

# Archive Utility

---

---

Archive Utility Overview .....	I-2
Archive Utility Parameters .....	I-2
Archive Utility Output .....	I-3

## Archive Utility Overview

The BOOMS Archive Utility, BARCHIVE, is used to create ARCHIVE Summary Records from OLD Orders and Accounting Records (Receivables/Payables). In the process, the Orders, Accounting Records, Special Instructions, Notes, and detail Exchange Balance Records are DELETED from the system. In general, this utility is useful after you have been using BOOMS for an extended period of time (e.g. more than 4 years). However, what constitutes OLD Orders to your company can only be determined by you. BOOMS never requires that Orders be archived, but you could realize the following benefits by doing so:

- Archiving can significantly reduce the amount of data stored on the BOOMS databases. Because BOOMS only stores selected Order information on the ARCHIVE database (see “BARCHIVE” Dictionary), archiving can result in up to a 90% reduction in on-line data.
- Archiving can significantly improve database performance. As databases grow in size they become less efficient. Whereas performance degradation is most apparent on slower file servers, it can also be seen on even the fastest file servers with very fast hard disks.
- Archiving can improve BOOMS reporting. Reducing the number of Orders on the system results in reduced search time for records during Orders/Accounting Reporting.

## Archive Utility Parameters

The Archive Utility, BARCHIVE, is a standalone program that accepts the following parameters.

- /C: “d:\path\filename” of the BOOMS system catalog (default is /C:BSYSCAT.DBF). This parameter is the same as the “/C” parameter of “BINT63H”.
- /P: destination for print output as follows:
 

/P:LPT1	(default printer)
/P:LPTn	(other printer)
/P:CON	(print on screen)
/P:NUL	(suppress print)
- /X: file letter prefix for open catalog search (default is /X:B). This parameter is the same as the “/X” parameter of “BINT63H”. The file letter prefix refers to file location entries in “BSYSCAT”. This parameter 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” while another could refer to it as “C:\BOOMS\DATABASE\BORDERS.DBF”. The file letter prefix would allow BOOMS to access a different set of catalog entries to reference the files (e.g. /X:N could refer to catalog entries like “NORDERS”, “NSPECINT”, etc).
- /R: run type as follows (the default is /R:A):
 

/R:A	- Archive Orders to “BARCHIVE.DBF”.
/R:D	- Delete Orders only (no archiving occurs)
/R:R	- Report-only (no Archive or Delete occurs). This option gives a sequential listings of Orders in the range indicated.
- /D: duplicates action as follows (the default is /D:N):
 

/D:N	- if you attempt to add a duplicate to BARCHIVE.DBF, the Order will be bypassed.
/D:Y	- if you attempt to add a duplicate to BARCHIVE.DBF, the Order will be deleted, but not added to BARCHIVE.DBF.
- /N: non-accounted Orders action as follows (default is /N:N):
 

/N:N	- non-accounted Orders are not Archived
/N:Y	- non-accounted Orders are Archived.
- /B: beginning Order Number (e.g. /B:1001)
- /E: ending Order Number (e.g. /E:11000)

For example, if you wanted to DELETE old Orders on your system regardless of whether or not they had been Accounted, you could issue the following commands (**Note: the Btrieve Record Manager must be started before running BARCHIVE**):

```
BTRIEVE /M:64 /P:1024 /T:Q:\TBOOMS\DATABASE\BTRIEVE.TRN /E: /B:20
BARCHIVE /C:Q:\TBOOMS\DATABASE\TSYSCAT.DBF /R:D /N:Y /B:1001 /E:5000
```

The above parameters would produce the screen output shown in Figure I.1:

```

BOOMS Orders ARCHIVER (Version 7.80)
Copyright (C) 1990-1998, Lissan Computing Company, Inc

Parameters for this run:

BOOMS Catalog Name .....:Q:\TBOOMS\DATABASE\TSYSCAT.DBF
BOOMS Orders File Name .....:Q:\TBOOMS\DATABASE\BORDERS.DBF
BOOMS Extended Orders File ...:Q:\TBOOMS\DATABASE\BORDREXT.DBF
BOOMS Accounts File Name .....:Q:\TBOOMS\DATABASE\BACCOUNT.DBF
BOOMS Spec.Inst. File Name ...:Q:\TBOOMS\DATABASE\BSPECINT.DBF
BOOMS Notepad File Name .....:Q:\TBOOMS\DATABASE\BNOTEPAD.DBF
BOOMS ExchangeBals File Name .:Q:\TBOOMS\DATABASE\BEXCHANGE.DBF
BOOMS Archive File Name .....:Q:\TBOOMS\DATABASE\BARCHIVE.DBF
Destination for Print Output .:LPT1
Ignore Duplicates? .....:NO
File Prefix for Catalog Search:B
Beginning Order Number .....:1001
Ending Order Number .....:5000
Archive, Delete, Report-Only?:DELETE
Archive Non-Accounted Orders?:YES

Press "F2" to CONTINUE run; Press "F4" to END
    
```

Figure I.1. Sample "Archive Utility" Screen

Press "F2" to begin the ARCHIVE process. While the Archive is running, the status of each Order is sent to the Print Output Location (e.g. the Printer). The following message will appear on screen for every 10 records Archived ("nnnnn" values are appropriate counts):

**nnnnn Records Archived ..DeletedBytes=nnnnnnnn ..InsertedBytes=nnnnnnnn**  
**or (for a "DELETE" run)**  
**nnnnn Records Deleted ..DeletedBytes=nnnnnnnn ..InsertedBytes=0**

You can press "F4" at any time to interrupt the ARCHIVE process. Any subsequent ARCHIVE run with the same Order number range will pick up where you left off.

## Archive Utility Output

BROKER/OWNER ORDERS MANAGEMENT SYSTEM							PAGE 001
ORDER ARCHIVE							
ORDER NUMBER	ORDER DATE	MAILER CODE	BROKER CODE	LIST NUMBER	ACTION TAKEN	NOT-ARCHIVED REASON	
001001	01-01-86	ABCCO	TLC01	01000	ARCHIVED		
001002	01-01-86	ABCCO	TLC01	01000	ARCHIVED		
001003	01-01-86	ABCCO	TLC01	02000	ARCHIVED		
001004	01-01-86	ABCCO	TLC01	01000	DELETED		
001005	01-01-86	ABCCO	TLC01	15000	ARCHIVED		
001006	01-01-86	DEFCCO	TLC01	01000	ARCHIVED		
001007	01-01-86	DEFCCO	TLC01	15000	NOT-ARCHIVED	NOT FULLY ACCOUNTED	
001008	01-01-86	ABCCO	TLC01	16000	ARCHIVED		
001009	01-01-86	ABCCO	TLC01	01000	ARCHIVED		
001010	01-01-86	DEFCCO	TLC01	01000	ARCHIVED		
001011	01-01-86	DEFCCO	TLC01	02000	NOT-ARCHIVED	ORDER NOT ACCOUNTED	
001012	01-01-86	DEFCCO	TLC01	16000	ARCHIVED		
001013	01-01-86	DEFCCO	TLC01	16000	ARCHIVED		
001014	01-01-86	ABCCO	TLC01	16000	ARCHIVED		

Figure I-2. Sample Archive Printed Output

The Archive Utility produces output as shown in Figure I.2. When the "Action Taken" is "NOT-ARCHIVED", the reason can be as follows:

- ORDER NOT ACCOUNTED (it has not been invoiced)
- NOT FULLY ACCOUNTED (non-paid amounts are on A/R or A/P)