FEBRUARY   1988

HELP:

It was never written, and also never a promise, that the computer
you own would do the work for you. Like a pen or pencil, it will
assist you in the accomplishment of a task. You pick your own
tools. When you decided to own a computer, you picked it as a
tool you wished to use. Like a pencil, it waits for you to apply
it to your task at hand. The problems you have in using the
computer are the same problems you would have if you picked some
other tool to use. Overcoming any particular problem is up to
you. If you put forth the same effort to "get going" as you set
forth in finding problems to "delay" your efforts, you could
already be well advanced in accomplishing your special projects.
You must apply yourself in order for it to work. HELP is always
available to you, but HELP won't do the work for you. YOU must
be the one who works. Your efforts ONLY will accomplish the
task. The Club is here to HELP you. It will, however, NOT force
you to get started, or pacify you. The assurance you obtain from
the Club is for work YOU began to accomplish on your own. Your
coming to the Club meetings is all the assurance needed to lead
you to your machine. We cannot do much more for you. So, if you
you apply yourself you will begin to do your tasks. If you don't
know the next step, we can help you. If you're really lost, we
can lead you forward, but the work itself is yours to accomplish.
Call the Club (408/379-2774) when you need HELP. Let us know
when you need HELP. Come to the meetings when you need HELP.
But PLEASE, don't expect the Club to turn your machine ON for
you. Who knows, we may need your HELP also.

MS-DOS WORLD OF COMPUTERS:

The Club supports the PC/MS-DOS computers. If you have questions
about them, or you happen to own one of these machines, the Club
has supported these machines for over three years. We have over
300 Public Domain disks in our collection. The Club book Library
has many books for many Programs and Operating Systems. Seven of
our monthly magazines are in direct support of those machines.
Our Club Bulletin Board System (BBS) operates on a MS-DOS clone
computer. Yes, we do support all the MS-DOS World computer
systems. This also includes the PORTABLES that operate the
MS-DOS environment.

MODEL II:

We again have the old business Model II Tandy computer at the
house. We bought this machine at a reasonable price and now we
shall continue to service those who own this machine. The Model
II uses 8" disk drives and was the business world's workhouse for
a long time. It still is a great machine.

COMPUTER ENHANCEMENTS:

Most Tandy computers allow the owner the ability to improve their computer system to give better performance, greater storage, faster speed, etc. Here is a listing of some enhancements you can have:

Model I

    40-80 Track Disk Drives (4)
    Double Density Storage
    RS-232 System
    Lower Case Alphabet
    Hard Disk System
    256K Memory

Model III

    40-80 Track Disk Drives (4)
    RS-232 System
    Hard Disk System
    1 MegaByte Memory Upgrade
    Model IV Upgrade Board

Model IV

    Double Sided 40-80 Track Drives (4)
    128K Memory Upgrade
    Hard Disk System
    256-1 MegaByte Memory Upgrade
    High Speed (8 Mhz)
    High Resolution Graphics Board

Model 2-12-16

    Memory Upgrade 128K
    Hard Disk System
    External Bay Drives (3)
    UNIX Upgrade (12) to 16

Model 100-200-600

    Memory Upgrade 32-256K 10 Meg
    Disk Drive Upgrade (1)
    Assorted ROM Enhancements
    External Modem
    Light Pen

Models 1000,1200,etc.

    See MS-DOS Books

You should not have to change your Computer to a new type of Model. Live within your Computer budget. Also, look at your collection of Programs. Can you afford to collect another set? Remember: Computers don't grow old or wear out - People grow old and nerves wear out.

LONGLINK:

The laws of Physics make it difficult to transmit data over a
Parallel Printer Cable that is longer than 15 feet without
incurring unacceptable errors. LONGLINK solves this problem. A
Parallel Interface Extender that can put up to 7500 feet between
the Computer and the Printer. It can transmit 1200 characters
per second, fast enough for almost any Laser Printer or regular
Printer. It costs $179.00. LONGLINK INTELLICOM, 9259 Eton Ave.,
Chatsworth, CA. 91311. Ph. 800/922-2882 or 818/882-8866 in
Calif.

TRSDOS II BOOK:

After many months of hunting this book, we finally found it.
This book is the KEY to the Model II Business Machine Hard Disk
System. We tried Radio Shack USA and many other area leads.
Most ended on a wrong book "dead end". Finally we got lucky and
now we have a copy of the book.

LNW COMPUTERS:

The LNW Computers were a TRS-80 look-a-like Z-80 machine. Those
who own a LNM should know that the Club can support this Computer
with Softwares and Hardware Support. We can service these
machines too. If you know somebody that owns a LNW, bring them
to the Club Meetings with you.

BOOK OF THE MONTH:

"Writing MS-DOS Drivers". This book assists in the understanding
of the DOS and its Sections. It also teaches how a Device Driver
is created and installed in the MS-DOS. Another hidden asset is
the answering of the question: "What do they mean?" If you ever
wondered what, and how, each Assembly Language Instruction did.
This book makes Assembly Language easy to use. I plan to use
this book a lot also.

SPEED AND COLOR:

High Speed MS-DOS Clones (above 8 Mhz) are experiencing Boot-Up
problems, etc., with their fast machines. The inexpensive
Enhanced Graphics Assembly (EGA) Cards and the high speeds don't
have enough tolerance to handle the higher speed Central
Processor Unit (CPU), and bus speeds. Error conditions are
intermittent and recondition of the ROM BIOS on Boot-Up is
common. Most big brand Computer Companies are limiting the bus
speed to 8 Mhz. For an EGA Card to operate correctly at higher
speeds it should have 120 ns RAM Chips, low quality EGA Cards
have 150 ns RAM, and slower ROM Chips.

MODEM SPEED-UP:

Thanks to Al NETZKE, the Club MS-DOS Clone is now operational at
2400 baud. The Ventel 2400 Plus will really help those who use
the BBS and Ma Bell at long distant rates. We put it in
operation on the 6th of January, 1988 and it really works well!

REBOOTING WITH BASIC:

The following instructions give a BASIC program the ability to
"warm boot" the computer, bypassing the memory check.

```
10    REM Warm Boot
20    DEF SEG = &H40
30    POKE &H72,&H34
40    POKE &H73,&H12
50    DEF SEG = &HFFFF
60    RB = 0
70    CALL RB
```

To do a "cold" boot, forcing a recount of system memory and
simulating a power on/off cycle, change the following two lines:

```
30    POKE &H72,0
40    POKE &H73,0
```

HOW TO USE THE CLUB B.B.S.

Calling the Club B.B.S.--------------------------------408/379-2774

Set your Modem:

    8 bit
    No Parity
    1 Stop Bit
    300 or 1200 Baud

Note: If you obtain a busy signal - Simply dial back later

    Log-on

        First - Last Name
        City - State
        Password (If you have previously obtained it)

    Main menu:

        (C) Chat with Sysop: Allows you to talk with
                                    Sysop - If he is available.

        (F) Files Transfer: This area is used to transfer
                                    Files TO or FROM the BBS
                                    Upload = TO the BBS
                                    Download = FROM the BBS
                                    NAK = Awaiting your Modem

            Transferring TO or FROM the BBS is AUTOMATIC
            The process works without your messing with your
            Machine. SAVE your Files after you receive them.
            You will NOT mess up the BBS if the transfer is
            interrupted - Simply try again.

        (M) Message Base (two):

            General   Anything Area
            TRS-Club   Club Info

            The Message Bases allow you to Post Messages to
            other Persons, or to Club Input.
                    Bulletins: This is for Single Messages
                    Discussions   This is for Multi-Messages on
                                    Single Topics - Just add your
                                    own by entering a Topic Name
                                    exactly as the one posted.

        (Z) Command:
            This allows you to obtain a Password for Quick
            Log-On. Also, this allows your Account to be
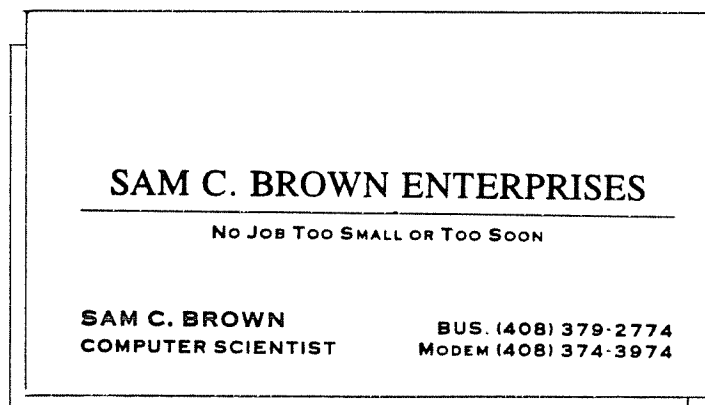   Recorded for future Log-Ons.

        (S) System Info:
            This tells you our Equipment used to operate the
            BBS.

(N) Nulls:
This is from 0-50 Nulls. It speeds up or slows the BBS Screen so you can read the Screen or for use when your Printer is copying the Screen's Info. 0 = Fast 50 = Very Slow

(U) User Log:
A list of those who used the BBS lately.

(H) How Long:
Tells you the time you spent on the BBS today.

(R) Reset Terminal:
Allows you to Reset to new BBS Parameters and continue on the BBS.

(X) Expert User:
Abbreviates the Menu Commands.

(E) Electronic Mail:
This is an area to Post Private Messages to some-one. No-one else can read this mail.
REGISTERED forces a person to answer his mail.

Electronic Mail is Accessed ONLY by the E Command.

(G) Good-by:
This Command signs you OFF the BBS correctly. Do NOT just disconnect. The BBS recycles in one (1) minute.

(!) Run Log-On:
This allows you to ReLog-On the BBS if you changed your Log-On info.

The BBS won't Self-Destruct. If you try to make it CRASH you may DESTROY your Modem Disk!

SAM C. BROWN ENTERPRISES

No Job Too Small or Too Soon

SAM C. BROWN
COMPUTER SCIENTIST

BUS. (408) 379-2774
MODEM (408) 374-3974

BYTE BANDITS OF AMERICA
TRS-80 COMPUTER CLUB
780 Manx Ave.
Campbell, CA. 95008

CLUB SERVICES

To those who are contemplating membership, or renewal, of your
membership, these Club Services are yours to use throughout the
year.

DUES

Dues of $25.00 per year (Jan.-Dec.) are required. Make checks
payable to "Robert W. BROWN" (Tp: 408/379-2774)

INFORMATIONAL SERVICES

The Club Headquarters is available every day for those who
require help in Programming, Hardware Installation, or
Consultation. Each person's problems are a Priority and they are
treated with care.

REPAIR SERVICES

The Club's Membership has repair oriented personnel capable of
repairing, modifying, or up-grading all the Club's assortment of
Computers. These repair personnel do quality work for a very
modest cost. They are reliable and knowledgeable in the earliest
and latest model computers.

ARCHIVES LIBRARY

The Club maintains a library of Programs and Documentations for
the TRS-80 Tandy machines. These may be used by request. As this
is a private collection, it's Programs are NOT to be sold or
bartered.

PROGRAM OF THE MONTH

Each month the Club buys a Program for the Computers used by the
Club. It is evaluated by members that have an interest in that
Program. This Program is usually shown at the 4th Wednesday of
the Month Meetings.

BOOK OF THE MONTH

The Club is active in a Computer Book Club in which a hard cover
book is obtained each month for the Club Membership. These books
can be checked out for 30 days. Monthly magazines are also
included in this category:

80 Micro   PC Magazine
P.M.C.   Computer Currents
Portables   Micro Times
Computer Shopper   TRS-Times
Assorted Retail Catalogs monthly   PC World

BULLETIN BOARD

Posting of messages - Programs transfer, along with postings of
other Club services and events. Free to everyone. For learning of
your Modem, or for buying or selling of equipment. The BBS is
designed for all types of equipment. It is on-line 24 hours - 7
days a week - 300-1200 baud. Ph # 408/379-5189

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This Computer runs the Club's BBS System. It contains an
assortment of (cards) for modifying, transferring,and repairing
of Programs. It has an assortment of MS-DOS Programs and Public
Domain Software for Club members to use for special purposes (by
appointment). The machine stays at my home ALWAYS, and
individuals may use it there.

CLUB'S MS-DOS COMPUTER

It contains an E G A COLOR SYSTEM plus:
   20 Meg Hard Disk   (2)300-1200 baud Modems
   3.5 " Disk Drive   (2) 5&1/4" Disk Drives
   PC Mouse   640K Memory
   8 Serial Ports   8 Mhz Speed-up Mod. (Turbo)
   Joy Stick   PC Copy Option Board
   Dot Matrix Printer   2 Meter Packet Radio System

This machine is shared with the Gavilan User Group and Sam C.
BROWN Ent.

MONTHLY NEWSLETTER

The articles are selected from the many publications the Club
receives, plus commentaries from the Club Director and the
membership.

NOTORIETY

Our Club has obtained fame Nationally-Internationally-as well as
locally. This in itself is an honor for all of us. Our help to
others is well known throughout the World. The Club is over 5
years old and is servicing all TRS-Tandy Computer Systems listed:

Model I   Tape-stringy-Disk-Hard Disk
   "   III   Home-Business
   "   IV   Home-Business
   "   IVP   Business-Home
   "   12   Business-Home
   "   16   Business-Home
Portables, 100-200-600-1400   Home-Business
Pocket Computers 1 thru 6

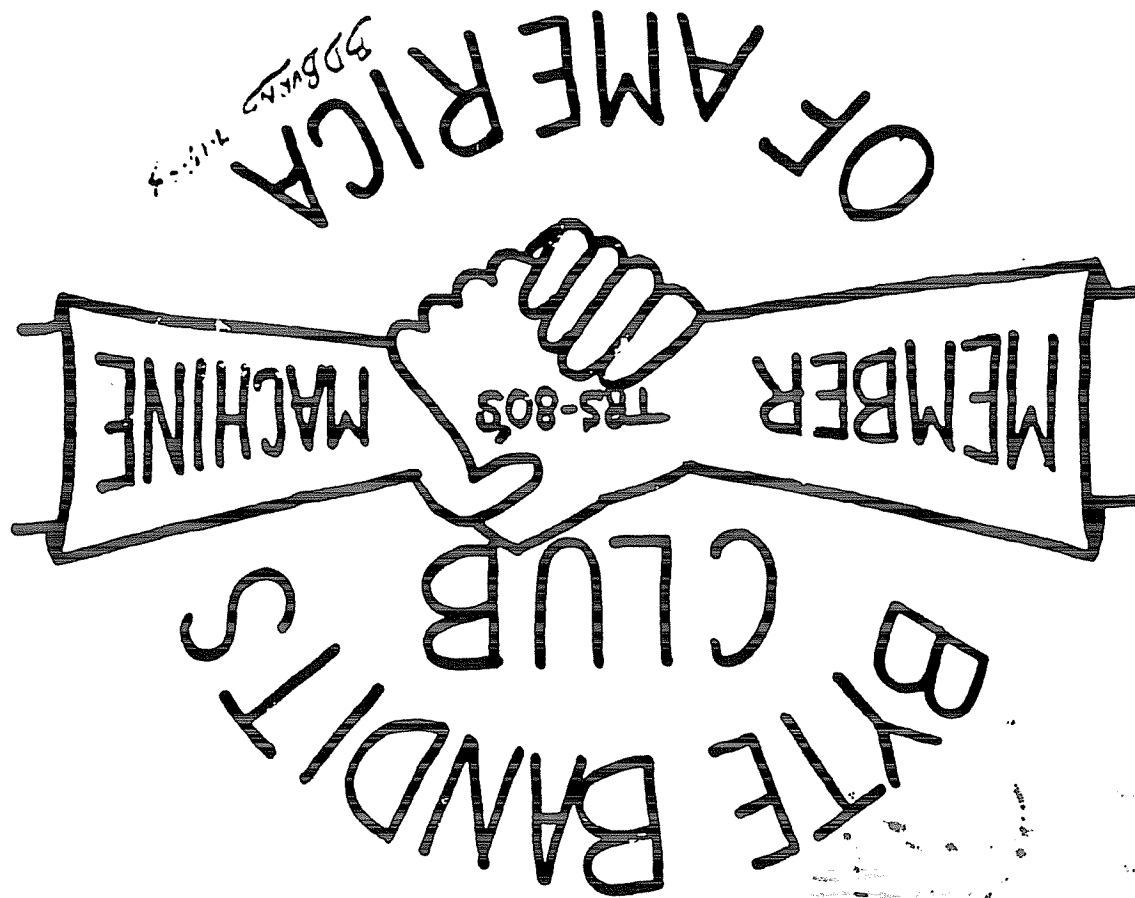ALL MS-DOS Machines

NATIONAL SERVICES

For those of you who live outside the Club's local boundaries,
the Club will service you as you desire, or need, assistance.
Your Membership provides the same services as local members.
Mailing costs, etc. will be your responsibility. Feel free to use
the Club Services and call, or write, as you wish.

CLUB STATUS

The Club is a private Club. It has no Tax Free Status. The
liabilities of the Club are the responsibility of the Club
Director. NO individual members will represent the Computer Club
without prior approval of the Club Director.

Sincerely,

R. W. BROWN
Club Director

BYTE BANDITS CLUB OF AMERICA

MEMBER MACHINE

TRS-80'S

Byte Bandits of Amer.
TRS-80's Computer Clb
780 Maez Ave.
Campbell, CA 95008

8 FEB 1988

Calico Scallop
USA 22

BYTE BANDITS CLUB
MEMBER MACHINE
OF AMERICA