

Gemini Computer Systems Limited

Springfield Road, Chesham, Bucks HP5 1PU.
Telephone: (0494) 791010. Telex: 837788

23rd September 1986

Dear M-F-B 2 Customer

M-F-B 2 Update

Please find enclosed with this letter a new floppy disk for your M-F-B 2 system. This disk contains three files:

- FORMATS.DAT - A new format library for your M-F-B 2 system. This library now contains over 700 formats.
- MSCOPY.COM - Version 3.6 of MS-COPY. This corrects a minor problem in earlier releases of this program. (Note: depending on exactly when you purchased your M-F-B system, you may already have this program.)
- READ.ME - A documentation file detailing any special requirements of formats contained in the new library.

Note that the FORMATS.DAT library is copyright (c) Gemini Computer Systems Ltd and Timeclaim Ltd, and that the MSCOPY.COM program is copyright (c) TC Software.

The files on the enclosed disk are for use exclusively with the M-F-B 2 system with the Gemini serial number:

2272 (CP/M 2-248-2662)

Use of these files with any other M-F-B system is an infringement of the copyrights already mentioned.

Please note that although the new format library will now give you access to approximately 700 formats, there may be formats that you have added to your library yourself, and these may still not be in this new Gemini/Timeclaim library. This will mean that you will have to make a note of all of their details, and then re-enter them again after installing the new software.

If you wish to avoid this now, and when we release future libraries, then perhaps you could send us a disk of the type that you have added to M-F-B yourself, along with a copy of the table of format details that you have been using, so that we can add it permanently to the master library. Please note that the disk should be from the actual target machine, with suitable data written on it, and not one generated by M-F-B. If possible we would like to keep this disk, and will return a new disk to you.



To install the new library and MS-COPY program, use the M-F-B WHIG program to ensure that you have an M-F-B drive set to Gemini QDDSS format. If not then use the SET or SETUP programs to do this. Then insert the new floppy disk in the assigned drive (x:) and type the line:

PIP A:=x:*.*[v

This will copy all of the files over, and the machine will be ready for immediate use.

If you have any problems installing the new software, or any doubts about exactly what to do, you should contact the Gemini dealer who supplied you with the M-F-B system.

Yours sincerely,



S. Bath
M-F-B Support Service

A handwritten signature in black ink, appearing to read "S. Bath". Below the signature, the text "M-F-B Support Service" is printed in a small, sans-serif font.



Gemini Microcomputers Ltd

Unit 4 Springfield Road Chesham Bucks HP5 1PU

Tel: (0494) 771987 Telex 837788

M-F-B 2 UPDATES

The format information file supplied with the M-F-B 2 system currently contains over 100 different formats. This is only a small portion of the number of possible different formats that the M-F-B 2 system can support. It is our intention to expand this library as the necessary information is made available to us. The M-F-B 2 system software is also under constant development to increase the range of different formats it can support and to enhance the operation of the system. By returning the form below to us, at the above address, the Update Service will keep you informed of any additional format information and M-F-B developments for a period of twelve months. After this period the Update Service will continue to be available upon payment of a subscription fee.

Please note that the M-F-B 2 Update Service is ONLY available if the name and address of the ACTUAL USER of the M-F-B system is supplied, as library support of M-F-B 2 is direct, NOT via a Gemini dealer or representative.

Upon receipt by Gemini of the completed form below you will be sent details of the way in which the Update Service operates and you will be informed of your registration number. Please note that the M-F-B 2 Update Service is NOT available to you until you have received this registration information.

Software update information service.

Gemini M-F-B 2

Name of M-F-B contact:

Company Name:

Address:

Telephone number:

Gemini M-F-B 2 type: GM 925

Additional drives:

Gemini M-F-B 2 serial number (on rear of machine): 2272 Date of purchase: _____

Gemini CP/M serial number (on master floppy disk): 2-248-02662

M-F-B software release number: V3.3 low 1.3 MS-COPY serial number: 1041



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Company Name:

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Gemini M-F-B 2 type: GM 925

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Software update information service.

Gemini M-F-B 2

Name of M-F-B contact:

Company Name:

Address:

Telephone number:

Gemini M-F-B 2 type: GM 926

Additional drives: —

Gemini M-F-B 2 serial number (on rear of machine): 02211 Date of purchase:

Gemini CP/M serial number (on master floppy disk): 2-248-02604

M-F-B software release number: V3.3 20W 1.2 MS-COPY serial number: 1030

KENILWORTH COMPUTERS WOULD LIKE TO INTRODUCE YOU TO.....

G E M I N I ' S

M F B - 2

MULTI-FORMAT-BIOS-2 SYSTEM

Gemini's new MFB-2 system is NOT just 'another' microcomputer, it is the "Ultimate disk copier". It provides the ability to format and transfer data between ~~any~~ of the microcomputer formats currently available today. The main advantage of the MFB-2 system is that it allows the user to add format, that may not even yet exist in the present software market.

Complementaly to the other items of the MFB-2 system is the small unique and highly efficient half-height four drive package which co•nsists of the following:

5.25" 96 TPI dual speed 800K/1.2MB floppy disk drive
5.25" 48 TPI 400K floppy disk
3.5" double sided double density micro floppy drive

CHOICE OF : 10MB or 20MB Winchester hard disk

OPTIONAL: 8" disk drive

An MS-DOS series of software is included in every MFB-2 purchase, to enable data transfer to and from almost all MS-DOS and PC-DOS systems. Also, with every purchase, Gemini provides a FREE twelve-month format library up-date service, which is beneficial in the present period of the forever changing disk format.

If you are interested in such a system, please do not hesitate to contact either myself or Philip Sherlock at the above address or telephone number.

Telecom Gold:- 84:DDS132

Telex:- 265871 MONREF G quoting REF: 84:DDS132

8th August 1985

Mickey Mouse
Donald Duck Lane
Disneyland
Leamington Spa
Warwickshire
CV88 8LL

Dear Sirs

KENILWORTH COMPUTERS WOULD LIKE TO INTRODUCE YOU TO THE.....

G E M I N I

M F B - 2

The **MFB-2** is a logical development in the Gemini Multi Format Bios System which enables the conversion between any two of several-hundred different computer's floppy disk formats. It has already proved invaluable in Universities, Colleges, Businesses with a variety of machines on-site and people who gather data for further processing - eg: type-setters. The **MFB-2** has a wider range of disk drive hardware built in and can handle even more disk formats.

If you have problems with transferring information from one computer to another, almost certainly **MFB-2** can help you. When it is not in use for this specialised application, it can also be used as an amazingly flexible computer system in its own right.

If you are interested in the **MFB-2** and the efficiency benefits it can bring then I urge you to read the attached leaflet which identifies how it can solve an otherwise intractable problem.

In the meantime, please do not hesitate to contact myself or Philip Sherlock if you have any queries or require further information.

Yours faithfully

David Searle



Gemini Microcomputers Ltd

Unit 4 Springfield Road Chesham Bucks HP5 1PU

Tel: (0494) 771987 Telex 837788

M-F-B 2 UPDATES

The format information file supplied with the M-F-B 2 system currently contains over 100 different formats. This is only a small portion of the number of possible different formats that the M-F-B 2 system can support. It is our intention to expand this library as the necessary information is made available to us. The M-F-B 2 system software is also under constant development to increase the range of different formats it can support and to enhance the operation of the system. By returning the form below to us, at the above address, the Update Service will keep you informed of any additional format information and M-F-B developments for a period of twelve months. After this period the Update Service will continue to be available upon payment of a subscription fee.

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Software update information service.

Gemini M-F-B 2

Name of M-F-B contact: G.D.SEARLE P.S.SHERLOCK

Company Name: KENILWORTH COMPUTERS

NOTE:- WILL BE SOLD ON LATER.

Address: 19 TALISMAN SQUARE, KENILWORTH, WARWICKSHIRE,
CV8 1JB

Telephone number: 0926-512127 / 512348

Gemini M-F-B 2 type: GM 925

Additional drives:

Gemini M-F-B 2 serial number (on rear of machine): 2272 Date of purchase: DEC 85

Gemini CP/M serial number (on master floppy disk): 2-248-02662

M-F-B software release number: V3.3 LOW 1.3 MS-COPY serial number: 1041

Gemini Computer Systems Limited

Springfield Road, Chesham, Bucks HP5 1PU.
Telephone: (0494) 791010. Telex: 837788

20th December 1985

Dear Sir

Please find enclosed with this letter a Software Upgrade kit for your Gemini M-F-B 2 system. By following the enclosed instructions, you will be able to update your M-F-B 2 system to our new library, that now contains approximately 450 disk/machine format combinations.

The kit consists of:

Master Update Disk This contains all the files necessary to update your M-F-B 2 system to the latest software release.

M-F-B 2 manual (Issue 5) This describes how to operate your M-F-B 2 system, and has been fully updated to include all of the new facilities offered by the latest software release.

MS-COPY manual (Issue 2) This describes how to use the latest MS-COPY software release, and includes details of the new MS-CHECK utility program that is now included with the M-F-B 2 system.

(Note: you may already have this manual, in which case it has not been included in this pack.)

Installation Instructions Instructions on how to update the software on your M-F-B 2 system using the enclosed disk.

Notes on the new library These notes give details of special actions that should be taken when operating the M-F-B system with certain formats.

Dealer services Information sheets on certain services and items available from Gemini M-F-B 2 dealers.

We hope that you find the new facilities offered by this new software useful, and that the updated library gives you access to the full range of machines that you require. Please do not forget that, should you encounter any difficulties with this software, or should you come across any formats that you are unable to enter into the M-F-B 2 system yourself, you can telephone your personal contact at certain times at the Gemini M-F-B 2 Support Service, as detailed in the initial registration letter that I sent to you.

Yours sincerely



P.A. Greenhalgh
Technical Manager

stat disk:

A: Drive Characteristics

65536: 128 Byte Record Capacity
8192: Kilobyte Drive Capacity
1024: 32 Byte Directory Entries
0: Checked Directory Entries
256: Records/ Extent
32: Records/ Block
128: Sectors/ Track
2: Reserved Tracks

H: Drive Characteristics

5680:	128	Byte Record Capacity
710:	Kilobyte Drive Capacity	
128:	32 Byte Directory Entries	
128:	Checked Directory Entries	
128:	Records/ Extent	
16:	Records/ Block	
72:	Sectors/ Track	
1:	Reserved Tracks	

H3

Gemini Multi-Format-BIOS Setup program Version 3.3

D = GEMQDDDS E = GEMDDDS F = GEMDDDS G = GEM3.5 H = TEST
(0) MID 5" (1) RIGHT 5" (0) MID 5" (2) RHS 3.5" (2) RHS 3.5"
Format Definition

Format name.....: TEST OS type (CP/M=0)...: CP/M
Format description...: Atari 1040ST CP/M ???

Drive type (8/5/3):	3	Side mode(C/T/S/U):	C	Index mark (Y/N)....:	Y
Tracks-per-inch....:	135			Format byte.....:	E5
Tracks-per-side....:	80	Logical secs/trk..:	*	First sector no....:	1
Sides-per-disc....:	2	Reserved tracks...:	1	Phys. sector skew...:	0
Sectors-per-track.:	9	Block size (K)....:	2	Gap 1 length.....:	65
Bytes-per-sector...:	512	Extent mask.....:	*	Gap 2 length(34/43):	37
Density (S/D)....:	D	Directory entries.:	128	Gap 3 length(>34)....:	95
Data rate (H/L)....:	L			Side fields.....:	*
Invted data (Y/N)..:	N			Sector size field...:	*
Reverse sides(Y/N):	N			Special init.....:	N

Sector translate table : None

Save, Delete, Edit, Ignore ? (S/D/E/I):

* * * * *

Gemini Computer Systems Limited

Springfield Road, Chesham, Bucks HP5 1PU.
Telephone: (0494) 791010. Telex: 837788

PAG/VW

15 May 1986

Dear Sirs

re: M-F-B UPDATES

Please find enclosed with this letter 12 new formats that you may wish to type into your M-F-B Format Library via the SETUP program. In addition, after these 12 formats, you will find 4 more where we have made minor modifications to the format data, and for which you should again use the SETUP program to make corrections.

We are currently working on another major update to the format library and hope to be able to send this to you towards the latter part of June. We hope that with this new library we can give you access to more than 600 formats. However, there may be formats that you have added to your library yourself and these will not be in the new Gemini library that we will be issuing you with. This will mean that you will have to make a note of all their details and then re-enter them again after installing the new library.

If you wish to avoid this now, and when we release future libraries, then perhaps you could send us a disk of the type that you have added to M-F-B yourself, along with a copy of the table of format details that you have been using, so that we can add it permanently to the master library. Please note that the disk should be from the actual target machine, with suitable data written on it, and not one generated by M-F-B. If possible we would like to keep this disk, and will return a new disk to you.

Yours sincerely



S BATH
M-F-B Support Service

Enc

Gemini Computer Systems Limited

Springfield Road, Chesham, Bucks HP5 1PU.
Telephone: (0494) 791010. Telex: 837788

NOVEMBER 1985

Dear Sir

Re: Gemini Galaxy Computer

Choosing Diskettes

Contratulations. You are now the owner of the latest Galaxy CP/M computer system. The Galaxy uses the latest technology in disk drives and experience shows that low cost diskettes of questionable quality can prove to be extremely problematical. When purchasing diskettes ensure that they are suitable for single or double sided (depending on the Galaxy model purchased) use with 96tpi drives of the 80 track variety. Many diskettes are only certified for 77 track use. We have found Fuji disks to be of a very high quality.

Registration

If you wish to be kept informed of software and hardware developments relevant to your Galaxy computer, then please fill in the form below and return it to Gemini at the above address.

To: Gemini Computer Systems Ltd, Springfield Road, Chesham, Bucks, HP5 1PW

Please register my Galaxy computer for any information on software updates, etc.

Name:

Address:

Machine purchased from (Dealer):

Date of purchase:

Serial Number (on rear of Galaxy):

Model: GM

b:
B>stat dsk:

A: Drive Characteristics
2432: 128 Byte Record Capacity
304: Kilobyte Drive Capacity
128: 32 Byte Directory Entries
128: Checked Directory Entries
256: Records/ Extent
16: Records/ Block
64: Sectors/ Track
2: Reserved Tracks

B: Drive Characteristics
2432: 128 Byte Record Capacity
304: Kilobyte Drive Capacity
128: 32 Byte Directory Entries
128: Checked Directory Entries
256: Records/ Extent
16: Records/ Block
64: Sectors/ Track
2: Reserved Tracks

B>dir
B: PIP COM : STAT COM : NUM2 TXT : NUMBERS TXT
B>stat *.*

Recs	Bytes	Ext	Acc
256	32k	2	R/W B:NUM2.TXT
2023	254k	8	R/W B:NUMBERS.TXT
58	8k	1	R/W B:PIP.COM
44	6k	1	R/W B:STAT.COM

Bytes Remaining On B: 0k

B>

256 bytes / sector
16 sectors

$$64 \times 128 = 16 \times 512$$

$$\cancel{+ 128} \quad 653768$$

1234 0,101112 9678 13 14 15 16

Husky

***** Gemini Multi-Format-BIOS Setup program Version 3.3

C = GEMQDDDS D = NASLDDDS E = HUSKY F = HUSK8 G = NASLDDSS
(O) MID 5" (O) MID 5" (1) RIGHT 5" (4) EIGHT" (O) MID 5"
Format Definition

Format name.....: HUSKY

OS type (CP/M=0)...: CP/M

Format description..:

Drive type (8/5/3): 5	Side mode(C/T/S/U): C	Index mark (Y/N)...: Y
Tracks-per-inch...: 48	Logical secs/trk...: *	Format byte.....: E5
Tracks-per-side...: 40	Reserved tracks...: 2	First sector no....: 1
Sides-per-disc...: 2	Block size (K)...: 2	Phys. sector skew...: 0
Sectors-per-track.: 16	Extent mask.....: *	Gap 1 length.....: 65
Bytes-per-sector..: 256	Directory entries.: 128	Gap 2 length(34/43): 37
Density (S/D)....: D		Gap 3 length(>34)...: 69
Data rate (H/L)...: L		Side fields.....: *
Invted data (Y/N)..: N		Sector size field...: *
Reverse sides(Y/N): N		Special init.....: N

Sector translate table : None

Save, Delete, Edit, Ignore ? (S/D/E/I):

***** Gemini Multi-Format-BIOS Setup program Version 3.3

C = GEMQDDDS D = NASLDDDS E = HUSKY F = HUSK8 G = NASLDDSS
(O) MID 5" (O) MID 5" (1) RIGHT 5" (4) EIGHT" (O) MID 5"
Format Definition

Format name.....: HUSK8

OS type (CP/M=0)...: CP/M

Format description..: husky 8 inch

Drive type (8/5/3): 8	Side mode(C/T/S/U): S	Index mark (Y/N)...: Y
Tracks-per-inch...: 48	Logical secs/trk...: *	Format byte.....: E5
Tracks-per-side...: 77	Reserved tracks...: 2	First sector no....: 1
Sides-per-disc...: 1	Block size (K)...: 2	Phys. sector skew...: 0
Sectors-per-track.: 50	Extent mask.....: *	Gap 1 length.....: 54
Bytes-per-sector..: 128	Directory entries.: 128	Gap 2 length(34/43): 37
Density (S/D)....: D		Gap 3 length(>34)...: 34
Data rate (H/L)...: H		Side fields.....: 00 00
Invted data (Y/N)..: N		Sector size field...: *
Reverse sides(Y/N): N		Special init.....: N

Sector translate table : 1 7 13 19 25 31 37 43 49 5 11 17 23 29 35 41 47 :
9 15 21 27 33 39 45 2 8 14 20 26 32 38 44 50 6 12 18 24 30 36 42 48 4 10
16 22 28 34 40 46

Save, Delete, Edit, Ignore ? (S/D/E/I):

Upgraded CP/M

This system has been supplied with our new CP/M operating system. This has several enhancements over its predecessor, including:

- the ability to add different drive types to the system
(the user may set the stepping rate, settling time, head-load time, number of heads, number of tracks, drive tpi, etc for each drive)
- the ability to read and write disks of alternative formats
(including IBM PC and XT, 8 sector, CP/M-86 formats)
- the ability to read, write and initialise PC-DOS disks
(when used with the optional IBMCOPY program)
- automatic GM833 RAM-DISK detection and initialisation
- the ability for the user to define ALL cursor types
- the ability to disable Edit Mode

In addition, in Winchester hard disk drive based systems:

- support of TWO alternative system tracks
- user definable directory sizes
- user definable Winchester drive sub-division

The enclosed manual, "Gemini CP/M-80, BIOS Verion 3.2", details the use of this CP/M. Please note that the CP/M now has an enhanced patch area, and so the information in this manual now supercedes that in the "Gemini Computer Users' Manual" - i.e. pages 21 to 25 of the "Gemini CP/M-80 .." manual should be used instead of pages 28 to 32 of the "Gemini Computer .." manual.

Similarly, the CONFIG program has been enhanced to utilise these additional features, and so the section on CONFIG in the "Gemini CP/M-80 .." manual (pages 28 to 32) should be used instead of that in the "Gemini Computer .." manual (pages 23 to 25).

If you already have a Gemini system with a previous CP/M BIOS Version then care should be taken not to get the CONFIG programs confused. It should also be noted that the MOVCPM.COM program is no longer required or supplied with the new CP/M release, and you should refer to section 3 of the "Gemini CP/M-80 .." manual should you wish to generate a new CP/M system track.

Gemini Computer Systems Limited

Springfield Road, Chesham, Bucks HP5 1PU.
Telephone: (0494) 791010. Telex: 837788

G.D. Searle/P.S. Sherlock
Kenilworth Computers
19 Talisman Square
KENILWORTH
Warwickshire
CV8 1JB

20th December 1985

Dear Sir,

Thank you for returning your Gemini M-F-B 2 registration form. This entitles you to M-F-B format library updates for 12 months from the date of purchase of your system. Updates may take various forms:

- 1) Listings of new formats for you to enter into the system via the program SETUP. These will be sent free of charge, from time to time, during the Library Update period.
- 2) A new disk, containing revised utility programs and a complete copy of the current library at that time. In this instance there may be a media plus handling charge.

Library Enhancements

At the time of writing the format library covers the vast majority of popular machines. There are still many more formats that we are sure M-F-B 2 can cope with, but the single major problem that we have encountered to date is actually obtaining a disk from the target machine. This is perhaps where we can come to a mutual arrangement. If you have access to disks from machines that are not currently supported by M-F-B 2, then if you send them to us so that we can add them to the library, then in return we will:

- a) return new, blank disks to replace the ones you have sent us, and
- b) waive certain charges for the M-F-B services that we offer.

It is important to note that although we are confident that the M-F-B 2 will cope with many more of the formats that are not currently included in the library, there are certain restrictions, including those detailed in the manual, that may preclude the installation of specific formats. In these instances we will return the disk to you along with a note explaining why we are not able to implement this format. We feel that instances of this type will be few.

New Utility Programs

We hope that over the next few months we will be able to offer you more utility programs similar to MS-COPY, i.e. utilities to allow the transfer of specified files from one operating system type to another incompatible one. You will automatically be sent details of these as and when they become available. If you have any particular requirements then please send details to us so that we can assess the possibility of producing a utility program.

Correspondence Address

Please note that ALL correspondence concerning your M-F-B 2 should be addressed to:

M-F-B 2 Support Service
Gemini Computer Systems Ltd.,
Unit 4, Springfield Road,
CHESHAM
Bucks. HP5 1PU.

Any correspondence MUST quote your M-F-B 2 registration number, which is given below. In addition we can accept phone calls concerning the library at certain times of the day. These times will normally be:

Monday: 2.00 - 3.00 Wednesday: 12.00 - 1.00 Friday: 12.00 - 1.00

The number to call has recently changed to 0494 791010. The name of your personal M-F-B 2 contact is given below.

Yours sincerely



P.A. Greenhalgh
Technical Manager

YOUR M-F-B 2 LIBRARY REGISTRATION NUMBER IS: 122-2272

YOUR INTERNAL GEMINI M-F-B 2 CONTACT IS: STEVEN BATH

Please note that Gemini Computer Systems Ltd reserves the right to modify any of the terms or conditions or offers specified in this letter at any time, without notice.

Installing the new M-F-B 2 Software.

Your MFB 2 update disk contains the following files:

ANALYSE.COM	Version 2.0	MSCHECK.COM	Version 2.1
FORMAT.COM	Version 3.2	MSCOPY.COM	Version 3.2
SET.COM	Version 3.2	BIOSMFB.SYS	Version 3.4
SETUP.COM	Version 3.2	BIOSW.SYS	Version 3.4
FORMATS.DAT December 1985 Release			
TATPAT.COM	Version 2.1	FERPPCS.INI	
U16.COM => U31.COM		FTSDS8.INI	
UHELP.COM		FTSSS8.INI	
TURBODOS.TXT		M2500DC.INI	
APRICDSC.INI		M2500SC.INI	
APRICDSM.INI		ORIONDS.INI	
APRICSSC.INI		ORIONSS.INI	
APRICSSM.INI			
HP150DM.INI			
HP150SM.INI			
FERPPCD.INI			

The following notes are intended for people who have not altered the MFB.CFG or SYSTEMW.CFG files that were supplied with the original system.

NOTE: Before installing the new software you should make a record of any formats that you have added to the format library yourself, as these will be lost when the update is done. The easiest way to make this record is to take printouts of the relevant formats. Details of how to do this are given in your M-F-B 2 manual.

- 1 Use SETUP.COM to configure the first available floppy drive to GEMQDDS format (the format of the Update Disk).
- 2 Make a backup copy of your Update Disk. (This is so you do not accidentally erase the Update disk before it has been used.)
- 3 Copy the following files from your original master M-F-B 2 floppy disk that was supplied with the system onto the backup Update Disk.
GENSYS.COM
MFB.CFG
SYSTEMW.CFG
CPM.SYS
- 4 Log onto the GEMQDDS drive (e.g. D:<return>) with the Update backup disk present. Type the following commands.
GENSYS MFB <return>
S (for saving system track)
A (for drive A)
0 (for system track 0)
Y (for Yes)

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Repeat for the second system track
GENSYS SYSTEMW <return>
S (for saving system track)
A (for drive A)
1 (for system track 1)
Y (for Yes)

- 5 Copy ANALYSE.COM, FORMAT.COM, SET.COM, SETUP.COM, MSCHECK.COM, MSCOPY.COM TATPAT.COM, U16.COM ==> U31.COM, UHELP.COM, TURBODOS.TXT AND READ.ME onto drive A of your system. Also, if you are going to want to format any of the format types that require special initialisation files to be present (e.g. HP150SM.INI) then these should also be copied over.
 - 6 Copy the new FORMATS.DAT onto drive A of your system.
NB. The new FORMATS.DAT will overwrite your old FORMATS.DAT, therefore if you have added any of your own format information, these will have to be manually entered into the new FORMATS.DAT.
-

There are a number of formats in this library that require special action to be taken in order to guarantee compatibility with the target system. In general the format name will have a "+" suffix, indicating that you should refer to the following notes. There are also some formats referred to below where there is no "+" suffix in the name. Generally these are formats that require an initialisation file (.INI) to be present on drive A: of the Winchester drive when the disk is being formatted. Certain .INI files are supplied with your M-F-B 2 system.

ALPHAP3+ The first two tracks are "S" format and the rest of the disk is "C" format. The system tracks can be modified before any copying is done to convert the complete disk to a "C" format. After the copying session the disk must be converted back to the Alphatronics format.

Use DU.COM

Log into the ALPHAP3+ drive with the L command

T1;S1
<;+28;>;w;-27;/40

The disk is now a normal "C" format

To convert back to Alphatronics

Use DU.COM

Log into the ALPHAP3+ drive with the L command

T2;S1
<;-28;>;w;+29;/40

This is only suitable for non-bootable disks.

APRICDSC Requires APRICDSC.INI when formatting

APRICDSM Requires APRICDSM.INI when formatting

APRICSSC Requires APRICSSC.INI when formatting

APRICSSM Requires APRICSSM.INI when formatting

BBC48F+ This format is required to FORMAT a double sided BBC 48 tpi disk

BBC48S0+ This format will enable you to read and write to side 0 of the Acorn DFS double sided format.

BBC48S1+ This format will enable you to read and write to side 1 of the Acorn DFS double sided format.

EPQX11M+ This format is 67.5 tpi. The 3.5" drive is "double stepped" to achieve 67.5 tpi. You may have problems if you try to format a disk or write data to the EPQX11M+ format.

EQ5NUM1+ Turbodos (See TURBODOS.TXT)
EQ5NUM2+ Turbodos (See TURBODOS.TXT)
EQ5NUM3+ Turbodos (See TURBODOS.TXT)
EQ5NUM4+ Turbodos (See TURBODOS.TXT)
EQ5NUM6+ Turbodos (See TURBODOS.TXT)
EQ8NUM1+ Turbodos (See TURBODOS.TXT)
EQ8NUM2+ Turbodos (See TURBODOS.TXT)
EQ8NUM3+ Turbodos (See TURBODOS.TXT)

FERPPCD Requires FERPPCD.INI when formatting

FERPPCS Requires FERPPCS.INI when formatting

FTSDS8 Requires FTSDS8.INI when formatting

FTSSS8 Requires FTSSS8.INI when formatting

HAYWOOD+ Do not fill the last 12k when writing to this disk.

HP150DM Requires HP150DM.INI when formatting

HP150SM Requires HP150SM.INI when formatting

JARMP5+ Track 0 Side 0 of this format is Single Density.

KALTEXT+ Track 0 Side 0 of this format is Single Density.

KAY10D+ The current release of FORMAT.COM (version 2.0) will not format
the second side.

KAY4D+ The current release of FORMAT.COM (version 2.0) will not format
the second side.

M2500DC Requires M2500DC.INI when formatting

M2500SC Requires M2500SC.INI when formatting

MCS+ Requires MCSUTIL

MZ80B+ The current release of FORMAT.COM (version 2.0) will not format
the second side.

OLETV30+ Track 0 Side 0 of this format is Single Density. (See OLETVTK0)

OLETVTK0 Special format and initialisation for first track of Olivetti ETV
300. (Format a disk using OLETV30+ and then format again using
OLETVTK0)- Requires OLETVTK0.INI

ORIONDS Requires ORIONDS.INI when formatting

ORIONSS Requires ORIONSS.INI when formatting

SBRNDQD+ Do not put more than 746K on this disk.

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TATG100+ Requires TATPAT Utility.
TATG48S+ Requires TATPAT Utility.
TATG96S+ Requires TATPAT Utility.
TORCH+ Requires TORCH Utility.
TULIP5M+ The current release of FORMAT.COM will not format the second side.
TULIP7M+ The current release of FORMAT.COM will not format the second side.
TYCBOOM+ Requires special initialisation
TYCDATM+ Requires special initialisation
TYCOMC+ Requires special initialisation

The following additional information is supplied with your MFB 2 for use with the enclosed format library release.

ALPDS4+ This format should be read by double stepping on a 96tpi drive.

ALPHAP3+ The first two tracks are "S" format and the rest of the disk is "C" format. The system tracks can be modified before any copying is done to convert the complete disk to a "C" format. After the copying session the disk must be converted back to the Alphatronics format.

Use DU.COM

Log into the ALPHAP3+ drive with the L command

T1;S1
<;+28;>;w;-27;/40

The disk is now a normal "C" format

To convert back to Alphatronics

Use DU.COM

Log into the ALPHAP3+ drive with the L command

T2;S1
<;-28;>;w;+29;/40

This is only suitable for non-bootable disks.

APRICDSC Requires APRICDSC.INI when formatting

APRICDSM Requires APRICDSM.INI when formatting

APRICSSC Requires APRICSSC.INI when formatting

APRICSSM Requires APRICSSC.INI when formatting

BBC48F+ This format is required to FORMAT a double sided BBC 48 tpi disk

BBC48S0+ This format will enable you to read and write to side 0 of the Acorn DFS double sided format.

BBC48S1+ This format will enable you to read and write to side 1 of the Acorn DFS double sided format.

BBCDD96 Requires BBCUTIL

CAN100C+ The current release of FORMAT.COM (Version 2.0) will not format the second side.

DECRT11+ Requires FILESTAR.COM

EPQX11M+ This format is 67.5 tpi. The 3.5" drive is "double stepped" to achieve 67.5 tpi. You may have problems if you try to format a disk or write data to the EPQX11M+ format.

EQ5NUM1+ Turbodos (See TURBODOS.TXT)
EQ5NUM2+ Turbodos (See TURBODOS.TXT)
EQ5NUM3+ Turbodos (See TURBODOS.TXT)
EQ5NUM4+ Turbodos (See TURBODOS.TXT)
EQ5NUM6+ Turbodos (See TURBODOS.TXT)
EQ5NUM7+ Turbodos (See TURBODOS.TXT)
EQ8NUM1+ Turbodos (See TURBODOS.TXT)
EQ8NUM2+ Turbodos (See TURBODOS.TXT)
EQ8NUM3+ Turbodos (See TURBODOS.TXT)

FERPPCD Requires FERPPCD.INI when formatting

FERPPCS Requires FERPPCS.INI when formatting

FTSDS8 Requires FTSDS8.INI when formatting

FTSSS8 Requires FTSSS8.INI when formatting

HAYWOOD+ Do not fill the last 12k when writing to this disk.

HP150DM Requires HP150DM.INI when formatting

HP150SM Requires HP150SM.INI when formatting

JARMP5+ Track 0 Side 0 of this format is Single Density.

KALTEXT+ Track 0 Side 0 of this format is Single Density.

KAY10D+ The current release of FORMAT.COM (version 2.0) will not format the second side.

KAY4D+ The current release of FORMAT.COM (version 2.0) will not format the second side.

M2500DC Requires M2500DC.INI when formatting

M2500SC Requires M2500SC.INI when formatting

MCS+ Requires MCSUTIL

MZ80B+ The current release of FORMAT.COM (version 2.0) will not format the second side.

OLETV30+ Track 0 Side 0 of this format is Single Density. (See OLETVTK0)

OLETVTK0 Special format and initialisation for first track of Olivetti ETV 300. (Format a disk using OLETV30+ and then format again using OLETVTK0)- Requires OLETVTK0.INI

ORIONDS Requires ORIONDS.INI when formatting

ORIONSS Requires ORIONSS.INI when formatting

SBRNDQD+ Do not put more than 746K on this disk.

TATG100+ Requires TATPAT Utility.

TATG48S+ Requires TATPAT Utility.

TATG96S+ Requires TATPAT Utility.

TORCH+ Requires TORCH Utility.

TULIP5M+ The current release of FORMAT.COM will not format the second side.

TULIP7M+ The current release of FORMAT.COM will not format the second side.

TYCBOOM+ Requires special initialisation

TYCDATM+ Requires special initialisation

TYCOMC+ Requires special initialisation

Gemini Multi-Format-BIOS Setup program Version 3

D = GEMQDD5 E = GEMDDDS F = GEMDDDS G = GEM3.5 H = IBM3740
(0) MID 5" (1) RIGHT 5" (0) MID 5" (2) RHS 3.5" (4) EIGHT"
Format Definition

Format name.....: ATAR520C OS type (CP/M=0)...: CP/M

Format description...: Atari 520 ST CP/M Emulation

Drive type (8/5/3): 3	Side mode(C/T/S/U): S	Index mark (Y/N)...: Y
Tracks-per-inch...: 135		Format byte.....: E5
Tracks-per-side...: 80	Logical secs/trk...: *	First sector no....: 1
Sides-per-disc....: 1	Reserved tracks....: 2	Phys. sector skew...: 0
Sectors-per-track.: 9	Block size (K)....: 2	Gap 1 length.....: 65
Bytes-per-sector..: 512	Extent mask.....: *	Gap 2 length(34/43): 37
Density (S/D)....: D	Directory entries.: 64	Gap 3 length(>34)...: 95
Data rate (H/L)...: L		Side fields.....: *
Invtd data (Y/N)..: N		Sector size field...: *
Reverse sides(Y/N): N		Special init.....: N

Sector translate table : None

Save, Delete, Edit,Ignore ? (S/D/E/I):

Gemini Multi-Format-BIOS Setup program Version 3

D = GEMQDD5 E = GEMDDDS F = GEMDDDS G = GEM3.5 H = IBM3740
(0) MID 5" (1) RIGHT 5" (0) MID 5" (2) RHS 3.5" (4) EIGHT"
Format Definition

Format name.....: AVLEAGL4 OS type (CP/M=0)...: CP/M

Format description...: AVL Eagle IV

Drive type (8/5/3): 5	Side mode(C/T/S/U): S	Index mark (Y/N)...: Y
Tracks-per-inch...: 96		Format byte.....: E5
Tracks-per-side...: 80	Logical secs/trk...: *	First sector no....: 1
Sides-per-disc....: 2	Reserved tracks....: 2	Phys. sector skew...: 0
Sectors-per-track.: 5	Block size (K)....: 2	Gap 1 length.....: 65
Bytes-per-sector..: 1024	Extent mask.....: *	Gap 2 length(34/43): 37
Density (S/D)....: D.	Directory entries.: 192	Gap 3 length(>34)...: 133
Data rate (H/L)...: L		Side fields.....: *
Invtd data (Y/N)..: N		Sector size field...: *
Reverse sides(Y/N): N		Special init.....: N

Sector translate table : None

Save, Delete, Edit,Ignore ? (S/D/E/I):

```
*****
          Gemini Multi-Format-BIOS Setup program Version 3
D = GEMQDDDS    E = GEMDDDS    F = GEMDDDS    G = GEM3.5      H = IBM3740
(0) MID 5"      (1) RIGHT 5"   (0) MID 5"      (2) RHS 3.5"   (4) EIGHT"
                                         Format Definition
```

```
Format name.....: CAN100M          OS type (CP/M=0)...: MSDOS
Format description..: Canon AS-100 MS-DOS
```

```
Drive type (8/5/3): 5     Side mode(C/T/S/U): C     Index mark (Y/N)...: Y
Tracks-per-inch...: 96    Boot size(sectors): 4     Format byte.....: E5
Tracks-per-side...: 80    Sectors/cluster...: 8     First sector no....: 1
Sides-per-disc....: 2     Sectors/FAT.....: 8     Phys. sector skew...: 0
Sectors-per-track.: 8     Media byte.....: FB     Gap 1 length.....: 65
Bytes-per-sector...: 512    Directory entries.: 112   Gap 2 length(34/43): 37
Density (S/D).....: D     Number of FATS....: 2     Gap 3 length(>34)...: 95
Data rate (H/L)....: L     FAT ID byte.....: FB     Side fields.....: *
Invited data (Y/N)..: N
Reverse sides(Y/N): N     Sector size field..: *
                                         .                           Sector size field..: *
                                         .                           Special init.....: N
```

```
Sector translate table : None
```

```
Save, Delete, Edit,Ignore ? (S/D/E/I):
```

```
*****
          Gemini Multi-Format-BIOS Setup program Version 3
D = GEMQDDDS    E = GEMDDDS    F = GEMDDDS    G = GEM3.5      H = IBM3740
(0) MID 5"      (1) RIGHT 5"   (0) MID 5"      (2) RHS 3.5"   (4) EIGHT"
                                         Format Definition
```

```
Format name.....: EPSONQXU          OS type (CP/M=0)...: CP/M
Format description..: Epson QX-10 (American)
```

```
Drive type (8/5/3): 5     Side mode(C/T/S/U): C     Index mark (Y/N)...: N
Tracks-per-inch...: 48    Logical secs/trk..: *     Format byte.....: E5
Tracks-per-side...: 40    Reserved tracks...: 2     First sector no....: 1
Sides-per-disc....: 2     Block size (K)....: 2     Phys. sector skew...: 0
Sectors-per-track.: 10   Extent mask.....: *     Gap 1 length.....: 65
Bytes-per-sector...: 512    Directory entries.: 64   Gap 2 length(34/43): 37
Density (S/D).....: D
Data rate (H/L)....: L
Invited data (Y/N)..: N
Reverse sides(Y/N): N     Gap 3 length(>34)...: 45
                                         Side fields.....: *
                                         Sector size field..: *
                                         Special init.....: N
```

```
Sector translate table : None
```

```
Save, Delete, Edit,Ignore ? (S/D/E/I):
```

```
*****
        Gemini Multi-Format-BIOS Setup program Version 3
D = GEMQDD5      E = GEMDDDS      F = GEMDDDS      G = GEM3.5      H = IBM3740
(0) MID 5"       (1) RIGHT 5"    (0) MID 5"       (2) RHS 3.5"    (4) EIGHT"
                                         Format Definition
```

```
Format name.....: JB3000          OS type (CP/M=0)...: MSDOS
Format description..: Panasonic MSDOS
```

```
Drive type (8/5/3): 8      Side mode(C/T/S/U): C      Index mark (Y/N)...: Y
Tracks-per-inch...: 48      Boot size(sectors): 8      Format byte.....: E5
Tracks-per-side...: 77      Sectors/cluster...: 8      First sector no....: 1
Sides-per-disc....: 2      Sectors/FAT.....: 16     Phys. sector skew...: 0
Sectors-per-track.: 8      Media byte.....: FE      Gap 1 length.....: 65
Bytes-per-sector...: 1024    Directory entries.: 192    Gap 2 length(34/43): 37
Density (S/D).....: D      Number of FATS....: 2      Gap 3 length(>34)...: 68
Data rate (H/L)...: H      FAT ID byte.....: FE      Side fields.....: *
Invtd data (Y/N)..: N      Reverse sides(Y/N): N      Sector size field...: *
                                         Special init.....: N
```

```
Sector translate table : None
```

```
Save, Delete, Edit,Ignore ? (S/D/E/I):
```

```
*****
        Gemini Multi-Format-BIOS Setup program Version 3
D = GEMQDD5      E = GEMDDDS      F = GEMDDDS      G = GEM3.5      H = IBM3740
(0) MID 5"       (1) RIGHT 5"    (0) MID 5"       (2) RHS 3.5"    (4) EIGHT"
                                         Format Definition
```

```
Format name.....: LSINUM6          OS type (CP/M=0)...: MSDOS
Format description...: LSI Octopus 96tpi MS-DOS
```

```
Drive type (8/5/3): 5      Side mode(C/T/S/U): C      Index mark (Y/N)...: Y
Tracks-per-inch...: 96      Boot size(sectors): 4      Format byte.....: E5
Tracks-per-side...: 80      Sectors/cluster...: 16     First sector no....: 1
Sides-per-disc....: 2      Sectors/FAT.....: 8      Phys. sector skew...: 0
Sectors-per-track.: 9      Media byte.....: F0      Gap 1 length.....: 65
Bytes-per-sector...: 512     Directory entries.: 112    Gap 2 length(34/43): 37
Density (S/D).....: D      Number of FATS....: 2      Gap 3 length(>34)...: 95
Data rate (H/L)...: L      FAT ID byte.....: F8      Side fields.....: *
Invtd data (Y/N)..: N      Reverse sides(Y/N): N      Sector size field...: *
                                         Special init.....: N
```

```
Sector translate table : None
```

```
Save, Delete, Edit,Ignore ? (S/D/E/I):
```

Gemini Multi-Format-BIOS Setup program Version 3
D = GEMQDDDS E = GEMDDDS F = GEMDDDS G = GEM3.5 H = IBM3740
(0) MID 5" (1) RIGHT 5" (0) MID 5" (2) RHS 3.5" (4) EIGHT"
Format Definition

Format name.....: MORROWS OS type (CP/M=0)...: CP/M
Format description..: Morrow Microdecision 40trk SS

Drive type (8/5/3): S Side mode(C/T/S/U): S Index mark (Y/N)...: Y
Tracks-per-inch...: 48 Format byte.....: E5
Tracks-per-side...: 40 Logical secs/trk...: * First sector no....: 1
Sides-per-disc....: 1 Reserved tracks...: 2 Phys. sector skew...: 0
Sectors-per-track.: 5 Block size (K)...: 2 Gap 1 length.....: 65
Bytes-per-sector...: 1024 Extent mask.....: * Gap 2 length(34/43): 37
Density (S/D).....: D Directory entries.: 128 Gap 3 length(>34)...: 109
Data rate (H/L)...: L Side fields.....: *
Invted data (Y/N): N Sector size field...: *
Reverse sides(Y/N): N Special init.....: N

Sector translate table : 1 4 2 5 3

Save, Delete, Edit, Ignore ? (S/D/E/I):

Gemini Multi-Format-BIOS Setup program Version 3
D = GEMQDDDS E = GEMDDDS F = GEMDDDS G = GEM3.5 H = IBM3740
(0) MID 5" (1) RIGHT 5" (0) MID 5" (2) RHS 3.5" (4) EIGHT"
Format Definition

Format name.....: NECAFC3M OS type (CP/M=0)...: MSDOS
Format description..: NEC APCIII

Drive type (8/5/3): S Side mode(C/T/S/U): C Index mark (Y/N)...: Y
Tracks-per-inch...: 96 Format byte.....: E5
Tracks-per-side...: 80 Boot size(sectors): 4 First sector no....: 1
Sides-per-disc....: 2 Sectors/cluster...: 8 Phys. sector skew...: 0
Sectors-per-track.: 9 Sectors/FAT.....: 12 Gap 1 length.....: 65
Bytes-per-sector...: 512 Media byte.....: F9 Gap 2 length(34/43): 37
Density (S/D).....: D Directory entries.: 112 Gap 3 length(>34)...: 95
Data rate (H/L)...: L Number of FATS....: 2 Side fields.....: *
Invted data (Y/N): N FAT ID byte.....: F9 Sector size field...: *
Reverse sides(Y/N): N Special init.....: N

Sector translate table : None

Save, Delete, Edit, Ignore ? (S/D/E/I):

Gemini Multi-Format-BIOS Setup program Version 3
D = GEMQDD5 E = GEMDDDS F = GEMDDDS G = GEM3.5 H = IBM3740
(0) MID 5" (1) RIGHT 5" (0) MID 5" (2) RHS 3.5" (4) EIGHT"
Format Definition

Format name.....: OEMSNTPR OS type (CP/M=0)...: CP/M
Format description..: OEM Screenwriter

Drive type (8/5/3): 5	Side mode(C/T/S/U): S	Index mark (Y/N)...: N
Tracks-per-inch...: 48	Logical secs/trk...: *	Format byte.....: ES
Tracks-per-side...: 40	Reserved tracks...: 2	First sector no....: 0
Sides-per-disc....: 2	Block size (K)....: 2	Phys. sector skew..: 2
Sectors-per-track.: 10	Extent mask.....: *	Gap 1 length.....: 45
Bytes-per-sector..: 512	Directory entries.: 128	Gap 2 length(34/43): 37
Density (S/D)....: D		Gap 3 length(>34)...: 45
Data rate (H/L)...: L		Side fields.....: *
Invtd data (Y/N)..: N		Sector size field..: *
Reverse sides(Y/N): N		Special init.....: N

Sector translate table : None

Save, Delete, Edit, Ignore ? (S/D/E/I):

Gemini Multi-Format-BIOS Setup program Version 3
D = GEMQDD5 E = GEMDDDS F = GEMDDDS G = GEM3.5 H = IBM3740
(0) MID 5" (1) RIGHT 5" (0) MID 5" (2) RHS 3.5" (4) EIGHT"
Format Definition

Format name.....: OPTIM OS type (CP/M=0)...: CP/M
Format description..: Optim Visual SSDD

Drive type (8/5/3): 5	Side mode(C/T/S/U): S	Index mark (Y/N)...: N
Tracks-per-inch...: 96	Logical secs/trk...: *	Format byte.....: ES
Tracks-per-side...: 80	Reserved tracks...: 2	First sector no....: 1
Sides-per-disc....: 1	Block size (K)....: 2	Phys. sector skew..: 2
Sectors-per-track.: 10	Extent mask.....: *	Gap 1 length.....: 44
Bytes-per-sector..: 512	Directory entries.: 256	Gap 2 length(34/43): 37
Density (S/D)....: D		Gap 3 length(>34)...: 41
Data rate (H/L)...: L		Side fields.....: *
Invtd data (Y/N)..: N		Sector size field..: *
Reverse sides(Y/N): N		Special init.....: N

Sector translate table : None

Save, Delete, Edit, Ignore ? (S/D/E/I):

Gemini Multi-Format-BIOS Setup program Version 3
D = GEMQDDS E = GEMDDDS F = GEMDDDS G = GEM3.5 H = IBM3740
(0) MID 5" (1) RIGHT 5" (0) MID 5" (2) RHS 3.5" (4) EIGHT"
Format Definition

Format name.....: TAN2000 OS type (CP/M=0)..: MSDOS
Format description..: Tandy Model 2000

Drive type (8/5/3): 5 Side mode(C/T/S/U): C Index mark (Y/N)...: Y
Tracks-per-inch...: 96 Boot size(sectors): 4 Format byte.....: E5
Tracks-per-side...: 80 Sectors/cluster...: 16 First sector no....: 1
Sides-per-disc....: 2 Sectors/FAT.....: 8 Phys. sector skew...: 0
Sectors-per-track.: 9 Media byte.....: FD Gap 1 length.....: 65
Bytes-per-sector...: 512 Directory entries.: 112 Gap 2 length(34/43): 37
Density (S/D)....: D Number of FATS....: 2 Gap 3 length(>34)...: 94
Data rate (H/L)...: L FAT ID byte.....: FD Side fields.....: *
Invted data (Y/N)..: N Sector size field...: *
Reverse sides(Y/N): N Special init.....: N

Sector translate table : None

Save, Delete, Edit, Ignore ? (S/D/E/I):

Gemini Multi-Format-BIOS Setup program Version 3
D = GEMQDDS E = GEMDDDS F = GEMDDDS G = GEM3.5 H = IBM3740
(0) MID 5" (1) RIGHT 5" (0) MID 5" (2) RHS 3.5" (4) EIGHT"
Format Definition

Format name.....: TAN557 OS type (CP/M=0)..: MSDOS
Format description..: Tandy 557 MS-DOS

Drive type (8/5/3): 5 Side mode(C/T/S/U): C Index mark (Y/N)...: Y
Tracks-per-inch...: 48 Boot size(sectors): 4 Format byte.....: E5
Tracks-per-side...: 40 Sectors/cluster...: 8 First sector no....: 1
Sides-per-disc....: 2 Sectors/FAT.....: 8 Phys. sector skew...: 0
Sectors-per-track.: 9 Media byte.....: FD Gap 1 length.....: 65
Bytes-per-sector...: 512 Directory entries.: 112 Gap 2 length(34/43): 37
Density (S/D)....: D Number of FATS....: 2 Gap 3 length(>34)...: 95
Data rate (H/L)...: L FAT ID byte.....: FD Side fields.....: *
Invted data (Y/N)..: N Sector size field...: *
Reverse sides(Y/N): N Special init.....: N

Sector translate table : None

Save, Delete, Edit, Ignore ? (S/D/E/I):

Modification to Existing Format - Gap 2 has changed from 37 to 36

***** Gemini Multi-Format-BIOS Setup program Version 3.3
D = GEMQDDS E = GEMDDDS F = GEMDDDS G = GEM3.5 H = IBM3740
(0) MID 5" (1) RIGHT 5" (0) MID 5" (2) RHS 3.5" (4) EIGHT"
Format Definition

Format name.....: ICLPC30C OS type (CP/M=0)...: CP/M
Format description...: ICL Personal Computer Model 30

Drive type (8/5/3): 5 Side mode(C/T/S/U): T Index mark (Y/N)...: N
Tracks-per-inch...: 48 Format byte.....: E5
Tracks-per-side...: 35 Logical secs/trk...: * First sector no....: 1
Sides-per-disc....: 2 Reserved tracks...: 3 Phys. sector skew...: 0
Sectors-per-track.: 30 Block size (K)....: 1 Gap 1 length.....: 26
Bytes-per-sector..: 128 Extent mask.....: * Gap 2 length(34/43): 36 ←
Density (S/D)....: D Directory entries.: 64 Gap 3 length(>34)...: 34
Data rate (H/L)...: L Side fields.....: *
Invtd data (Y/N)..: N Sector size field...: *
Reverse sides(Y/N): N Special init.....: N

Sector translate table : 1 5 9 13 17 21 25 29 3 7 11 15 19 23 27 2 6 10
14 18 22 26 30 4 8 12 16 20 24 28

Save, Delete, Edit, Ignore ? (S/D/E/I):

NOTE: Modification to Existing Format - Gap 2 has changed from 37 to 36

***** Gemini Multi-Format-BIOS Setup program Version 3.3
D = GEMQDDS E = GEMDDDS F = GEMDDDS G = GEM3.5 H = IBM3740
(0) MID 5" (1) RIGHT 5" (0) MID 5" (2) RHS 3.5" (4) EIGHT"
Format Definition

Format name.....: ICLPC31C OS type (CP/M=0)...: CP/M
Format description...: ICL Personal Computer Model 31

Drive type (8/5/3): 5 Side mode(C/T/S/U): T Index mark (Y/N)...: N
Tracks-per-inch...: 48 Format byte.....: E5
Tracks-per-side...: 35 Logical secs/trk...: * First sector no....: 1
Sides-per-disc....: 2 Reserved tracks...: 3 Phys. sector skew...: 0
Sectors-per-track.: 30 Block size (K)....: 1 Gap 1 length.....: 26
Bytes-per-sector..: 128 Extent mask.....: * Gap 2 length(34/43): 36 ←
Density (S/D)....: D Directory entries.: 64 Gap 3 length(>34)...: 34
Data rate (H/L)...: L Side fields.....: *
Invtd data (Y/N)..: N Sector size field...: *
Reverse sides(Y/N): N Special init.....: N

Sector translate table : 1 5 9 13 17 21 25 29 3 7 11 15 19 23 27 2 6 10
14 18 22 26 30 4 8 12 16 20 24 28

Save, Delete, Edit, Ignore ? (S/D/E/I):

NOTE: Modification to Existing Format - Gap 2 has changed from 37 to 36

Gemini Multi-Format-BIOS Setup program Version 3.3
D = GEMQDDDS E = GEMDDDS F = GEMDDDS G = GEM3.5 H = IBM3740
(0) MID 5" (1) RIGHT 5" (0) MID 5" (2) RHS 3.5" (4) EIGHT"
Format Definition

Format name.....: ICLPC32C OS type (CP/M=0)...: CP/M
Format description..: ICL Personal Computer Model 32

Drive type (8/5/3): 5 Side mode(C/T/S/U): T Index mark (Y/N)...: N
Tracks-per-inch...: 48 Format byte.....: ES
Tracks-per-side...: 35 Logical secs/trk...: * First sector no....: 1
Sides-per-disc....: 2 Reserved tracks...: 3 Phys. sector skew...: 0
Sectors-per-track.: 30 Block size (K)...: 1 Gap 1 length.....: 26
Bytes-per-sector..: 128 Extent mask.....: * Gap 2 length(34/43): 36 ←
Density (S/D)....: D Directory entries.: 64 Gap 3 length(>34)...: 34
Data rate (H/L)...: L
Invtd data (Y/N)..: N
Reverse sides(Y/N): N Side fields.....: *
Sector size field...: *
Special init.....: N

Sector translate table : 1 5 9 13 17 21 25 29 3 7 11 15 19 23 27 2 6 10
14 18 22 26 30 4 8 12 16 20 24 28

Save, Delete, Edit, Ignore ? (S/D/E/I):

NOTE: Modification to Existing Format - Side mode has changed from 'T' to 'C'

Gemini Multi-Format-BIOS Setup program Version 3.3
D = GEMQDDDS E = GEMDDDS F = GEMDDDS G = GEM3.5 H = IBM3740
(0) MID 5" (1) RIGHT 5" (0) MID 5" (2) RHS 3.5" (4) EIGHT"
Format Definition

Format name.....: TORCH+ OS type (CP/M=0)...: CP/M
Format description..: Torch CP/N (Requires Torch util)

Drive type (8/5/3): 5 Side mode(C/T/S/U): C ← Index mark (Y/N)...: N
Tracks-per-inch...: 96 Format byte.....: ES
Tracks-per-side...: 80 Logical secs/trk...: * First sector no....: 0
Sides-per-disc....: 2 Reserved tracks...: 0 Phys. sector skew...: 3
Sectors-per-track.: 10 Block size (K)...: 2 Gap 1 length.....: 17
Bytes-per-sector..: 256 Extent mask.....: * Gap 2 length(17/30): 17
Density (S/D)....: S Directory entries.: 256 Gap 3 length(>17)...: 18
Data rate (H/L)...: L
Invtd data (Y/N)..: N Side fields.....: *
Reverse sides(Y/N): N Sector size field...: *
Special init.....: N

Sector translate table : None

Save, Delete, Edit, Ignore ? (S/D/E/I):