

Initialization Parameters

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BTRIEVE Parameters

The workstation-based Btrieve Record Manager provides a variety of initialization parameters. The ones described below affect the running of the Broker/Owner Orders Management System. You should not normally be concerned with these parameters since the “BOOMS” startup procedure already accounts for them. They are presented here for completeness only.


- **/M:** memory size for Btrieve cache buffers in kilobytes. (e.g. /M:64).
- **/P:** page size (e.g. /P:1024). Must be at least 1024 for BOOMS.
- **/T:** transaction file name and location (e.g. /T: BTRIEVE.TRN). This parameter is critical to BOOMS, which does transaction processing extensively. This allows BOOMS to perform updates against multiple databases as if they were one database. For example, the posting of an Order to Accounts Receivable results in the updating of “BORDERS.DBF”, “BACCOUNT.DBF” and “BJOURNAL.DBF”. Without this parameter, BOOMS could not insure that all updates were done successfully. When running on a network, ALL workstations MUST refer to the same PHYSICAL transaction file.
- **/E:** (no arguments) : DO NOT use EXPANDED memory.
- **/B:** preimage buffer size (e.g. /B:10). This is the total amount of memory used for the buffers.
- **/F:** open files (e.g. /F:20). This is the maximum number of unique Btrieve data files that can be opened simultaneously.

 If you are running a server-based Btrieve Record Manager, refer to documentation for that version of Btrieve to determine the proper Btrieve startup parameters (and consult with LCC).

BINT63H Parameters

BINT63H is the BOOMS program that executes from the DOS command prompt. It controls “Signon” and the routing of control to the various BOOMS functions (menus). Following is a description of the BINT63H parameters (You may need to occasionally modify these parameters; e.g. to change the default printer definition).

- **/C:** name and location of the BOOMS system catalog (e.g. /C:C:\BOOMS\DATABASE\BSYSCAT.DBF)
- **/F:** drive where DOS files are created (e.g. /F:C)

 When running under Windows 95/98, if “/F” is set to “C”, then the DIRECTORY (folder) where BOOMS creates the DOS files is determined by the “Working Directory” from the *Program Tab* in the properties sheet. When running under Windows 2000/XP, you must have “create” rights to the directory (folder) where BOOMS will create its temporary files. You may want to standardize where these files are created. For example in “C:\TEMP”.

- **/W:** drive where SORT work files are created (e.g. /W:D)
- **/T:** network type (e.g. /T:IBMPNET or /T:NETWARE)
- **/G:** name of the initial global parameters entry (e.g. /G:BOOMGLOB).

 The Global Parameter name cannot contain special characters under Windows XP.

- **/N:** default printer number. This can be a number from 1 to 4, the letter “T” (CRT) or a drive letter (for spooling). (e.g. /N:1 or /N:T or /N:C). When printing to a disk drive, by default a file with the name BTEMPnnn.BSF is created (where “nnn” was a number from “001” to “999”). In addition, when a drive letter is specified, you can also append the letter “N” (e.g. “FN”, where “F” is a drive letter). Then, BOOMS WILL NOT pause during file creation and the BTEMPnnn file will be automatically renamed with a “PRN” file extension. You may find this useful if you have a Windows printer interface that is capable of automating remote printing for DOS [e.g. NetOp Remote Control]

 DOS programs (including BOOMS) cannot print directly to a printer attached to a USB port. That is, a parallel port is required to reference LPT1 if it is attached directly to a local computer. A USB printer CAN be connected to a network. Then, the printer can be MAPPED to an LPTn and used by BOOMS (and other DOS software).

- **/P:** default printer characteristics (e.g. /P:HPLASER)
- **/X:** file prefix (default is “B”, i.e. /X:B). The file prefix refers to file location entries in “BSYSCAT”. This param-

eter allows different workstations to access the same BOOMS data through different paths. For example, one workstation could refer to "BORDERS.DBF" as "J:\DATABASE\BORDERS.DBF" ("NORDERS" or /X:N) while another could refer to it as "C:\BOOMS\DATABASE\BORDERS.DBF" (BORDERS or /X:B).

- **/K:** is used to indicate if a monitor attached to a graphics adapter is capable of displaying color (ON) or not (OFF). The default is "/K:ON". "/K:OFF" would be used, for example, to tell BOOMS that a B/W monitor is attached to a VGA adapter. This value is also used to indicate that a monitor attached to a monochrome adapter is to be displayed using color attributes ("/K:YES"). This could be used, for example, to remotely access a monochrome system from a color system. **"/K:"**

- /K:0** - This is the classic BOOMS color scheme.
- /K:1** - Yellow on Blue color scheme. (pleasant on the eyes)
- /K:2** - Red on White color scheme. (more of the windows look: run in a window only)
- /K:2X** - Red on Gray color scheme.

The white background for **"/K:2"** is only possible while BOOMS is running in a Window (NOT Full Screen). This is because a PC "Text" display does not have a hi-intensity BACKGROUND COLOR capability that allow white to be displayed (it "blinks" instead). However, in a Window, because you're actually seeing "graphics", the "blink" is interpreted as high intensity. If you switch to full screen, the entire display will "blink" (very bizarre). **"/K:2X"** is provided if you want to run with a gray background in full screen. Once BOOMS is started, you can cycle through the 4 color schemes "on-the-fly" by pressing **"Alt-7"** (that's the number 7). The colors will change to the next scheme in sequence

DOS Environment Variables

BOOMS uses DOS environment variables that add to the capabilities of the BINT63H parameters. DOS environment variables are set from a DOS prompt using "SET" commands (typically in "AUTOEXEC.BAT" or "AUTOEXEC.NT").

- **SET BTEMP=**

Indicates where DOS files are created. This value overrides the **"F"** BINT63H startup parameter. The advantage is that "BTEMP" can specify a path that includes a "directory. For example, if you wanted to direct files to drive "G" in directory "HOME\JOHN", you could issue the following SET command:

```
SET BTEMP=G:\HOME\JOHN
```

- **SET ZTEMP=**

Indicates where ZETAFAK temporary (.SUB) files are created. This is typically a shared network location that is to be scanned by the Zetafax Server program. See the Zetafax documentation for more information.

- **SET BV132=**

*****Windows 98 Only*** (FULL-SCREEN 132-columns is not supported under Windows NT, Windows 2000 or Windows XP):** Super Video Graphics Adapters (SVGA) are capable of displaying some form of full-screen, 132-column output to standard VGA monitors. BOOMS defaults to displaying ONLY 80 columns by 25 columns (80 x 25). Some reports are designed to be printed in compressed mode (16 CPI) and, normally, appear as a 132-column printout on 8 ½ x 11 paper. When printed to the screen, these reports will normally "wrap-around", with 80 columns on the first line and 52 columns on the second line. At times, this screen output can be difficult to read. With this update, BOOMS will switch the display to full-screen, 132-column mode. When you are finished viewing the report on-screen, the display will automatically return to 80 x 25 mode. Depending on your Graphics Adapters, you may be able to display resolutions as high as 132 x 60. Following are some of the values for BV132 (if none of these work as expected, consult the documentation for your Adapter for the correct setting).

```
SET BV132=109      (132x25) - Works with older Graphics Adapters
SET BV132=10A     (132x43) - Works with older Graphics Adapters
SET BV132=10B     (132x50) - May not work with older Graphics Adapters
SET BV132=10C     (132x60) - May not work with older Graphics Adapters
```

- **SET BV80=**

When printing an 80-column report on the screen, BOOMS will switch to 80x43, 80x50 or 80x66 Windowed or Full-screen mode (Windows 98 only). When you are finished viewing the report on-screen, the display will automatically go back to 80x25. [Note: displaying 50+ lines in a window will probably result in a window with a vertical scroll bar, unless the font size is very small (e.g. 8x8 or 8x12). Experiment to see what works best for you viewing tastes]. Following are the values for BV80

SET BV80=43	(80x43) – recommended for 15” and smaller monitors
SET BV80=50	(80x50) – recommended for 17”-18” monitors
SET BV80=66	(80x66) – Windows 98 only. Recommended for 19” and larger monitors only