

Delphi?

TONY&WILL> I haven't explored very far yet.... I might look around a bit before I log off

<TONY&WILL> or maybe on delphi if I take up the SERVER offer

JERRYC> Then YOU could be our official uploader (grin).

Jeff W> Okay. If it is not worth the ticket price, don't join. But we'd love to have you. And I am not sure how payment would work.

TONY&WILL> I'll seriously consider it... The payment will be difficult as the Uni get VERY upset if it receives bills from such services

Jeff W> You would be billed, since you would get your own ID. You'd just have to access via the university or other gateway.

TONY&WILL> ok... bye all and thanks for attending...

<Jeff W> Thanks again, Will and Tony.

<TONY&WILL> - signed off -

Joke Of The Month

lipping his hedges one fternoon, Roger aved to is dim-witted and luckless eighbor, who was mowing is lawn. Just then, the ower hit a rock, swerved ut of control and fell nto the swimming pool. The rantic fellow dived into he pool after it. ecoming alarmed when his eighbor didn't come up for ir, Roger rushed over to nvestigate. He leaned over he edge of the pool and potted his friend at the ottom, pulling at the tarter cord over and over again. "What a dope," Roger murmured. Then he cupped his hands around his mouth and hollered, "Choke it, Choke it!"

COMMENTS & SUGGESTIONS

DETACH THIS PAGE FROM THE NEWSLETTER AND SUBMIT IT TO THE EDITOR AT THE NEXT CLUB MEETING YOU ATTEND OR MAIL IT TO: NEWJUG 99ER'S USER GROUP
P.O. BOX 1463
SAYREVILLE, NEW JERSEY 08871-1463