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99'er ON LIME.

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RESULAR MEETINGS: of the Edmonton 99'er Computer User's Society are held on the second Tuesday of each worth in room 849 of the General Service Building of the University of Alberta from 7:00 till 10:00PM, and are open to all members in good standing. Non-members may attend their first meeting free of charge.

ADVERTISEMENTS: Commercial space is available in this Newsletter at the following rates: Full page \$20.00. half page \$10.00, 174 page \$10.00. Discuss your needs with John, at \$400, 456-6562, or the next meeting, alternatively send "photo ready" copies to him. Members may advertise their gersonal computer related items for free but are asked to limit their ads to about 50 words. Hail your ads., to the Editors address or hand it to him at the General Meeting; Newsletter describe 3'rd Monday of the month.

MEMBERSHIP FEES: Fapily; {2 months \$20.00, 6 months \$45.00. Students; 12 months \$15.00, 6 months \$10.00. New member initiation; \$20.00.

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NEXT HEETING.

The next meeting will be September 13th. At 7:15 PM. Beneral Service Bulloing U of A Campus room 849.

|-----(News Letter)-------

JUST A WORD.

by: Yves Chevalier President.

Another year (at least, for our club anyway), is just starting and it is time to wice the dust off our trusted workhorse.

i would like to welcome tack all our club members, and extend an invitation to all 1999 owners -- Mad HAVE NUT VET JUINED OUR RANKS-- to attend some of our meetings.

This year looks like a good year to excand our knowledge of the TI Consoles' hidden dowers and also our neabership. With GPL knowledge starting to scread it will not be long before we will know now to access the rest of these powers of the 99/4A. If only Texas instruments realised that they were awakening generations of Ti product conditioners. They had the potential to influence williams of persons and future assayance whose first love was a 199er. Excluding Geneve, the 199er has not yet reached its full potential.

Lask myself, Twhy is there a potential for to GROMs with 40%0 each, in each console waking (640%) of HDM:? And, can it be soliculated like the Horizon Ras cars if RAM chips are used? Where is the CFRAM programmer card or the MODEF care that were planned by T1? Do the blueprints exist? Someone somewhere is sitting on this knowledge and strangling the information pipeline."

99'er ONLINE =====SEPTEMBER,1988 ==

We will try to increase our membership to 50 members by year end, that's not impossible, by appealing more to the basic user (BASICs and/or cassette) it should be possible to bring many more to our ranks. We will look at ways of rewarding people who recruit new members; any realistic suggestion will be considered. I remember during the shortage of water, the caption, SHOWER WITH A FRIEND, well let this caption be, ERING A FRIEND ALONG TO THE MEETING...ED.:

more of you want man cares and brane Aucoin is interested in getting them for you. He has one or order for me and you must contact him personally if you want one. It will be the Horizon IMB version. We are going for the bulk discount on parts to decrease the unit price. He has heard of up to 13 members wanting cards but only 4 or 5 have placed firm orders. When mine is built I will sell my 192k version with kit to extend it to 250k.

Coming up this year:

- -Elections at the Sep/Oct meetings. Any and all positions can be challenged and you are invited to do so. If you are willing to improve the club we will gladly step aside.
 - -Intergroup secting, Edmonton/Red Decr/Calpary. I am looking forward to it.
 - -Special Interest Groups, -Interesting lectures, -Demonstrations, -Consultations, -Etc. etc and a good time. See you there.....Yves

;(News	Letter}

TI-FAIRE, 1988

by: Ji∎ Mulligan.

The annual, I think you can call the first occasion of an event that is planted to begoen again, annual anyway. Orphan Computer Reunion was held at the Country Lodge in Innisfail Alberta on May 14, 1988.

The actual event began early in the morning as numerous TI'ers began to gather and set we their wares. Some brought systems to display and some brought systems and other hardware to sell. We saw many modified systems, all working very well and showing that for an Orphan Computer we still have a lot going for us with the TI. Several people brought and displayed the new Geneve from Myarc, including Judy Dehany of Nova Computers. Several people had software available to demonstrate, most of which was written by themselves.

During the day, the Red Deer Club, (they were the organizers and hosts for this event), had programmed various feature events to happen. There was a demo of the Geneve by the Caigary/Red Deer clubs. That machine is intredible, especially the graphics. The demo is made you realize just how powerful the new Geneve really is. The speed of its operation is also nothing to sneeze at. All round, the Beneve demo and machine were well represented.

Another feature presentation of the day, was our own Jim Beck's presentation and tutorial on the 1299 programming language. Jim gave a very informative, educational demonstration and talk on this language, we showed seem of his own programm, written in 1999 of course, and really made the crowd appreciate just how goed the 1999 programming language was. Jim also showed them that he was a programmed exceptional himself. Thank you Jim Beck for the excellent presentation.

Yves Chevalier also gave a presentation on his home built modes. He has constructed a modes to fit into the PEB and to operate at 300-1200 band. The modes may not be a smart modes, but Yves presentation sure was. He showed again just how good our machine really can be. Thank you Yves for such a good demonstration.

Through out the way several programs were running on all of the fifteen or so exstems on display. The affect of such versatility was almost overwhelming. We saw music programs, graphic programs, logic programs, and of course games. The Alberta II community is certainly capable of writing some good software.

Ail in all the day was very enjoyable. We managed to acquire some software for our club, and to share some of the software that we took with us. The people we met, and the friendship we felt, made this event, certainly one worth repeating. We may be orphane but we are certainly not alone. The Hi community is alive and well in Alberta. I would strongly recommend that you try to attend the second annual Crohan Computer Rewardon mext year. Why do such cood things theopen so seldom? Thank you have been for hosting this event and I know that we in Edmonton are ready to go again.

TI-WRITER REFINEMENTS.

by: Terry Atkinson.

This first appeared in the Got.66. Newsletter but I thought a re-run would be appropriate at this time.

Rithdugh Terry above submitted this amendment, we have to acknowledge Rick Cosmand of the SUUS as the originator.

This fix is extremely useful to people who use the writer often, using the 'E' and the 'L' symbol can cause many tiring errors, in that case, why not change these symbols to less required symbols ie., '\' \L'', \F27W l and FCTN C). (on the original document l have had to double up to obtain a print, the same as the old TI-Writer method of printing the 'E' k 'L' symbols).

As we are going to use a Bisk Fixer, ie., Disk and Aid, the first thing is to make a copy of your original disk, and hide it under the mattress, or even Mail it round the Morld until you have made your afteration, do anything but don't, repeat DON'T, leave it in the same room. Now taking a freshly formatted disk, copy the file FERMI, I think the original version was FORMA1, same file. Load up your Disk and Aid, we are looking for a MEX string 23-24-40-25 this is entered into the search as a complete number ie., 23214025, wine was located on sector 22. Time 0024, change [ALTER] the last two bites ie., 40-26 to read 60-50 press ENTER then re-write FCTN M. That's ic! simple, If you wish, you can substitute whatever you like for these symbols, ie., 78-70 would use the left and right braces (FCTN Fib). Most printer manuals have a ABCII decimal and MEX. That I but the ones we used seem to be the best, least required).

There is also another fix while you still have the FORML in the Disk-Fixer, you can also change the colour on the Formatter from that suckly TI-Colour White on Biue to whatever suits your fancy, for this example I like Black on Light Yellow, to we it seems easier on the eyes......

Search for a string 02 06 07 F5 in the same sector below you will observe another string 80 02 0) F5. It is the F5's that have to be changed, the 'F' is the foreground colour, while the 'S' represents the background. Select whatever colours you would like, for my example I changed F5 to IB make both strings identical, being careful not have the foreground and background the same colour, use contrast for best results, cress ENTER, then FCTN m to re-write to disk, voila! (Thats for the benefit of our French readers) you have made it again.

You can now copy this file FORM1, FORMA1, back to your back-up copy of TI-WRITER, don't forget to remove the protection for a non-error transfer, it is now time to try out your afterations, if satisfied, it would be protect to retain your original copy as is, in case you ever want of use your 'N' k "" again or you can revert to the Franchiterate method!

I have been enauthing for Open's of Gera-Procker, the Speak Ave should be in 1987; while the second fix should be located in 98285 and 98284 according to Rick.

HEX COLDUR CHART.

by: JOHA.

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HEBIUH RED LIGHT RED DARK YELLOW LIGHT YELLOW DARK GREEN MAGENTA GRAY WHITE	9 4 +8 C & E F	TRANSPARENT BLACK MEDIUM GREEN LIGHT GREEN DARK BLUE LIGHT BLUE DARK REB CYAN	\$ ±1 2 3 4 >5

microsoft

multiplan.

HOME SECURITY.

by: John.

If you are tired of staying up half the night playing "Munch Man" whatever, have you ever thought of putting your computer to work in a more practical manner, in the form of a House Sentinal, Radio Shack have had something on these lines for quite a while naw, but I don't know if they have perfected it as yet. I never gave it much thought as I always suspected extravaganza to the utmost. But as I was getting ready to leave in search of the Sun this year in May, I began thinking of the increase of break-in's etc., and how much one can depend on the insurance when one really has a claim.

Un making enquires as to this sent of Utility, I found one of our members with one already working, and for a small investment, it was possible to start and utilize this project straight away, then, add as required. This Utility has the ability, through an Interface and special receptacles & switches, to turn on the house lighting system, and either give full brilliance or any percentage of dimming required, (tungsten lighting only: it can switch the stereo, television, small oven, mashing machine, coffee pot and air conditioner, through a software program at any desired time using Appliance Module's, plugged into convenient wall outlets, either 110/220VAC. Through Lamb Modules it's also possible to switch and dim, tablelams, etc.

As the nouse wiring is used to tranfer the electronic signals, between the interface and the encules. It is possible to control other buildings that are connected with the same wiring, thus controlling driveway hights, garages and yard lights & place etc..

Once you have programmed the interface is small computer) using the II/99 4A. R9232 card, and provided software, you FHEN REMOVE THE INTERFACE FAON THE COMPUTER, freeing it for other committments. (NB it does not tie up your computer!) and plug the interface into any other convenient receptable, the interface then continues to control your devices as programmed. This interface is provided with switches (8) to override the orderam, and can be placed at your convenience, i.e., by your favourite arachair, in the Den, or even in the garage, (for those of you who live out there!) giving you remote control. NB. the house switches can still be used as per usual, the advantage being, that programmed lights will never be forgotten and left on, if programmed to switch off at say 11.00 or 12.00 PK.

There is also another remote controller that will control up to to devices, also a Telephone Responder with Iransmitter, this allows you to switch your lights and appliances from wherever there is a phone line, le.. should you decide to return home parlier than planned and require to once home to a warm and allowanted house.

The Thermostat Control can turn your standard thermostat into a set-back or can be used as an override, what it consists of is a small heating element positioned undermeath the thermostat on the wall, switched on it simulates a temperature rise, so shutting cown the furnace, switching off, returns the setting to bormal. With some inermostat bases, the rise in temperature could be made to turn on the Arr-Conditioner, or summer switch (Furnace motor on permanently, an advantage during these hot summers).

) even have sine watering the lawn, through the installation of a socorized valve. I have thought of many uses for this Utility, at prosent I as mixing to control, as suggested above, the suggest setting on the furnace.

Not only does this Home Control make the house looked lived in, but it is also possible to hook in to a Burglar Starm Interface which flashes the lights on or biasts the stered when the atarm system is tripped.

An asset would be to add thermal and humidity metering, as yet I don't think these items are available, a probe on the lawn could then decide if water was required, and save the embarrassment of being the only house on the block with the sprinkler running in a rain storm, by Arr-Conditioner has a thermal switch already installed, the advantage in this case is controlled times, you don't require the appliance to run during the day when there is necessarily although it maintains the same abount of cooling.

What is required to get started? Well, first and foremost, is a TI 99/4A, RS232 card and Disk Dve.. the interface comes for IBM, COMMODORE, MACINTORM, and APPLE. We use the IBM. Version, cost \$89.75, this comes complete with cable mook-up and software, of course, the software is of no use to us. But don't dispare, we have software available, it way not be as sophisticated as IBM. But it does just about the same thing.

Next you will require, tamp Modules, or Appliance Modules. Buitches or *Receptacles, these retail at \$24.95 ea., it sounds a lot, out if you consider one per room to start, it can still keep to a reasonable price. The wail switches are required if you want to control the original house wiring, wall receptacles are required when you cannot use a addite for some reason or another. I marked this with an esterick because the price is \$34.99 and as they only control one half, rather expensive. That is all you require to get started, you can build from these.

By the way, the interface controls up to 256 X-10 Modules, each module has two controls, one calculated from 3-10, one other from A-F, that is to X to, or 200 compinations, it., furning on a tight, humay, wednesday and friday at 7:00 PM. sixmed to 40%, as just one event. It is consider to program up to 128 events. Also, this interface has a 100Art, battery pack-up to protect the memory in the event of newer outages..... not known in Edmonton:

Radio Shack have a Burgiar Alara Panel Catt 49 470/47 450 1 should think could be used along with the X-10

== 99'er ONLINE =====SEPTEMBER.1988 ==

System using the Burgiar Alarm Interface, details on this panel can be obtained in the 1908 Radio Shack Catalogue, this should extend the 1-10 system considerably, as the panel facilitates the additions of various other things is., Alarm Loops, strobes, bells strens, key-locks, vibration and glass breakage detectors or motion sensors, door and window contacts, you can even add an automatic dialer, to dial up to three numbers on Panel Trip.

All the above are battery backup oriented, an asset worth consideration..... Build to suit your socket.

. In the event of any of our members wishing to partake in the above, the modules can be had at various places in the city. The Interface is available at:

Heath Zenith 4956-92 Ave., Edmonton. Alberta.

The Utility of course is:

%-10 Home Controls Inc. 1200 Aerowood Drive Mississauga, Ontario L4W 257

please phone me, for further information, there are other versions of this system but I have only outlines the computerized version, I hope you have found this an interesting topic.

Welcome back to the fold... JOHM.....

|-----|

Moving to-ward 1989

Ay: John.....

Here we are once again, the start of a New Season, well, we did manage to get going, after a very poor start, I hope we get off to a better start this time, we have at least had less encumberances, and a new schedule has been formulated, I guess it is not, so such as just making up a schedule, its managing to keep to it.

I can remember having some quite good lectures last year, and at least we had some \$16 Shoups going, although it is very hard trying to make a go of things with no support.

We have some great things planned, it has been suggested that (SIB) Browns should be introduced at the General Meeting, then, when sufficient interest has been formulated they can branch off, virtually on their own, I would like to state again at this point, If any of our members would like to take on a (SIB), please come forward, we have many talents in our membership, which could be used for the benefit of the club in general, the theme still remains working together, as well as sharing software, as the elections are due there will be vacant positions on the board, please come forward and give our present Executive a rest, POOL YOUR INER'S.

We are trying to get together an all II. Bulletin Board. This will be discussed at this next beneral Meeting, we are a 77., Club, therefore we should use TI., equipment whenever possible, this Newsletter is put together using. TI-Writer, Multiplan, TI-Artist, the only thing is that I have not as yet found a way to print the logo directly on the front page, perhaps we have a member who would undertake this task, or as I call it a challenge, any offers?? All contributions to this and anything else we can print in this Newsletter will be gratefully accepted, don't worry if you have difficulties spelling, or for that matter any branker problems, that is sorted out through the Speller Check program, then we all make the same mistakes, its your ideas and suggestions that we need, its sy job to put it all together, formulating it into BUR Newsletter

I would like to welcome back the new members from last year and also the new members who will be here for the September Meeting, please feel free to utilise our Disk, Book, and Cassette libraries, remember, they are for all club members, and for them to be available as such, please take care of them and return them as requested.

As for the rest of the activy crew, is it necessary for me to welcome you all back once egain? Of course it is, for were it not for you this req would not be worth the effort.

Welcome back, and good luck to you all in 1989. Your Newsletter Editor.

COMPUTERS AND POWER

Courtesy of Edmanton Power.

Some time ago now this printput was issued by Edwarton Power.

Surges in the household current can cause some devastating results, it is no locke to type several pages or a report them the diligent little wife plugs the vacuum cleaner, inadvertently, into the same circuit and instantly wipes out all your work, even switching on additional lights or the furnace cutting in, can semetimes cause a cower surge, with the same results.

Mind you if its the cat getting tangled up in the cord, your at fault for not tucking the cord out of the way, keep that in sind!! Resember it's good practice to save your efforts at regular intervals say every is or Juanas, or before answering the phone, taking a coffee break, or putting in another load of laundry.

isolate your computer as much as you can, don't plug your computer into the same circuit as your microwave or other major appliances. Bon't let anyone plug a vacuum cleaner into the same circuit as your computer while you are working or even vacuum in the same room.

Computers can't always withstand the normal fluctuations that do occur in any electrical system. A reasonable precaution you can take is to buy and install one of the many electronic protection devices on the market.

A variety of surge suppressors are available from most electrical appliance retailers or computer supply stores. These range from \$15.00 to \$200.00 and offer different degrees of protection. Power bars, which lalso serve as an extension from your outlet, have built-in breaker protection and cost around \$50.00.(watch London orug sales, these are available for \$15.00).

If you're really concerned about protecting your data and hardware, you can buy an uninterruptible power supply that will eliminate nearly all fluctuations and damaging surges. Your computer will continue to work on the hattery-compiled power after a power outage which will allow you time to store your data in memory and shut down. But many personal computer users can justify the price, which ranges from \$500.00 to \$3500.00. However, it is worth investigating if other solutions have not helped.

If you are experiencing problems and think the voltage level reaching your home is a possible problem, call Edmonton Power's Trouble Number (428-4994). A voltage recorder will be installed on your service to monitor the voltage for several days at no cost to you.

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