

HUG NEWS

JAN / FEB 91

MEETING SCHEDULE
SUNDAY FEB 10 1:00

AGENDA: FEB 10: Telecommunications

DEMOS:

>> New Place and Time: NPOA Clubhouse
Claridge Drive (see map) Key 530Z

-- 2nd Sunday each month

- Meetings: JAN. 13, 91 // FEB. 10, 91
MAR. 10, 91 // APR. 14, 91
MAY. 12, 91 // JUN. 09, 91
JUL. 14, 91 // AUG. 11, 91
SEP. 08, 91 // OCT. 13, 91
NOV. 10, 91 // DEC. 08, 91
HUG TIBBS - 24-hour BBS - OPEN AGAIN
CALL 300/1200----- 713-495-7368

The Houston Users Group is organized to promote the use of the TI-99/4A Home Computer and the Myarc Geneve (TM). We invite persons of similar interest to meet with us. HUG is a non-profit group and is not affiliated with TEXAS INSTRUMENTS, INC.

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FUNNELWEB 4.31 INFO Library Addendums: Oct-Dec 90 and Jan-Feb 91

1991 HUG OFFICERS

President --- RICHARD LUMPKIN.469-5089 BBS SysOp --- GLENN COX ...495-8931 Membership/VP PHIL NORDSTRAND.326-1916
Soft Libr --- LARRY PIPKIN ...568-1898 Program/VP -- JAMES BARNES ...324-3164 Nwstr Libr - BILL MAUTNER ...463-9557
SIG/VP ----- open ...----- Secretary --- JIM HUTCHISON...437-1973 Cartr. Libr.- BILL MAUTNER ...463 9557
Treasurer --- RUTH HERMAN E..271-4171 N/L Editor RICHARD LUMPKIN.469-5089 Asst. Editor- ART VOLZ ...580-6420

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EXCHANGE EDITORS / LIBRARIANS: IF you have missed an issue of the HUG NEWS OR if you have changed your N/L mailing address lately please let us know!! If you want a copy of our Library Catalog of Programs, please send \$3.00 for disks for DV/80 files, approx. 80 pp. Contact ADDRESSES are: Bill Mautner, 4615 Lochshin Drive, Houston TX 77084; or Larry Pipkin, 12139 Monticeto Dr., Stafford TX 77477; or R. Lumpkin, 11610 Inga Lane, Houston TX 77064; Ruth Herman, 6219 Sanford Drive, Houston TX 77096.

HUG MEMBERSHIP INFORMATION

Annual membership fees for HUG are \$20. A ONE TIME initiation fee, for new members only, is \$5. The initiation fee, used to maintain user group services, entitles the new member to receive any six programs of his own choice from the groups Public Domain / Shareware Disk Library, plus catalog of this library. Members receive all issues of the HUG newsletter, may order programs from the software library and are permitted access to all "user" levels on the Group's bulletin board (BBS), HUG-TIBBS. All renewal and/or new membership fees and applications may be sent to the Group's Treasurer at: Houston User Group, c/o Ruth Herman, 6219 Sanford, Houston Texas 77096; or brought to the meetings. Please direct any questions regarding membership status to the Treasurer. Membership applications are available at the same address, at meetings, or from any of the officers. For information concerning the Group or joining, please contact any of the Officers, see list above. Feb 91 circul.: membership = 58; Exch.= 48; Trial Exch. = 03.

HUG CURRENTS

I STARTED this article some time back in December, and at some point it seems to have gotten lost, or rather the disk that it was on is "lost", so that now I have to start over-- a painful process, believe me.

At the NOVEMBER 11th MEETING of H.U.G. we had 14 members and one visitor, Art Volz, who later joined in December, so we welcome him to the group. Renewals for November were Jim Barnes, Richard Lumpkin, Larry Odensky, and Dene Foye. The November and December Newsletter was given out at the November meeting and then mailed to the non-attendees the first week of December, with the changed meeting date noted (which was not known until the day of the November meeting anyway!). Also attending the November meeting (briefly) were Ruth and Sandy Herman, and they promise a slide show and home movies for the March meeting (just kidding).

Minutes of the October meeting were read, and accepted by motion/second by Larry Pipkin and Ray Beck. Larry Pipkin requested some input for subjects for DOM's for 1991 -- he needs to know what program groups or subjects would be of interest as a collection of programs. Nominations Committee Report was by R. Lumpkin, and Art Volz indicated interest in the position of Asst. N/L Editor. The necessity of reducing the list of Newsletter Exchange Groups was discussed by R. Lumpkin, and the updating of the Membership List and the Exchange Lists was discussed.

At the DECEMBER 16th MEETING there were no further nominations from the floor for the various officer positions, and the slate of candidates as proposed by the Nominations Committee and as printed in the Nov/Dec HUG NEWS accepted by acclamation, on motion by Sandy Herman and second by Art Volz. The list of 1991 Officers is on the first page of this N/L so I won't repeat it here. Suffice to say that they (we) all want for each of the members to feel that he or she is getting something useful and entertaining from being in the group and at the meetings, so if you have any suggestions (or complaints) please don't hesitate to call one of us and let us know.

Phil Van Nordstrand gave a quick demo of the "C-shell" program and described what it is supposed to be used for, but I think we will have to invite him to repeat that in more detail some time in the future--it seems to have some uses which went over some of our heads. Existence of and presence in Library of Funnelweb 4.3i was announced at the meeting.

Kim Peterson donated 12 modules to be used by the group, including several each of Atarisoft "Shamus", "Protector II", and "Jungle Hunt". One of each of these was held for the "Cartridge Library" and the others were given away as part of the "freebies raffle" instead of free

Library programs. Winners were Art Volz, Jim Barnes, and Ray Beck. It was announced that the Cartridge Library was in the process of being returned, since we had recontacted the previous holder and indicated a willingness to pay the shipping!

Also described at the December meeting by R. Lumpkin, was the gift of a complete system of equipment by Giles Reed, a former member, to be distributed and used for the benefit of the Group as needed. Some of this equipment will be given to and used by the group, some disks are going to the Library, and a good bit of software and books and small hardware items will be given away at the meetings as "door" (raffle) prizes.

There are a few items which will be available for sale since they duplicates of HUG items and are not needed for meetings, and the money IS needed in the treasury, including an Impact Printer. Note that this is not a sale or distribution of User Group owned equipment (in violation of the Articles of Association?) since the distribution of the equipment was that some would be sold, some would be given away, and some would be given to the group. We do wish to thank Giles Reed and the other members, past and present, who have over the years given to the Group virtually all the equipment now used at our meetings. It would have been difficult to operate without these donations, and also difficult to have come up with the money to have purchased the same equipment, in addition to the TIBBS equipment which was partially purchased and suchly donated over the years.

Next meeting (January) was hinted at as a BUY/SELL/TRADE date, (which certainly turned out to be true!!)

Balance of the December meeting was the Annual Party, as always, and AS ALWAYS, we had a great time stuffing ourselves and playing with various games and other "toys" set up on three systems. \$14.00 for the meeting room was collected in the "box".

December renewals included Don McCord, Kim Peterson, James Humphrey, Bob McCarthy, and Richard Lumpkin. DOM was (I was there and got one but I don't remember what it was, since I never seem to have time to RUN any of my programs!). Actually, the NOV>DOM was "Man of La Mancha" by Dene Foye; the DEC>DOM was "Christmas Music". But I still don't have time..., etc.

BOARD meeting for December was called by R. Lumpkin and held at the house of Larry Pipkin on Dec. 18th. Discussion was mostly of what needed to be done by and for the Group during the upcoming year. Some of the matters discussed were the intention to make use of the two or three systems available at the meetings to give "hands-on" small group use of and instruction on the programs demonstrated at the meetings. This would also allow small SIGs to operate at the meetings, and would allow repair and/or program configuration activities to be done during the meetings, for those members needing this help.

Another project for some of the meetings during this year will be to get hold of and show some videos of the demonstrations at the various TI Faires. We will probably

be doing yet another members survey in order to try to find out what people in the group have and use, in the way of equipment and software, and what they would like to see and learn about. cont>>>

Equipment testing, repair, rehabilitation, and and programs setup and instruction seem to have shown the greatest number of inquiries, to date.

Also discussed at the Board Meeting was the usage of the HUG TIBBS by the members of the Johnson U.G., which now has only about 12 members (of which three belong to HUG anyway). Motion was made by Jim Barnes and seconded by Glenn Cox to allow the JUG group members to have the same membership privileges as HUG members in order to best serve the interests of the TI users in this area.

Phil Van Nordstrand indicated that he would attempt to re-contact the "lost" members of our group--those who just drifted away over the past few years.

The JANUARY HUG MEETING produced some interesting results; Don Lee, previously unknown to HUG, brought a couple of boxes of H/W and S/W to the meeting and sold some of it -- the rest he still has and if you want to talk to him about it his number is 855-6865. Also, Bill Del Valle, who previously ran the COMPUTERAGE store in Sharpstown Mall, showed up with 6 boxes of good stuff, and sold quite a bit of it, although I had to threaten a couple of times to strangle people to keep them quiet during the meeting, until they could get into those boxes. Sounded like a small riot, and that was just RON TONE grubbing around in there!

I have been told by Bill that he will return to later meetings when he finds the "rest" of his TI stuff, and I have asked him to show up early so that the Flea Market activity could be over before the meeting starts, or at least separated from the meeting activities, since it is highly distracting to the attendees to have all those shiny, old things nearby. This will have to be the policy for ANY sales of "stuff"-- either as part of the regular SCHEDULED SWAP SHOP Jan-Apr-Jul-Oct meetings, 1100 to 1:30, or else early and finished before the meetings, (or else outside on the steps!). If you should wish to contact Bill about what he has and does not have, his number is 870-8869.

During the Jan meeting, Free Program giveaway winners were: Bob McCarthy-5; Glenn Cox-5, and the Hermans-TI/Artist 2.01 (from Gilas Reed items). I expect to give out stuff each meeting like this, instead of the 10-program prize, so if you do not attend, you do not win. Also sold a couple of books out of that box of Reed items (the ones not of general interest and so not good for giveaways). We also received \$9.00 in the "box", but it seems to me that there were more than nine people there???:

Discussed at the meeting was the use by the JUG members of the TIBBS, and also the upcoming programs subjects, at least "what would you LIKE to see upcoming, as far as things to SEE and DO at the meetings??"

Renewals in January were Al Withrow, Lee Reed, Jerry Coppens, and Wiley Harle. We are glad to have these members deciding to stay with us and the TI. Thanks.

HUG BOARD MEETING was held on JAN.22, 1991, at Larry's house. We discussed getting the "New Member Info" sheets updated, something that has NOT been done for about three years now, and also discussed getting info from Phil Van N. on the JUG members who might be interested in attending our meetings, to which they are always welcome anyway. Talked about the Survey of members equip., and equipment maintenance and repair. Also talked about getting the Videos from the LIMA group, and Bob McCarthy said he has tried to contact them on this and not received any answer, and would try again.

It was also suggested as a possibility for raising money for the Group that we might advertise in MICROpendium that the group has an extensive Library of disk programs and then Sell programs by mail order. This would probably violate the Articles of Association in that the Library is to be available to MEMBERS, and might incur other tax and legal problems, so we will not be able to do this, but it MIGHT be worthwhile to put in a few ads in the local Greensheet again and possibly even one in MICROpendium, but it would be nice if they had the GROUP in their list of Users Groups, which I don't think it was there last time!!! And that was after several years of our sending EACH N/L to MICROpendium!!

So it really is hard to keep the name of our Group out there unless we do it by ALL THE MEMBERS letting their acquaintances at various computer clubs stores, and other places where we might encounter those who own and still use the 4A's. Please keep this in mind-- we will try to have some more INFO SHEETS for the Group printed off so you can give them to prospective contacts.

Also discussed and acted on was the need for ordering more blank disks for the Library... Larry had used some of his own for the disks he has been using to trade with TIGERCUB S/W, so we decided to order 300 disks from NEI, for \$66.xx or so. Also discussed was getting telecom programs for the Feb meeting and the possibility of MICRODABE sending over some MODEMS and CABLES for sale, which BOB MCCARTHY said he was going to arrange for this and bring them. Also discussed "the war", of course. Motion to adj. was by Glenn Cox, and 2nd by Sandy Herman.

NEW PRODUCTS FOR OUR T.I. 99/4A and 9640.....

THE ADVENTURE REFERENCE GUIDE by Mickey Schmitt

The Adventure Reference Guide is the "bible" of TI adventure gaming. This remarkable reference is the product of nearly a year of planning, research and writing. This is a large book that lists the almost 200 adventures available for the 99/4A, rates them within their categories, lists the equipment needed to run them, reviews the most significant programs, and even provides lists where they can be obtained. Did you know that most 99/4A adventures can be had for next to nothing? This book will show you where to get them and how. 108 pages. \$14.95 plus \$2.00 S/H write: ASGARD P.O. Box 10306, Rockville, MD 20850 Phone: (703) 255-3085

The TI ADVENTURE COMPENDIUM Disk Set is a set of Fairware and public domain adventures (some requiring Game Modules) available on 10-SSSD disks for \$19.95, 5-DSSD disks for \$15.95 or 3-DSDD disks for \$11.95. These are available from either:

WESTERN NEW YORK 99ers
% Harry T. Brashear
2753 Main Street
Newfane, NY 14108

M.U.N.C.H.
% Jack Sughrue
Box 459
East Douglas, MA 01516

I counted 79 adventures listed in this compendium.

GIANT ARTIST POSTERS (G.A.P.) by NAMELOC SOFTWARE

Paul Coleman has a new program written in "C" that is a support program for T.I. -ARTIST. You can take a full T.I.-ARTIST screen and print it out as a poster in any size from 10"x14" to over 5'x8' ('=feet). You can even print two full screens side by side for an even bigger poster. Load or create a picture using T.I.-ARTIST that takes up a full screen. Then save it as an instance . G.A.P. will load and print it out in banner fashion in a wide choice of sizes. Requires T.I.-ARTIST V2.0, disk, 32K, and an EPSON compatible printer. (and lots of ribbons). Cost \$10. plus \$1.50 S/H and available from NAMELOC SOFTWARE, 3971 S.E. Lincoln, Portland, OR 97214

THE GEOMETER'S APPRENTICE by McCann Software

Mike McCann has produced a 3-D C.A.D. color, light and magic show for the T.I. 99/4A and GENEVE (9640). You can create screens of Lambert shaded objects. The 99/4A can be used to create motion sequences in bit-map mode. The 9640 will be strained to it's limits in all available memory use and color use in 512x212 mode. Objects may be scaled, translated and rotated in 3-D and once created moved from one drawing to another. Both the 99/4A and the 9640 versions are menu driven with the added bonus of the 3-D slides language on the 4A. T.G.A. produces external files compatible with The Printers Apprentice and will print using "Cpixel" user defined pixel shapes in portrait or landscape modes on popular dot matrix printers. Required for T.I. 99/4A: 32K mem., Disk, and XBasic/Ed.Assembler. Required for Geneve (9640): at least MDOS version 1.01, V.99 GPL and E/A. Printers: 100% Epson, Gemini 10X, Star NX, IBM, Panasonic 1091, and T.I. Send check or M.O. for \$39.95 to: McCANN SOFTWARE, P.O. Box 34160, Omaha, NE 68134

PAGE PRO 99 by ASGARD SOFTWARE

A remarkable program that lets you compose a 66 line page full of text, graphics and lines quickly and easily. It's a "what-you-see-is-what-you-get" program with the ability to paste in pictures and type text. Up to 28 pictures of any size or shape anywhere on the page. Type text in any number of large and small and upper or lower case fonts and draw lines anywhere needed. You can type up, down, left or right with full editing. You can window around the page using TI-WRITER keys, and load or save as text file. You can even load a text file and paste it on the page. There are many more options and features. For TI 99/4A and Geneve. \$24.95 plus \$.75 S/H. ASGARD SOFTWARE, P.O. Box 10306, Rockville, MD 20850

Call Sa

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WEST PENN 99ERS JUNE, 1989

charge for copying them without the permission of Tigercub. All of these 100+ programs have been placed on various disks, according to category, in the TI-PD library of public domain and fairware which is offered by Tigercub. The price of the three Nuts & Bolts disks of mergeable subprograms has been reduced to \$5.00 each, postpaid, but documentation will be furnished on disk when supplies of hardcopies are exhausted.

Tigercub has published TI-PD catalog #3, listing 419 disks of public domain and fairware at \$1.50 per disk, postpaid on orders of 8 or more disks. The catalog is available for \$1.00, deductible from first order, from Tigercub Software, 156 Collingwood Ave., Columbus OH 43213. Those who ordered from the previous catalog in the last 9 months have been mailed an update Supplement #9; others may receive it on request.

RAVE 99 Co. expects to begin shipping their New PE/2 Professional Expansion System before the end of August. The delay is because they are adding two new features - a system expansion bus to allow for additional future 16-bit PE cards, and a dual processor backplane to allow both the TI and Geneve to share the same backplane.

KB Computer Concepts has reduced prices of Spinner, Memory Motel and Quizzard to \$6 each and Phrase disks for Spinner to \$4 each. They have also released YALP!, an XBasic lottery number picker on cassette or disk for \$6.00. The address is KBCC, 653 1/2 Fair Ave., New Philadelphia OH 44663.

Barry Traver has released a Coney Games disk of 8 games from the first two volumes of Genial TRAVELER, including 31/Cards, 31/Dice, 31/Sticks, Gale/Game, Nimrow, pennytoss, Shutout, and Tic-tac/Phi. The price is \$10 and the address is 835 Green Valley Drive, Philadelphia PA 19128.

CorComp has been sold to International Diversified Technologies, which has announced that they will continue to manufacture and repair CorComp products. The address is 2211 E. Winston Rd, Suite G, Anaheim CA 92806, phone (714) 635-1815.

Ken Gilliland is setting up a new software company called Notung Software and hopes to have about a dozen titles ready to release at the Chicago Faire in November. These include several TI-Artist Font and Border disks, Disk of the Old West, Disk of the Ancient Ones, The Ring Companion, The Trekkie's Companion, TI-Casino, and a TPA lesson-tutorial book and disks.

L.L. Conner Enterprises now has a FAX machine for placing orders, etc. The FAX number is (317) 423-4879, the voice number (317) 742-8146.

The Texas Instruments Club of Oxnard has released Chess Traps, a monthly series of traps ready to load into the TI chess module; a widget and Asgard's Beyond Video Chess are also required. Each volume, of at least 20 traps, will be \$5 plus \$1.50 shipping. Orders should be sent, and checks made payable to, Charles McDonald, 2204 Calle Bellota, Camarillo CA 93010-2348.

This article was compiled from several sources including Reflections, the Valey of the Sun UG newsletter, the Mid-South UG newsletter, etc.

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(FOR HOUSTON ONLY)

BITS AND BYTES OF NEWS

Local supplier of 1/2 height disk drives, "pulls" from equipment by value-added resellers (meaning, drives which were placed into equipment by the manufacturer, and then removed during upgrades before sale of the equipment):

PANASONIC JU-455-A 360k drives and FUJITSU 360k 5.25" drives, both have proven to work PERFECTLY in TI systems, after pulling off the resistor paks.* Also they have 720k PANASONIC 3.5" drives and other 1.2Meg and 1.44Meg drives,

almost all of them are \$19.95 each. That is NOT a mis-print. I bought three of the 455's and checked them out very carefully, and all three of them were aligned perfectly and exactly on speed as they came out of the plastic wrappers.

::::>>> United Liquidators 713-772-7283
Southwest Freeway, Bissonet Exit, outboard
located at right side of small center just beyond
Minfa's (hanging sign is at OTHER end of center)

* When used with other drives in the system.

Asgard News has been renamed Reflections, and Vol. 2 No. 3 has been published. This high-quality 24-page magazine is published quarterly, at \$12 per year. It is filled with reviews and information on TI products, articles by well-known TI authors, etc., with very little advertising. The address is Reflections, Box 10697, Rockville MD 20849.

Fest West '90 in Tucson had an attendance of about 200, up from previous years. Fest West '91, hosted by the UG of Orange County and the Pomona Valley UG, has been scheduled for Feb. 16 and 17 at the Ramada in Anaheim, across the street from Disneyland. The address of the committee is Bill Nelson, 11692 Puryear Lane, Garden Grove CA 92640.

The 5th International TI Users Meeting (in Europe) will be sponsored this year by the TI Workshop Wiesbaden, and will be held on 29 Sept at Wiesbaden-Erbenheim in West Germany. They expect over 500 participants from Germany, Austria, England, Italy, France, Belgium, Netherlands, Sweden and other countries. Vendor tables are free and admission will be about \$3.00. For further information (in English) write to Gerald D. Turner, PSC 1 Box 8695, APO NY 09633.

TI Workshop Wiesbaden will have available at this meeting their new disk controller which can handle up to 4 drives and format up to DSDD, for about \$212; and their Supermodule II which is a gram simulator in a standard TI module case with 8k RAM space to use as a Supercart. It sells for about \$110. For further information contact them at Eleonorenstrasse 6, 6200 Wiesbaden Germany or call country code 49, area code 6121 (611 after 1 Sept) 307951.

Texaments has released version 3.0 of TI-Base, with many new features. Previous owners can get it for \$14.95 plus \$2.50 shipping by returning both the system and tutor disks to Texaments, 53 Center St., Patchogue NY 11722; those who purchased the previous version after 1 April 1990 can get the upgrade for \$2.50, the original disks, and a dated sales receipt.

Chris Pratt will soon make available a new disk controller which will support up to four floppy drives in all current densities on both 5 1/4" and 3 1/2" drives in TI, CorComp and Myarc formats, and up to four hard drives in various densities. It is reported that the price will be \$225 or \$250.

The long-awaited "Press" has been placed on indefinite hold, and all orders have been returned by Asgard. It appears doubtful that the program will ever be released.

~~Friton has announced that they will hereafter issue only one catalog annually, in the fall.~~

Asgard Peripherals is accepting orders for the Mechatronics 80-column card at \$200 plus \$10 shipping and handling, and expects to be shipping within two months. The new version of this card can be used with an 80-column composite monitor, and features much more reliable internal software by Barry Boone, and a much better manual.

Mickey Schmitt has assembled her many newsletter articles for cassette users into a neat 52-page booklet which is available from her for \$9.95 plus \$2.00 shipping. Her address is 196 Broadway Ave., Lower Burrell PA 15068.

Comprodine has announced that they are now the exclusive distributors of all Great Lakes Software products, which include Certificate Maker 99 and Joypaint 99. The address of Comprodine is 1949 Evergreen Ave., Fullerton CA 92635, (714) 990-4577.

Asgard Software has formed a subsidiary called Asgard Peripherals to produce new TI and Geneve hardware products. The address is P.O. Box 10697, Rockville MD 20849, (703) 255-3085. Page Pro 99 is now in version 1.6. Owners of the previous versions can upgrade by sending their program disk and \$4.00 to Asgard Software.

Tigercub Software has released all copyrighted Tigercub programs, except the Nuts & Bolts disks, to the public domain, with the provision that no one may



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THE NEW FEATURES OF FUNNELWEB v4.31 described by Charles Good Lima Ohio User Group

It's here! It's what all 40 column users have been waiting for all their 99/4A lives. Accompanying this issue of BB&P are disks with FUNNELWEB v4.31 going to all user groups on our newsletter exchange list and all paid members of the Lima User Group. Any other INDIVIDUAL or USER GROUP can obtain these files by sending disks (4 SSSD, or 2 DSSD, or 1 DSDD) and a paid return mailer to the Lima User Group at P.O. Box 647, Venedocia OH, 45895. We charge no copy fee.

I know there are many 40 column users who have not bothered to upgrade to more recent versions of Funnelweb because the enhancements added since v4.21 have largely been available only to 80 column users. Now ALL 99/4A users can have access to the full range of features available from Funnelweb, particularly Funnelweb's special utility called DISK REVIEW (DR). Funnelweb's 40 and 80 column DISK REVIEW is so neat that most users will want to configure Funnelweb so that DISK REVIEW pops up immediately upon entry to the Funnelweb environment. The new features of v4.31 make it worthwhile for all Funnelweb users to upgrade from previous Funnelweb versions, and upgrading is easy. Load your previous version's SYSCON file into Funnelweb v4.31's CONFIGURE by pressing S(ysinfo) and then L(oad). Then press BACK and I(nstall) your old SYSCON data into v4.31's LOAD and FW files. You can use your previously configured user lists (files UL and DI) unmodified with the new Funnelweb.

40 and 80 column DR now contains a complete set of disk management functions. Disks can be FORMATTed (S,D, or Quad density), VALIDATED, RENAMED, and SWEEPED. Whole disks can be automatically copied, file by file, to multiple drives. You can put your master disk in drive 1, press a couple of keys, and copy all the files to DSK2, DSK3, and DSK4 while you go have a cup of coffee. You can copy a file back onto the same disk under a different name. You can also copy file by file using a single drive with prompts for inserting master and copy disks. Single drive copying is a feature not available on the 80 column version of DR. File copy uses a 46 sector buffer and proceeds faster than file copying using DSKU and a little slower than DM1000.

Individual files can be PROTECTED, UNPROTECTED, DELETED, and (if accidentally deleted) RECOVERed. If you have a MYARC ramdisk you can CALL PART and CALL ENDK from within Funnelweb's 40 or 80column DR. If you have a Horizon ramdisk with RUS 2.1 or higher you can DR and DRWF from within DR. If you have the Australian QUEST ramdisk you can do AON and AUF from within DR.

Funnelweb's 40 column DR also includes a full feature sector editor that does everything the 80 column DR sector editor does except display the sector simultaneously in ASCII and HEX. There just isn't room on a 40 column screen for this type of display. You just move the cursor next to a file name in a disk directory and press I (for Inspect). You are then given the opportunity to examine and edit the sectors of the file or to search for a string (ASCII or Hex string with wild card option) within the file. You can also search a whole disk for a string, or examine and edit sectors by absolute disk sector number. This is a very full featured easy to use sector editor. V4.31 of Funnelweb no longer contains DISK PATCH for sector editing, because DISK REVIEW is so much better.

The new 40 or 80 column DR gives direct access to BOTH of Funnelweb's central menus displayed simultaneously on screen. Just move the cursor next to a central menu entry, press <center> and boot the indicated program.

You can, of course, do all of the neat stuff already available in the v4.21 40 column DR. You can bring up a disk directory, move the cursor next to the name of a RUNable file, press R, and RUN the program. This can be done for ANY kind of runnable program, including XB stuff that lists as 1V254. You can view ANY file on the screen by moving the cursor next to the file name and pressing V. The view buffer has been reduced to 8K in order to make room for all the additional features described in the preceding two paragraphs. Unlike the v4.21 40 column DR, when the V(iew) buffer of v4.31 is full viewing stops. You can then either examine what is in the V(iew) buffer or continue to view the rest of the file and overwrite the top of what is already in the V(iew) buffer. You may at any time print part or all of the contents of the V(iew) buffer to a printer or to a disk file.

Besides the greatly enhanced 40 column DR, v4.31 has other new features. It is now possible to bring up Quick Directory (by pressing AID, FCTN/7) and mark a file with the space bar FROM WITHIN the Formatter and Assembler. In the case of the Formatter, the newly marked file does not appear on the formatter screen until you move the cursor one space within the work file name as it is displayed on the formatter menu. This procedure is strange, but it does work and it is certainly better than being totally unable to mark files from within the formatter.

A really nice new feature is the ability to use any alternate character set within the editors. This allows you to use a foreign language character set in place of Funnelweb's C1 and C2 character sets to display foreign

language characters on screen. To specify a special character set, go to a Funnelweb central menu and press FCTN/Y (BACK). Answer N to the QUIT? prompt, and then you will be given the opportunity to specify the file name of any alternate character set. Such file names must be two characters long and the CHAR files should already be in the appropriate TIM or E/A Funnelweb drive or subdirectory. We have included some public domain foreign language CHAR files with our distribution of v4.31 for use in this way. The little used keystrokes that normally display such things as !(){} display instead foreign characters with these files. These additional CHAR files added by us are NOT part of the official Funnelweb 4.31 package as received by us from Tony McGovern. C3=French. C4=Spanish. C5=German. C6=Italian. C7=Swedish.

Those with 80 column systems (GENEVE, or 99/4A with 80 column device) can now use the 80 column DR to view MYART pictures in up to 256 colors. Just move the cursor next to a picture name in a DR disk directory, press V(iew) and the picture pops up on the screen. The background color of the picture can then be altered to enhance viewing pleasure before finally returning to the DR disk directory. MYART picture viewing, and a simultaneous ASCII/HEX sector display are the only two features of the 80 column DR that are lacking in the new 40 column DR.

This is a major update, particularly the enhanced 40 column DR. If you use the new features of 40 column DR you should send the McGoverns an additional fairware donation (cash, traveler's cheque, or international money order) over and above what you have already paid for other parts of Funnelweb. Tony McGovern writes that he is planning to get an Amiga and start programming for this device. Will McGovern already has one. Some \$\$ and an accompanying letter of appreciation will help maintain the McGovern's interest in the 99/4A.

Below is a commented directory of the Funnelweb v4.31 files in DSUB format. The comments accompanying each file name have been added by me and should aid Funnelweb users in figuring out what each file does.

Filename	File Type	Size	Comment
-READ-ME	D/V	80	47 Tony McGovern introductory comments
-READFIRST	D/V	80	13 Charles Good's introductory comment
AK	PGM	8066	33 ARCHIVER v3.03
AS	PGM	8192	33 Assembler, part 1
AT	PGM	5354	22 Assembler, part 2
C1	PGM	1024	5 Text editor character set
C2	PGM	1024	5 Programmer's editor character set
C3-C7/ARC	I/F	128	11 Foreign language char sets, archived
C99PFI;0	D/F	80	2 use with c99 programs
CF	PGM	7994	33 CONFIGURE, part 1
C6	PGM	6226	26 CONFIGURE, part 2
CHAKA1	PGM	1024	5 char set for use with DSKU v4.2
CP	PGM	587	4 use with c99 programs

CTBK/U	D/F	80	17 installs Funnelweb on SUPERCART
D1	PGM	542	4 DISK UTILITIES user list
DR	PGM	8192	33 40 column DISK REVIEW, part 1
DR80	PGM	9884	40 80 column DISK REVIEW, part 1
DR81	PGM	7922	32 80 column DISK REVIEW, part 2
US	PGM	7652	31 40 column DISK REVIEW, part 2
DU	PGM	8192	33 Disk Utilities V 4.2 Part 1 of 3
DV	PGM	8192	33 Disk Utilities V 4.2 Part 2 of 3
DM	PGM	7424	30 Disk Utilities V 4.2 Part 3 of 3
EA	PGM	1860	9 need on disk to boot assembly stuff
ED	PGM	8192	33 40 column editor, part 1
ED80	PGM	8192	33 80 column editor, part 1
ED81	PGM	5080	21 80 column editor, part 2
EE	PGM	4328	18 40 column editor, part 2
FU	PGM	8192	33 FORMATTER, part 1
FP	PGM	3620	16 FORMATTER, part 2
FSAVE	D/F	80	7 creates assembly PROGRAM files
FW	PGM	8152	33 main FUNNELWEB program, boot from EA
FWDOC/DR40	D/V	80	75 40 column DR doc, part 1
FWDOC/DR41	D/V	80	64 40 column DR doc, part 2
FWDOC/DR80	D/V	80	119 80 column DR doc, part 1
FWDOC/DR81	D/V	80	89 80 column DR doc, part 2
FWDOC/EASM	D/V	80	37 Editor/Assembler loader doc
FWDOC/EDEV	D/V	80	47 80 column text editor doc
FWDOC/LOAD	D/V	80	49 LOAD doc, general description of FWB
FWDOC/REPT	D/V	80	58 bug and update report
FWDOC/TIWR	D/V	80	32 TI Writer doc
FWDOC/UTIL	D/V	80	49 Describes FWB utilities
LDFW	D/F	80	11 Boots FW from EA
LH	PGM	3836	16 Line Hunter, a programmer's utility
LL	PGM	2064	10 need on disk to boot LOW LOADER file
LOAD	PGM	7661	31 the main Funnelweb program, from XB
WD	PGM	2622	12 QUICK DIRECTORY, part 1
WF	PGM	2544	11 QUICK DIRECTORY, part 2
SCRIPT	D/V	80	4 sample SCRIPT LOAD file
SL	PGM	2130	10 need on disk to boot any SCRIPTLOAD
SYSCUN	PGM	1214	6 use with CF/C6 to store config data
UL	PGM	542	4 main USER LIST
XB4THLD	PGM	203	2 boots TI FORTH from XB user list

****DONE****

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****DONE****