BAY AREA MICRO DECISION

USERS ASSOCIATION

(BAMDUA)

NEWSLETTER
OCTOBER 1983
VOL.1 ISSUE #6

A mutual support network for users of

Morrow's Micro Decision Computers.

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#          BAY AREA MICRO DECISION USERS ASSOCIATION                       #
#              A Morrow computer users' group                              #
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Monthly newsletter, Vol. 1, issue 6, October 1983

BAMDUA, P.O. Box 5152, Berkeley, CA 94705
(415) 658-0152

BAMDUA, the Bay Area Micro Decision Users Association, is open to all who are interested in Morrow's Micro Decision computers. Membership fee is currently $12 per year and includes a subscription to our monthly newsletter. For information, membership application forms, etc., please send a self-addressed stamped envelope to the BAMDUA P.O. Box.

BAMDUA meetings are held every last Tuesday of the month.

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++ Next meeting: +++++++++++++++++++++++++++++++++++++++++++++++++++++++
+                                                                        +
+    WHEN:  Tuesday, 25th October 1983, 7:30 PM                          +
+    WHERE: Cal State College Hayward                                    +
+           South Science Building, room 147                             +
+    HOST:  Marvin Winzenread, our librarian, who will                   +
+           demonstrate to us his array of MD-2's all                    +
+           interconnected via a larger computer.                        +
+                                                                        +
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How to get there by car: From Nimitz freeway (17) take the Jackson Street/San Mateo Bridge exit going East. After one block go right on Harden. Keep going a couple of miles all the way into the Cal State campus, which is on an obvious hill. Once on campus (top of the hill) take 2nd left and park in the parking lot. Proceed walking in the same direction as you came to the end of the block where you will find the Sience Building.

How to get there by BART: Get out in downtown Hayward. Take the bus marked Cal State Hayward to the campus; count on 20 minutes including wait for the bus. Get off at Science Building.

In the South Wing of the Science Building look for room 147 on the ground floor. There will be a BAMDUA sign.

The first part of the meeting will deal with business items. Then our guest speaker will take the floor. During the last half hour, small interest groups will discuss issues. This is your chance to make valuable connections and share information person to person. Also during this period, Library diskettes will be sold ($5 per volume, checks only please). Membership applications will be accepted.

Anyone is welcome to the BAMDUA meeting. If you are new
to the scene, seek out someone who looks like a BAMDUA member
(90% of the meeting participants are) and ask him about our
organization. PILOT Manuals will be available at the next
meeting.

MINUTES OF BAMDUA MEETING OF SEPTEMBER 27, 1983

(Held at the West Branch Berkeley Public Library, 7:30 p.m.)

HOUSEKEEPING AGENDA ITEMS

1. By-Laws. The proposed by-laws which appeared in
    the September issue of BAMDUA's newsletter, were
    seconded and unanimously accepted. Congratulations
    to all!

2. Meeting Location. BAMDUA's staff will check out
    two leads in San Francisco. Until the end of the
    year, meeting locations will alternate between
    Berkeley and San Francisco. Stay posted to the
    newsletter for details.

3. Library Report. Marvin Winzenread announced the
    latest addition to our software library - Vol. 4 of
    games. Soon to be released will be a volume of
    assembly language related programs. Marvin
    quizzed our group for more suggestions. Top on the
    priority list was a utility that will allow us to
    program the function keys on our terminals. Have
    any leads? Want to buy BAMDUA software by mail?
    Use the mailorder forms printed in each newsletter.

4. Treasury Report. Ken Briney announced that we have
    #742.67 in the bank (as of the end of August). No
    great sum, but we're in the black. In order to
    offset growing costs of the newsletter, software,
    and other organizational needs, we may need to
    consider raising our membership rates.

GUEST SPEAKER - GEORGE HAYS; ACCOUNTS SUPERVISOR, MORROW

We had a short but intense visit with George Hays
who kindly stopped by to talk with us. The
following is a summary of our discussion:

Since Osborne Computer recently closed up shop, a
member asked George about Morrow's financial
health. Morrow's in good shape, he said, showing
profits at the end of each quarter. The company is
finding it difficult now to meet the ongoing demand

to stockpile parts. They've also begun to run a
promo campaign on TV which made its debut on a Bob
Hope special several weeks ago. Catch it on your
favorite TV show...

For your information, the AIDS Computer Store in
San Francisco has changed both its name and
location. It is now ComputerSphere and located at
120 Montgomery Street. They can be reached at 434-
2980.

George was asked about
Morrow's new product line.
The MD-11 hard disk, he
said, will be available mid-
Novemberish. It will be
priced around $2200 - $2500.
There will be no upgrade kit
available for MD 2's and
3's. This caused some
consternation. One member
said that the idea of a
"throw-away computer is
rather disturbing."

On the documentation front, PILOT manuals are now
available. (Be in touch with your dealer if you
didn't receive one at our last meeting.) Also,
George mentioned one person at Morrow is now
compiling a catalogue of CP/M compatible software.
(Her name has been omitted to shield her from phone
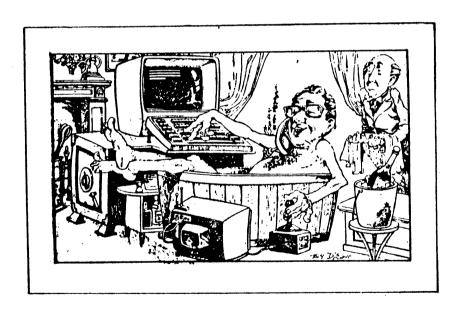calls.)

SPECIAL INTEREST GROUPS

In addition to our usual corner gatherings, we had
a demonstration of a PIGGY-BANK(tm) RAMDISK by E-
Systems in Berkeley. This memory board adds 384k
bytes of bank-switched memory that can be used as a
ramdisk or as bank-switched memory, or both. For
more info, call E-Systems at (415) 486-0686.

FUTURE MEETING LOCATIONS.

Most of our members live in San Francisco and the East
Bay. Refer to the membership geographical tally elsewhere in
this issue. We started out with meetings in San Francisco;
then we had a few in Berkeley. Now we are planning on
alternating meetings between San Francisco and the East Bay,
probably Berkeley.

The November meeting will be after Thankagiving on Tuesday evening November 29th, 1983, in San Francisco. We were given the free use of a splendid auditorium at San Francisco State University. Read the next newsletter for details. The meeting after, we will be back in Berkeley again, -- Tuesday December 27th, 1983. George Morrow, who was unable to attend our October meeting is now scheduled for the December meeting.

We have a smattering of people who live far away (San Jose, Stockton) or very far away (Seattle, Montana, Canada). The former ones may choose to start a group themselves. We'll get you in touch with each other when there is a sizable number of you in or near a remote city and we'll give you a hand getting started. The really-far-away group will be with us in spirit, mainly via the newsletter and via the library issues.

FREEDOM FROM THE STATUS LINE AND MORE

If you have a Freedom 50 or similar terminal you probably have been staring at the glaring status information on line 25. Many people still want to know how to get rid of it. This is how. Enter the following two characters (no space in between!):

<LCL ESC> g

To get <LCL ESC> hold the shift key down while hitting the ESC key once; now let the shift key go and hit the lower-case g. Voila! The status line is gone. In case you want it back -- but who would want to -- enter:

<LCL ESC> h

Is somebody looking over your shoulder and you want to hide your love letter in progress by erasing the screen? Enter:

<LCL ESC> :

When the terminal is logically connected to the computer (ON-LINE or Full Duplex Mode) the computer tends to get terribly upset when you enter "escape sequences" like <ESC> g on the keyboard. Better to keep your conversation with the terminal private by using "local escape sequences" like <LCL ESC> g .

If you want to explore your private conversations with your terminal further it is convenient to go in OFF-LINE or in local mode. This mode is set by entering:

<LCL ESC> D L

Local mode means that whatever you enter in the keyboard does not go further than the terminal; it is not sent to the computer. Now the terminal is OFF-LINE. The computer won't receive anything you send to your terminal from the keyboard. Now it is OK to use <ESC> instead of <LCL ESC>.

Turn to page 34-39 of your Freedom manual and start exploring. When you have had enough and want to go ON-LINE with the computer again enter:

<ESC> D F

Hit RETURN. If CP/M is running the familiar A> prompt will be with you once again.

TIPS ON PIP

The famous CP/M utility PIP can help you to create text
files without using your word processing program. This is
particularly useful for the creation of envelopes and labels.
PIP has many capabilities and features you might not have
dreamed of. Let's explore a few of them.

There is an excellently written article in the Kaypro
magazine PRO/FILES about PIP by Steve McMahon, famed
librarian of BAKUP, the Kaypro users' group in the Bay area.
Here is one dedicated micro afficionado who knows how to
write simple and clear English, with a nice touch of humor.
The following article deals with some of Steve's material,
using a different approach.

NOTE: If you really want to dig into PIP's various
attributes read the book by Digital Research: "An
introduction to CP/M features and Facilities".

* * *

Seat yourself in front of your terminal and try out the
following examples as we go along. TYPE THEM EXACTLY AS THEY
APPEAR. MAKE SURE TO ENTER ALL COLONS.

Load your CP/M disk in drive A: and a floppy with some
space in drive B:. Let's create a text file with PIP as if it
was a (very crude) editor. In the following examples all that
is underlined is what you type. Everything that is not
underlined came from the computer. <CR> means you hit the
RETURN key. <LF> means you hit the LINE FEED key.

A>PIP B:MYFILE.TXT=CON: <CR>

Now type a few lines of text. Terminate each line with
both a <CR> and a <LF>. To complete the file type CONTROL-Z
(depress the control key while hitting Z once). Now you get
the A> prompt again so you will know you are back talking to
CP/M. MYFILE.TXT is now stored on your floppy disk on drive B.

You can display the file on the screen again by entering
after the A> prompt:

A>PIP CON:=B:MYFILE.TXT <CR>

* * *

Notice that PIP works as a conduit for information.
Information always flows from the right side of the equal
sign to the left side of the equal sign:

PIP <destination> = <source>

Destination and source can each be either a file or device. File to file transfer happens when you copy a file:

        A>PIP B:COPYOFMY.FIL=B:MYFILE.TXT <CR>

    Device to device transfer happens when you transmit the keyed-in line directly to the list device, which is your printer:

        A>PIP LST:=CON: <CR>

    This can serve as a quick way to see if your printer works. Or to print an address on an envelope. Or to print a few labels. As you will notice as you try this out, the printing of each line only happens after you terminate that line with a <CR>. To start a new line first go down one line by hitting <LF> .

    To return to CP/M type CONTROL-Z.

    If you want to transfer many files with similar file names, use the ambiguous file name feature. Rather than MYFILE.TXT you would type *.TXT to refer to all files with the extension TXT. When you say *.* then PIP will understand that you mean to have all files (with any name and any extension) transferred.

    PIP also has helpful parameters. You add those parameters to the end of the command line between [] square brackets. Be sure the first square bracket follows the last character of the file name or extension. No spaces in between!

    Say you want to print out a file with line numbers added to the beginning of each line. Legal people seem to love that for some reason.

        A>PIP LST:=B:MYFILE.TXT[n] <CR>

    Now you want to add the feature that will send a FORMFEED control character to the printer every 55 lines (p55). You also want to chop off lengthy lines after column 72 (d72). In addition, you want each tab character in the file to be printed as 8 spaces (t8). No, let's make that 5 spaces (OK, t5). And, oh yes, let's have line numbering too, please (n). This is what you enter in the keyboard:

        A>PIP LST:=B:MYFILE.TXT[p55d72t5n] <CR>

    It does not matter in which sequence the parameters appear, because PIP is smart and can sort it all out with ease and grace. PIP and CP/M don't mind whether you are using caps or lower case, its the same to them.

    By the way, when copying files with PIP it is a good idea to verify the transfer (to check if it all came accross

allright) by adding [v], the verify parameter:

A>PIP B:COPY.TXT=B:ORIGINAL.TXT[V]

Whenever PIP has executed command lines as given in the
examples above it will return you to CP/M. What if you want
to stay in conversation with PIP a little longer? Use the
"interactive mode"! After you execute PIP as shown below
(without anything after the word PIP) PIP will offer you its
own prompt: * , the asterisk. This is to remind you that you
are talking with PIP (*) and not with CP/M (A>).
Remember, if you want to end the conversation with PIP you
type CONTROL-Z. Here we go:

    A>PIP <CR>
    * LST:=B:MYFILE.TXT [np55t5d72] <CR>
    * LST:=CON: <CR>
    Goodnight, PIP, so wonderful to talk to you.<CR><LF>
    I am going to sign off now, talk to you later.<CR><LF>
    <CONTROL-Z>
    * <CONTROL-C>
    A>

You're on your way now. Have fun. Read that article.

FURTHER ADVENTURES WITH MODEM7   by Sypko Andreae

If you call the BAMDUA number (415) 658-0152 and it is
busy, chances are it is doing modem service. You can send
your newsletter articles over the modem by appointment (we
don't have a RCPM yet). You can also send Library
contributions over the modem. However, when your files total
over 32kB please revert to the mailed floppy. At 300 Baud it
just takes too long. See story at the end of this article.

Are you ready? All you need is the simplest of modems
and a modem program that will work on the Morrow computer.
Any of the versions on the first BAMDUA Library diskette will
do. Here is what you do to get files to BAMDUA:

    - Call (415) 658-0152 and make an appointment. Agree on:

        - Baud rate to be used (300 and 1200 available)
        - What MODEM PROGRAM to use
        - Start time of the transmission ("in 3 minutes")
        - File name (state length of file)
        - Batch or non-batch mode
        - What to do when things go wrong

    - Hang up; go to your computer; run MDM7UDEC or cousin.
      When you want to send one file tell the MODEM7 menu:

        SB:YOURFILE.TXT <RETURN>

Call 658-0152 again. It rings a few times, then you hear a long beep tone. If your modem is doing the proper thing you will hear another long beep. At the other end the BAMDUA's console has been patiently displaying: "AWAITING # 01", etc., while you were frentically trying to get ready.

If all goes well, the two modem programs start their handshaking and soon your file is on its way to BAMDUA. You can watch its progress by the little messages that flash on your screen every 5 seconds or so: "SENDING # 1F", etc. When the file is completely transferred you will see a message to that effect, and you can hang up.

If you want to send a bevy of files, for instance all the files on drive B: with extension .ART (for article!) the do:

        SB B:*.ART <RETURN>

The B after the S of "send" stands for "batch". You will see each file name announced as it is being readied for transfer.

Do you need an auto-dialing modem for this? No, manual is fine. Do you need an auto-answering modem for this? No, but BAMDUA does and happens to have one. Accoustic modem OK? Sure, but turn the kids low or off during file transfer.

Did you read the MODEM documentation on BAMDUA Volume # 1? If only every hacker could write English for consumption of human beings! Try to get hold of the excellent article on MODEM7 and its hundreds of versions in issue # 3 of the bi-monthly magazine "USERS' GUIDE TO CP/M" (P.O. Box 3050, Stanford, CA 94305, or call (415) 851-4836). The name of the article by Kelly Smith and Tony Bove is "DOWNLOADING FROM RCPM SYSTEMS". A very informative and clearly written article on how to use MODEM7 to talk to Remote CP/M (RCPM) and Computerized Bulletin Board Systems (CBBS). If you know of any other crisp and clear articles about modems drop BAMDUA a note and we'll list them in the next newsletter. Many people need to understand how to work with these modulator-demodulator devices.

Before you buy a modem check with members of the users group. To try to understand all the different features you need is confusing to most of us and sales people will overload you with feature requirements that may not exist. Perhaps you may be able to hitch on to a good deal, but talk to several people first. (In this issue is an updated list of people on the "Mutual phone support" network; use it. Also, check out the article on the Business Computer Network. Ed.)

...

Now our war story: The other night Dan Robinson called up to transfer a file to BAMDUA. Inexperienced as we both were, we did not make any of the proper agreements outlined above, but just decided to wing it. Everything started out fine. After doing the dishes I checked -- our computers were still at it! Could anything be wrong? It had been nearly half an hour. I went to another phone to call Dan, but his line was busy. Damn! Oh, of course ...

What if it was just looping or something, trying to transmit te same block over and over again? Should I break it off? But that would be a terrible thing to do if all is OK but it is just a   v e r y   l o n g   f i l e . . . .

The thought of having to start the transfer all over again kept me from boing anything drastic. But after 45 minutes I got out my calculator. 300 Baud is about 27 characters per second. That means 96kB in an hour! What file is this?

It was late and I went to bed. Just when I turned off the light something said "BEEP" in the back of the house where the computer lives. Curiosity got the better of me and I went to check: "TRANSFERR COMPLETED" the console beamed proudly in the dark. It was the longest assembly source file I had ever seen on a Micro, weighing in at 97kB!

Then I learned to ask first: "How long is your file?" before agreeing to a modem transfer. Dan in the mean time had gone to find a second phone; tried to call me but had the phone number wrong. So much for good preparation at what first seemed such a simple time saving activity.

THE PIGGY-BANK (tm) RAMDISK FROM E-SYSTEMS

What is a RAMDISK? Something that can in a way act as a very fast floppy drive, but it is not a floppy drive at all.

The RAM disk operates three to 20 times faster than an actual disk because there are no moving (floppy disk) parts. For those who are primarily involved with heavy-duty word processing, a RAM disk can eliminate delays. Every time you hit a key, you get an immediate result.

Since the RAM disk is interfaced to the computer in the same way an actual drive is, the computer is "bluffed" into thinking it has another disk drive.

E-Systems of Berkeley has made a 384k bytes RAM device that can be used as a RAM disk or as bank-switched memory or both. The bank-switching feature of PIGGY-BANK(tm) works only if you have a version of CP/M that is capable of doing the actual bank-switching, like CP/M+ (CP/M 3.0). Most of us have CP/M 2.2 .

If you have the proper CP/M you can, for instance, add an extra 64kB to your overall memory space, while using the remaining 320kB as a RAM disk. Having both features in use at the same time is kind of a rareity.

It is called PIGGY-BANK(tm) because the 384kB bank of memory with its control logic fits on a board which rides piggy-back on the computer board of the Morrow Micro Decision, that is: You mount it sort of on top of it.

That is the trick they use to get around the lack of expandability inherent to the Morrow MDs. The manufacturers claim that the whole thing can be installed by the user in less than 30 minutes. There is a small manual available to tell you every move you should make, screw by screw. You may be able to obtain a copy of those instructions before you buy. It also offers some explanation about how it works.

NOTE: Back up everything from the ramdisk that you want to keep before you turn the power off, or all your ramdisk stored files are gone (silently). Use the CP/M DIR command to find out if your files are being temporarily stored on the RAM disk.

E-Systems offers BAMDUA a discount of 20% off the current list price of $795 if six BAMDUA members order at one time. Call E-Systems for more information at (415) 486-0686. Then drop a note to BAMDUA if you get really interested. If we get six people together we will coordinate an order. E-Systems is located in Berkeley at 2308 Fourth Street.

THE BUSINESS COMPUTER NETWORK (BCN)

Business Computer Network or BCN is a way to explore and use all the famous data bases and networks at reduced rates via local (uplink) phone numbers. To get the smoothest use out of BCN you need a modem with the "auto-dial" feature. A Hayes Smartmodem II is more than adequate to do the job.

What is an auto-dial modem? It is a modem that allows you to dial out using your keyboard or by means of a program you run in your computer. That is what BCN does, it dials all

the proper numbers for you. To help you get an auto-dialing modem cheap you can mailorder a Signalman VII from them for about $100.

You start by applying for BCN membership (about $5/month) from your keyboard. After you boot up the floppy and run BCN, it somehow knows you are new and asks you if you care to join. If you do, you apply right then. The second you are through applying, the BCN program start calling out and tells the Wyoming office they have a new member! Then they check if your Master Charge card is for real. If so, you are in business. Look, Mom, no papers!

Now you are ready to roam the vast expanses of the data based network world, chat with total strangers, check the weather or the stockmarket. But only if you have a Kaypro! So we called the BCN people Wyoming. How about us Morrow users? Wait, wait, they said. Just like you we just got started and we only have a version for the Kaypro right now and the IBM PC will be next and, what was your computer again? Morrow, we said, Micro Decision; why don't you come out and tell us about it at our meeting? They said they would like to if only there were more of them.

Well, we'll see what happens. May they grow as fast as Morrow, or BAMDUA for that matter. Keep your ears to the ground.

COMPUTER SWAPS AND EXPO'S

BAMDUA has been invited to "man" a booth at two computer shows. There are benefits: if you "man" a booth you will get a free ticket! The shows are:

COMPUTER SWAP AMERICA, Saturday Nov. 5th, 1983, 10AM TO 6PM. Santa Clara County Fairgrounds, 344 Tully Road, San Jose. Admision $5, free admission for the booth tenders.

OAKLAND COMPUTER SHOW, Nov. 11th through 13th, 1983. New convention Center, 10th and Broadway, Oakland. Admission $5, free admission for the booth tenders.

The booth in each show is 10 X 10', enough for a table and and two chairs.

You'll meet many people and you get to visit the show for free. In return, you'll sell back issues of the BAMDUA newsletter, and let more people know about us. If you are interested, write or call BAMDUA. Only seven tickets are available on a first come, first serve basis. If you win, plan on spending half-time at the booth --all a human being can take while staying a human being!

FILE TRANSFER BETWEEN DIFFERENT MACHINES

Every Micro computer, even though they may use the same 5" floppies, prides itself on its own unique disk format. The result is that it's hard to transfer files from one machine to another. True, you can use modems but at 300 Baud that is 20 minutes for every 32kB of file -- unpractical for long files.

Our Kaypro friends can use a program called UNIFORM. Running on the Kaypro II (and IV and 10, I believe) it can make the B: drive operate as if it was drive for another computer. There is currently a choice of 14 computers the Kaypro can communicate with including Morrow SSDD, IBM PC CP/M-86 SSDD, OSBORNE, DEC VT180, TRS-80 Mod I, etc.

Wouldn't you wish we had a UNIFORM for the Morrows? Well, it is coming in an expanded (22-computer) version. We talked to the manufacturers, Micro Solutions in DeKalb, IL. There is a possibility of a special introductory deal for our users' group. If enough people sign up, we can get the software plus a tiny manual for a little more than half price.

We will do this only once! Your cost will be $ 30 or less. If you are interested, reserve a copy by mailing a $30 check to BAMDUA. Include a note that says what the check's for. The check will not be cashed untill the deal is made (early November). If it falls through or it takes too long we'll mail back your check.

A DREAM TODAY COULD BE A PIPELINE TO MORROW

Wouldn't it be nice if we had a direct pipeline to Morrow? Some hot-line with friendly, helpful and capable people on the other end? We all have dreamed of that facility. But Morrow is not ready to provide that kind of

service. They are growing so fast they can barely keep up
with themselves.

        In the meantime, BAMDUA and Morrow will try an
experimental service.

        Every member can send in written questions about Morrow
computer related problems to the BAMDUA P.O. Box; the
questions will be referred to the most qualified person
available within the Morrow organization. Answers will filter
back and be published in the newsletter. Of course you may
have to wait for your answer to come back, but that is not
uncommon with magazines and other publications.

        Questions can be mailed in to BAMDUA P.O. Box 5152,
Berkeley, CA 94705, or they can be generated from the "pass-
the-notepad" procedure which we will introduce at the next
meeting. Let's give it a try and see what happens.

        A real live hot-line to Morrow may or may not be in the
future. But refer to the article in this issue about plans
for a cooperative consultants referral system. We may get a
hot-line of some sort yet.

INTRODUCING "PASS-THE-NOTEPAD"

        The idea of "pass-the-notepad" is borrowed from a well-
known users group. It has served them well for years. We
would like to develop this procedure for BAMDUA.

        At the next meeting we will pass around two or three
note pads. You can write a question and sign it with your
name and phone number(s).

        If yuo thinkyou have the answer, write it down beneath
the original question. Add your name and phone number.

        If you write legibly, we will publish all the questions
and answers in edited form in the next newslettter.
Unanswered questions will be forwarded to Morrow. Questions
with dubious answers will also be forwarded to Morrow for an
accuracy check.

        Below follows an example of what the edited questions
and answers may look like in the following newsletter:

        ##   Who can help me configure my "Rapid Typer" printer
              to WordStar. Having a terrible time. Dorothy
              Cheaper, (415) 111-1234.
              (Referred to Morrow, Ed.)

        ##   Does anybody know how to get hold of memory
              diagnostics? Stan Chipman, (415) 999-1234
        ->   Sure, they are in Volume # 235 of the BAMDUA

library and   they are moderately effective. Marv.

Who would be willing to tutor me with Personal
      Pearl? I need to learn quick and will pay you little.
      Paula Filer, 888-1234.
->   Call me, Steve Baseman, 777-1234
->   Call me too, Hank Hacker, 666-1234
->   Read the damn manual! I did not write it for fun!
      Jonathan Writehand (Do not call me.)

   Mail in your comments on this procedure, or tell us what
you think of it at the next meeting.

PLANS FOR A CONSULTANT REFERRAL AND HOT-LINE SERVICE

   During the last meeting some people brought up the idea
of shared computer (hardware and software) consultants. At
least one person felt that he would pay a much higher
membership fee if such a service was available through BAMDUA.

   There are some things to keep in mind -- BAMDUA was set
up on the basis of low expense for its membership. But it is
possible to institute some referral and hot-line service for
those who want to pay for it on a contract basis.

   We have been trying to discuss the idea with two local
consultants associations in the Bay Area. Perhaps we could
develop a procedure whereby "hot-line" members can call an
answering service set up by a group of consultants.

   A person on the other end would match a caller to a
consultant. "Hot-line" members could be entitled to, say, 10
calls per month for a basic "hot-line" membership fee. If the
quota of calls in a given month is not used up, call-units
could accumulate to be used in the next month and so forth.

   A phone call from consultant to client could be limited
to 10 minutes. If more extensive help is needed, client and
consultant could negotiate a private arrangement outside of
the "hot-line" procedure.

   Anyone interested in helping to develop this idea? It
could be extremely useful to some, moderately useful to many,
both clients and consultants. If you know of any more
consultants associations than the ones publicized in the bi-
weekly "Computer Classifieds" let us know. We need to define:

   o   Who would administer the service?
   o   How much would it cost?

   Think about it; drop BAMDUA a note or call (415) 658-
0152; talk with consultants if you know any to see what they
think and tell us about it at the next meeting, write a piece
for the newsletter.

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ADVERTISING IN THE BAMDUA NEWSLETTER

Starting with this October's issue, BAMDUA is accepting
display advertisements. We appreciate the support for the
newsletter from advertisers. It is also an excellent
opportunity for you, the advertiser, to get your message
across to a group with a focussed interest.

Many members send letters or make calls to BAMDUA to ask
about products and services, but we are not in a position to
recommend specific vendors. Still, it is important that our
membership hears from you and what you have to offer. What
better way then to place an ad?

BAMDUA members are always searching for better and more
convenient ways to acquire supplies, equipment and services.

BAMDUA members are continuously in need of tutoring
services, consulting on hardware and software development,
training in specific areas.

A display advertisement in this newsletter is an
efficient way for them to get in touch with you and an
economical way for you to proclaim your services.

Our press run is currently 250. It increases each month
along with the membership.

You have your choice of full page (5.5 X 8.5 inch), half
page or even quarter page ads. Our rates are quite reasonable
and can be negotiated by calling:

> BAMDUA (415) 658-0152
> Attn. Newsletter advertising
> P.O. Box 5152, Berkeley, CA 94705

We'd like your camera ready copy of the desired size or
we will reproduce your business card. We can reduce but not
enlarge.

Advertisements will be accepted from members and vendors
alike; the material of the ad should be appropriate to the
general activities of our users' group.

Let's hear from you. Our dead-line for copy submission
is the 10th of each month.

BE KNOWN. ADVERTISE IN THE BAMDUA NEWSLETTER

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FROM THE BOARD

First let us introduce ourselves, the yet incomplete set
of officers and directors of the board of BAMDUA:

Sypko Andreae	- Chairman
Mitchell Tannenbaum	- Vice-Chairman
Ken Briney	- Treasurer
Lenore Weiss	- Newsletter Editor
Marv Winzenread	- Librarian
(open)	- Secretary
(open)	- Membership administrator
(open)	- Meeting Program coordinator

The projects we are involved in are: running the
meetings; getting the newsletter out on time (10 days before
the meeting); acquiring tax-exempt status as a non-profit
corporation; developing and distributing a public domain
software library; getting advertising for the newsletter;
developing a new and better database for the membership;
exploring the possibility of a consultants referral service;
developing liaisons with Morrow, with the dealers, and with
other Morrow and non-Morrow users' groups; finding
interesting guest speakers for our meetings; finding good
meeting locations and much, much more.

We work with a growing team of members who take care of
the many jobs to be done. This not only spreads around the
work (we are all volunteers, you know), but it is also
interesting and fun. As a team member you make interesting
connections and learn from the various, often surprising
experiences. Many times you get special or free access to
events that other people have to pay for.

If you feel like getting even more out of your
membership, talk with any of the officers or call or write
BAMDUA. We will help you get going on a brilliant career.

TREASURERS REPORT

Funds on hand September 1, '83	742.67	
Income	475.00	
Expense		457.28
Balance September 30, "83		760.39

Expense detail:

Rental Berkeley Library, Sept.	10.00
Franchise Tax Board - tax deposit	200.00
Secretary of State - filing fee	25.00
Stamps 20c	100.00
Newsletter printing	92.28
Rental Berkeley Library, 3 months	30.00

Total	457.28

COMPUTERS AND YOUR FEELINGS   by Dr. Mindopener, MFCC

Ah! All you proud new owners of computing machines.
Welcome to the to the quickly multiplying crowds of people
who have mixed feelings about relating to computers. Help is
on the way! In this column Dr. Mindopener will entertain your
questions and probe your feelings pertaining your
relationship with your computer. Send 'm, carefully wrapped,
to BAMDUA, Box 5152 Berkeley, CA 94705 attn.: Dr. Mindopener.

Rather than witnessing your frustrations, your feelings
of lack of power, inferiority, tension and exhaustion, Dr.
Mindopener will, in this column, do his little bit to help
you on the road to full awareness of the beautiful computer
operator you really are!

Today we look at "Not Knowing and Not Asking", a
dreadful state of mind in which you cannot afford to stay
very long or else your computer will find out and overcome
you! Never that ...

Suppose you are at a meeting and discover there is
something you don't know. You want to ask, but you don't.
Feel that strange tension that increases the pitch of your
voice and makes your knees shake quietly? No wonder you don't
want to get up (shaky knees) and ask your question (squeaky
voice). You think: "What will all the other people think of
me asking about such a very simple problem?". And before you
even asked anything at all, you already feel stupid,
embarrassed, inferior and anything to keep yourself from
asking. Feels familiar? Aha! On the couch with you ...

Now consider this: About 90% of the BAMDUA membership
knew nothing about computers before they got their Morrow
machine. Today they know very little more, just enough to get
by. Conclusion: You are not alone! You are the majority!
Consider also: If you don't know, you are not stupid, you
simply don't know! That is ALL there is to it.

Cure: Meditate on this for 15 minutes. If you still have
any lingering feelings that it is wrong that you don't know
something, take the ultimate self-treatment in order to
relief you from your anxiety, your feelings of inferiority
and stupidity:

                    ASK!

Go ahead, do it. See how much better you feel already ?
Besides, there is a small bonus: You may know a little more
about what you were asking. Now, isn't it nice the way the
universe operates?

Therefore: ASK, my friends, ASK! Dr. Mindopener may not
know the answer but eventually you will! Aha!

LIBRARY NEWS

Before the last meeting we had a whole team busy copying
floppies to be distributed amongst the members. Thank you,
Anthony, Ismail, Michael, Alice and Robert for the fast and
accurate work.

In the meantime, the copy production team has grown to
twice the size. We will need them! By the next meeting there
will be three new volumes (5, 6 and 7) from the ever
expanding BAMDUA library. Much of it is a set of marvelous
CP/M utilities useful to writers, hackers, you name it.
Thanks to Steve McMahon, Librarian of BAKUP (the Bay Area
Kaypro Users and Programmers) for letting us pick through
their 25 volume library in search of gems.

Besides Utilities, there are more games, A Z80 assembler
and and disassembler, a set of text manipulation programs
useful to writers, MBASIC and SBASIC programs and much more.
Elsewhere in this issue is a concise catalogue of the new
volumes. Look before you buy.

All this software is in the public domain. You are not
allowed to sell it or use it in conjunction with any profit-
making enterprise. Some of the programs in our library are
copyrighted and may be distributed only on the condition that
a similar injunction be placed on whomever you may give it
to. The software is not guaranteed to work on your machine.
It may self-destruct. Some programs are experimental and
could yield unpredictable results. Other programs are
absolutely marvelous and very useful. USE THESE PROGRAMS AT
YOUR OWN RISK.

If you know of any good sources of useful programs tell
the Librarian. If you make a substantial contribution of your
own, you may get a free library volume discretion of the
librarian. If you do an outstanding job you may choose two
volumes! If you have written little programs in MBASIC or in
any other language that have turned out to be really useful,
send them in. Don't be shy. Your modest masterpiece may work
for an amazing number of other members.

NEW BAMDUA LIBRARY VOLUMES.

Below is a catalog of the three new BAMDUA LIBRARY
volumes. They are Volumes # 5, 6, 7. There emphasis is on
utilities, both CP/M and text-processing oriented. You will
also find a set of MBASIC programs plus the usual games.

Here is how to run the games: if the game file looks
like this: GAME.BAS then put disk with game in drive B and
put disk with MBASIC in drive A. After the A> prompt of CP/M
enter :

MBASIC B:GAME <CR>

If the game file looks like this : GAME.COM then enter:

GAME <CR>

If you have SBASIC you will enjoy some nicely written examples, too.

As usual, all volumes will be for sale during the last part of the coming meeting (Oct 25th) for $5 per diskette. (Hurrah for the copy-team!) If you missed the meeting you can order copies by mail. Order forms appear in each newsletter. Only members are included in the distribution. The distribution of the BAMDUA library volumes is for members only. If you are not a member we will quickly help you become one. Please bring your checkbook, because we can accept checks only.

BAMDUA LIBRARY VOLUME # 5   -- Programming aids and utilities

/	.COM	2k	Submit-type utility, command string driven
ALLOC	.COM	2k	Shows allocation of blocks on disk
COMPARE	.COM	2k	Compares files, shows differences
CROWEASM	.COM	8k	Z80 assembler; listing to file; symbol table
CROWEASM	.DOC	8k	Documentation for above
DIF	.COM	16k	Creates an editor script of file differences
DIRCHK	.COM	2k	Checks the integrety of the disk directory
FINDBAD	.DOC	4k	Documentation for FINDBAD.COM on Volume # 2
FORTH	.COM	8k	Follows the book "Starting Forth"
PASSWORD	.ASM	8k	Source for routine below: It rigs .COM files
PASSWORD	.COM	2k	to require a password for execution
PILOT	.DOC	6k	Terse description of Morrow's PILOT
PIPPATCH	.ASM	6k	Allows disk registration (reset) within PIP
RESOURCE	.DOC	26k	Documentation for REZ80.COM below
REZ80	.COM	8k	Z80 disassembler
SD-44	.COM	2k	Powerful sorted directory lister with
SD-44	.DOC	14k	great options./ Documentation.
SUPERSUB	.COM	2k	Improved version of SUBMIT.COM
SUPERSUB	.DOC	4k	Documentation for above
TEST1A	.ASM	4k	Test program for Z80 assemblers
TEST2	.ASM	2k	Another one
UNSPOOL	.COM	2k	Allows concurrent printing and program running
UNSPOOL	.DOC	12k	Documentation for above
WASH	.DOC	16k	Documentation for WASH.COM, Volume # 1
Z80ASM	.COM	10k	Z80 assembler; listing to printer only
Z80ASM	.DOC	4k	Documentation for above

BAMDUA LIBRARY VOLUME # 6 -- Text utilities and misc.

BIO	.COM	14k	Biorythm chart generator
BLOCK	.COM	4k	Prints big block-letter messages
COMHEX	.ASM	16k	Source for below
COMHEX	.COM	2k	Converts .COM file into HEX file

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COMHEX   .DOC    2k     Documentation for above
DIR22    .COM    4k     Displays a sorted directory of your disk
DUMP     .ASM    6k     Displays a HEX-dump of any file
DUMP     .COM    2k     See above
FONEWORD.BAS     2k     Makes words out of phone numbers
INDEX101.COM    12k     Will index WordStar type text files
INDEX101.DOC    10k     Documentation for above
LABEL    .BAS    4k     Prints labels from console
LINES    .COM    2k     Counts lines and bytes in a text file
LISTT    .COM    2k     Prints files with pagination
LISTT    .DOC    6k     Documentation for above
LPCHR    .BAS    2k     Tests Okidat ML-92 printer
LTYPE    .C      2k     C-Source for below
LTYPE    .COM    4k     Sets computer up as a correcting typewriter
PRIME    .BAS    2k     Generates prime numbers
PRINT    .BAS    4k     Source in SBASIC for routine below
PRINT    .COM    6k     Epson MX print mode controller
PRINT2   .COM   12k     Another MX print mode controller
PRINT2   .DOC    4k     Documentation for above
PW2WS    .COM    8k     Converts Perfect Writer into WordStar files
READ     .COM    2k     Display text file on console with page pause
READIT   .BAS   10k     TYPE like utility in SBASIC
READIT   .DOC    4k     Documentation for above
SORT2    .COM   10k     Improved sorter of lines in a file
SWEEP-37.DOC    14k     Documentation for program on Volume # 2
WCOUNT   .COM    6k     Determines the wordcount of a text file
```

BAMDUA SOFTWARE LIBRARY   VOLUME # 7   --   MBASIC PROGRAMS

```
-BAMDUA  .007    2K     This file
-README  .DOC   14k     Documentation for half of these programs
BUBBLE   .BAS    6k     Game program from FOG library
BUBBLE   .DOC    2k     Documentation for the above
CASTLE   .BAS   26k     Game program from FOG library
CASTLE   .DOC   16k     Documentation for the above
CHECKERS.BAS     3K     Game program from FOG library
CHOMP    .BAS    3K     Game program from FOG library
CIA      .BAS   16k     Game program from FOG library
COMPRESS.BAS     2k     See README.DOC
DOCUMENT.BAS    12k     See README.DOC
EUCLID   .BAS    2k     See README.DOC
FRACTION.BAS     6k     See README.DOC
GAMMON   .BAS   16k     Game program from FOG library
HEXAPAWN.BAS     5K     Game program from FOG library
LEM      .BAS    6k     Game program from FOG library
MAGIC3X3.BAS     2k     See README.DOC
MAGIC4X4.BAS     4k     See README.DOC
NUCREAC  .BAS    8k     Game program from FOG library
PF       .DAT    6k     See README.DOC (Goes with DOCUMENT.BAS)
SORT     .BAS    4k     See README.DOC
TIMER    .BAS    6k     See README.DOC
TOSSDICE.BAS     2k     See README.DOC
TRAP     .BAS    2K     Game program from FOG library
WORDPROB.BAS     6k     See README.DOC
```

ORDER BLANK FOR BAMDUA LIBRARY VOLUMES

DATE:_____   YOUR PHONE:_____

YOUR NAME:_____

ADDRESS:_____

_____ ZIP _____

PLEASE SEND ME THE FOLLOWING BAMDUA LIBRARY VOLUMES AT
$7.00 PER FLOPPY. I HAVE JOINED BAMDUA AS A MEMBER.

VOLUME #   QUANTITY   PRICE

_____   _____ $_____   Please enclose a check for
                                        exact amount. Mailing and
_____   _____ $_____   packaging is included.
                                        Make check out to BAMDUA.
_____   _____ $_____

_____   _____ $_____   BAMDUA, P.O. BOX 5152
                                        BERKELEY, CA 94705
_____   _____ $_____

TOTAL ENCLOSED: $_____
===

ORDER BLANK FOR BAMDUA NEWSLETTER BACK ISSUES

DATE:_____   YOUR PHONE:_____

YOUR NAME:_____

ADDRESS:_____

_____ ZIP _____

PLEASE SEND ME THE FOLLOWING BACK ISSUES OF THE BAMDUA
NEWSLETTER, VOLUME 1. I AM A MEMBER OF BAMDUA. (Issues 1+2+3
together cost $1.- . Issues #4, 5 and 6 cost $1.50 each.)

ISSUE #   QUANTITY   PRICE

_____   _____ $_____   Please enclose a check for
                                        exact amount. Mailing and
_____   _____ $_____   packaging is included.
                                        Make check out to BAMDUA.
_____   _____ $_____

_____   _____ $_____   BAMDUA, P.O. BOX 5152
                                        BERKELEY, CA 94705
TOTAL ENCLOSED: $_____

NETWORK FOR MUTUAL ASSISTANCE BETWEEN MEMBERS BY PHONE.

Our membership database information is not made public.
Several people have agreed to make their names and phone
numbers public for the purpose of mutual assistance. You can
be a complete novice and be on this list. If you want to add
you name to the list, drop a note to BAMDUA, P.O. Box 5152 in
Berkeley, CA 94705, or call (415) 658-0152.

(415) 355-8052	*	Harriet Ashley, Pacifica, CA 94044
(415) 666-5251	*	Dennis Black, San Francisco, CA 94102
(916) 944-4653	*	Martin Brett, Carmichael, CA 95608
(111) 561-2016	*	Robert Brower, San Francisco, CA 94114
(415) 383-3222	*	Virginia Brunini, Tiburon, CA 94920
(415) 527-7432	*	Arthur W. Callender, Kensington, CA 94707
(209) 835-4187	*	Charlie W. Canon, Tracy, CA 95376
(415) 531-6541	*	David Chaika, Oakland, CA 94602
(415) 581-4862	*	Carl Chan, Hayward, CA 94541
(415) 887-2973	*	Mike Collins, San Lorenzo, CA 94580
(415) 483-6358	*	Hector Conde, San Leandro, CA 94577
(415) 652-0453	*	Lanny Cotler, Berkeley, 94701
(707) 523-3375	*	Alan B. Cruse, Santa Rosa, CA 95405
(408) 287-2961	*	Terri Dill, San Jose, CA 95125
(415) 381-0519	*	Steve Edgett, Mill Valley, CA 94941
(415) 550-1183	*	Arnold Feldman, San Francisco, CA 94109
(415) 845-5749	*	Benjamin P. Fisher, Berkeley, CA 94708
(415) 878-9153	*	Edward Golod, Daly City, CA 94015
(415) 540-5373	*	Ryo Imamura, Berkeley, CA 94704
(415) 826-0367	*	Abigail Johnston, San francisco, CA 94107
(415) 821-3339	*	Ray Kastl, San Francisco, CA 94101
(415) 653-7199	*	Alan Kornfeld, San Francisco, CA 94133
(415) 525-8344	*	Eugene Korte, El Cerrito, CA 94530
(415) 548-4003	*	Nelson Laance, San Francisco, CA 94131
(415) 334-3294	*	Hoover Liddell, San Francisco, CA 94112
(415) 922-3912	*	Manfred Mackeben, San Francisco, CA 94115
(415) 531-3574	*	Minnie Mast, Oakland, CA 94602
(415) 345-8684	*	Bill McCord, Foster City, CA 94404
(415) 479-0351	*	Allan H. Mines, San Rafael, CA 94903
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(415) 776-6705	*	Dan Robinson, San Francisco, CA 94109
(415) 526-4356	*	Carla Z. Rosenlicht, Berkeley, CA 94708
(415) 851-7241	*	David Rosner, Woodside, CA 94062
(415) 456-2383	*	John Salz, Ross, CA 94957
(415) 841-0997	*	Robert Silvey, Berkeley, CA 94709
(415) 763-7369	*	D. Wayne Smith, Oakland, CA 94606
(415) 654-3047	*	Robert Solocay, Oakland, CA 94618
(415) 341-6949	*	Lloyd Spitz, San Mateo, CA 94403
(415) 665-4368	*	Sherry Spitzer, San Francisco, CA 94122
(415) 586-6280	*	Robert G. Spotorno, San Francisco, CA 94101
(415) 346-8036	*	Mitchell Tannenbaum, San Francisco, CA 94108
(415) 878-4914	*	Kathy Uhl, San Francisco, CA 94121
(209) 477-7896	*	Patricia R. Voss, Stockton, CA 95209

CP/MORROW

Computer Group

NEWSLETTER

SEND EXCHANGE NEWSLETTERS TO: CP/MORROW
P. O. BOX 654 CARMICHAEL, CA 95608

OCTOBER   1983

****** NEXT MEETING OCTOBER 3 - SEE BACK COVER FOR PLACE AND TIME ******
CP/MORROW COMPUTER GROUP   Weber's leadership ability, Secretary Jeff
R. P. Box 654   Paxton's managerial skills and as Vice
CARMICHAEL CA 95608   President my technical competence will
This is the first issue of the CP/MORROW   provide a solid foundation for the CP/Morrow
COMPUTER GROUP NEWSLETTER. Yes, I too have   Computer Group's continued success.
happened since our first September meeting.   Jim Riffe
Probably the most significant event to   Vice President
take place, was the meeting of a small group
of "unofficial" club members on Monday night BOARD DECISIONS
9/19/83. In attendance were: Ron Weber, Old   The following are some of the decisions
Riffe, Jeff Paxton, Mike Pool and myself.   made by the new board.
A board was formed as follows: DUES
OFFICERS   The board decided on the cost of dues to
PRESIDENT: Ron L. Weber   343-7474   become a club member. The amount is $12.00.

WE EXCHANGE NEWSLETTERS WITH OTHER GROUPS
AS THEY EMERGE.

BAMDUA NEWSLETTER #6   PAGE 24   OCTOBER '83

BANDUA meetings are held every last Tuesday of the month.

```
++ Next meeting: ++++++++++++++++++++++++++++++++++++++++++++++
 +                                                            +
 +    WHEN:  Tuesday, 25th October 1983, 7:30 PM              +
 +    WHERE: Cal State College Hayward                        +
 +           South Science Building, room 147                 +
 +    HOST:  Marvin Winzenread, our librarian, who will       +
 +           demonstrate to us his array of MD-2's all        +
 +           interconnected via a larger computer.            +
 +                                                            +
 ++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
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