
JDEdwards®

Complementary Products Group

Electronic Burst! & Bind!

**User Guide
Version 3.1**

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1.0 Introduction

1.1 Understanding Electronic BURST! & BIND! (EBB)

Electronic BURST! & BIND! is an innovative program that eliminates much of the cost and effort normally required when manually compiling, collating and distributing reports and documents. EBB is designed to seamlessly work with J D Edwards software as well as other reports and documents created on the AS/400®*. EBB allows you to manipulate print files to aid in the separation and collation of documents and reports for transmittal to employees, customers, vendors or archival storage. Electronic BURST! & BIND! Is composed of three features: Bursting, Binding and Routing.

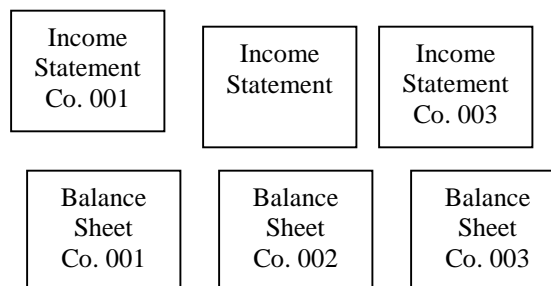
To illustrate the concepts of Bursting, Binding and Routing, consider the following example where two reports, an Income Statement and a Balance Sheet, have been run by Company number. These reports now exist as two separate pool files:

Beginning
Spool File 1

Income Statement Co. 001	Income Statement Co. 002	Income Statement Co. 003
--------------------------------	--------------------------------	--------------------------------

Balance Sheet Co. 001	Balance Sheet Co. 002	Balance Sheet Co. 003
-----------------------------	-----------------------------	-----------------------------

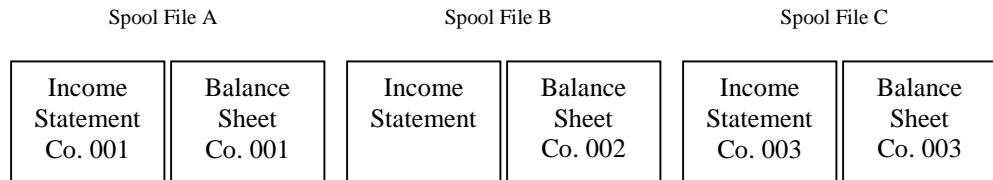
BURSTING! This feature separates a single spooled report into several spool files. You can designate the specific burst criteria. This can reduce the need to run multiple DREAM Writer reports, where several reports are run in order to separate them: The burst criteria in this example is the Company Number.



* AS/400 is a registered trademark of the International Business Machines Corporation.

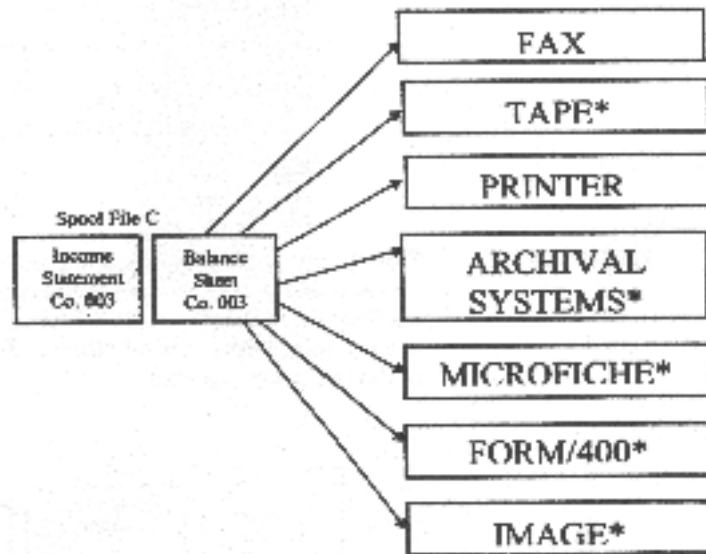
BINDING! This feature selects pages from the original reports or documents in multiple spool files. It then collates them into a designated printing order and creates new spool files in the specified outq.

In this example, the Balance Sheet and Income Statement for each Company have been bound together.



ROUTING! This feature allows for each output spool file to be automatically routed to one or more destinations. Many other functions may be performed against the output spool file.

In this example the output Balance Sheet and Income Statement for Company 003 is routed to multiple destinations.



Any of these functions may be used either singly or in conjunction with other functions to provide a full-featured document processing environment.

*Add-on feature.

1.2 User Support

Operators of EBB are expected to be experienced with J.D. Edwards software as well as the AS/400 and its operations. The instructions provided in this manual do not include those basic procedures.

If you have a problem, question or request, contact JDE Response Line.

2.0 Setup Examples

2.1 Understanding Electronic BURST! & BIND! (EBB)

This section shows you how to setup a basic EBB version. In this example, a G/L report is produced that is run by Account Category. You will separate this report into multiple reports by Account Category, and route each burst report to a different output queue. The following steps show you how to set up and run an EBB version for this application. Follow the steps below you install EBB on your machine :

► **STEP 1** (Refer to Section 3.2, "Setup an EBB Version"):

To access the Electronic BURST! & BIND! menu, enter 'EBB' at the JDE Master Directory menu. Your *Electronic* BURST! & BIND! menu appears.

EBB	J.D. Edwards & Company
	Electronic BURST ! & BIND !
... Monitor	... Reports
2. Start EBB Monitor	14. Version Information Report
3. End EBB Monitor	15. Entity/Functions Report
4. Display EBB Message Queue	
... Maintenance	... Setup
7. Maintain EBB Versions	19. EBB Setup File Maint.
8. Maintain EBB Functions	20. Clear History Log
9. Rebuild Substitute Table	
Selection or Command	
==== > _____	

► **Step 2**

Be sure the EBB monitor is not active. Select End EBB Monitor. Press ENTER. Select Display EBB Message Queue and press ENTER twice.

A message that indicates the monitor has ended is displayed. Press ENTER to return to the *Electronic* BURST! & BIND! menu.

► **Step 3**

A report should be created in output queue EBBSTART or moved to EBBSTART. The spool file should be in RDY status. This example uses the report "DEMO_RPT1", which was provided in the installation package.

► **Step 4**

If necessary, you should change the User Data Spool File Attribute to the name you will use for the EBB version ID. 'DEMO1' is the attribute name in spool file 'DEMO_RPT1'. This step is not necessary for this example.

► **Step 5** (Refer to Section 3.2, 'Setup an EBB Version'):

Create a new EBB version ID

- a. Select Maintain EBB Versions.
- b. To add a version, press F6 from the Maintain EBB Version screen.

6010	Maintain EBB Versions
Position To .. _____	
<u>O</u> <u>Version ID</u>	<u>Description</u> <u>Chg User</u> <u>Chg Date</u>
Opt:1=Select 2=Select Keys 3=Mods 5=Preload 7=Copy 9=Delete F6=Add	

- c. From the Add EBB Version ID screen, enter the EBB version ID (DEMO1). This matches the User Data Spool File Attribute you chose in Step 4 of this procedure.
- d. Specify a version description, such as 'EBB DEMO VERSION'.
- e. Note the version defaults. Change them if necessary, and press ENTER.

6011

Add EBB Version ID

EBB Version ID. . . : _____
Version Description : _____

Version Defaults:

Receiving Outq . . . : EBBFINAL
Error Outq : EBBERRQ
Function : PRINT
Want a banner . . . : Y (Y/N)
Keep a Spool file . . : Y (Y/N)

Version for select keys. : _____

F3=Exit F12=Previous F24=More Keys

► **Step 6** (Refer to Section 4, 'Selected Reports to BURST ! and BIND !')

Add the spool file report(s) to the EBB version ID

- a. You are now at the EBB Repots Selection screen. If you returned to the Maintain EBB Version screen, select the version DEMO1 by entering a 1 in the option column next to it.

6012 EBB Reports Selection

EBB Version .. DEMO1EBB DEMO VERSION

O Change Seq
P Seq Number TY Forn/Group Name/Vers Description

Opt:1=Burst Criteria 2=Sub Key 9=Delete F3=Exit F6=Add JDE F8=Add Splf

b. From the EBB Reports Selection screen, press F8 (Add Splf). The Spool File Selection Screen appears.

6015D Spool File Selection

Bind Version .. DEMO1EBB DEMO VERSION
Report
Position To

O File Name User Version File # Job Job#

Opt:1=Select 5=Display F3=Exit F12=Previous

c. Enter the output queue name in which the spool file resides (EBBSTART).
d. Select the spool file by entering 1 next to DEMO_RPT1. "Selected" will appear next to the file.

6015D Spool File Selection

Bind Version .. **DEMO1EBB DEMO VERSION**
 Report
 Position To . . . _____

<u>O</u>	<u>File Name</u>	<u>User</u>	<u>Version</u>	<u>File #</u>	<u>Job</u>	<u>Job#</u>
—	DEMO_RPT1	DEMO	DEMO1	002	EBB_RPT1	Selected
—	DEMO_RPT2	DEMO	DEMO2	002	EBB_RPT2	
—	DEMO_RPT3	DEMO	DEMO13	002	EBB_RPT3	

Opt:1=Select 5=Display F3=Exit F12=Previous

- e. Press F3 to return to the EBB Reports Selection screen. The report name DEMO_RPT1 appears in the versions report list.

6012 EBB Reports Selection

EBB Version .. DEMO1EBB DEMO VERSION

<u>O</u>	<u>Change</u>	<u>Seq</u>	<u>Seq</u>	<u>TY</u>	<u>Forn/Group</u>	<u>Name/Vers</u>	<u>Description</u>
—	—	—	001	S	DEMO_RPT1	EBB_RPT1	SPOOL

Opt:1=Burst Criteria 2=Sub Key 9=Delete F3=Exit F6=Add JDE F8=Add Splf

► **Step 7** (Refer to Section 3.3, 'Setup Burst Areas using DDS'):

Identify the area on the report which EBB will use to burst it.

- a. From the EBB Reports Selection screen, select DEMO_RPT1 by entering a 1 in the option column.

6012

EBB Reports Selection

EBB Version .. DEMO1EBB DEMO VERSION

O	Change	Seq					
<u>P</u>	<u>Seq</u>	<u>Number</u>	<u>TY</u>	<u>Forn/Group</u>	<u>Name/Vers</u>	<u>Description</u>	
-	-	001	S	DEMO_RPT1	EBB_RPT1	SPOOL	

Burst Selection Setup

1. DDS Print file
2. Spool file Example

Selection. .: _

F3=Exit

Opt:1=Burst Criteria 2=Sub Key 9=Delete F3=Exit F6=Add JDE F8=Add Splf

- The 'Burst Selection Setup' window appears. Enter 2 for the spool file example.
- From the Spool File Selection screen, enter EBSTART as the name of the output queue in which the report resides.
- Enter 1 next to DEMO_PRT1.

```

6015                               Spool File Selection          OUTQ EBBSTART

Bind Version .. DEMO1      EBB DEMO VERSION
Report . . . . .001 DEMO_RPT1   EBB SPOOL
Position To . . . _____

O  File Name      User  Version File # Job      Job#
_  DEMO_RPT1     DEMO   DEMO1   0002  EBB_RPT1

Opt:1=Select 2=ebbstart 5=Display 7=Preload Select Keys F3=Exit F12=Previous

```

- e. The first page of the report appears. Move the cursor to the space immediately before the Account Category data area 00002006, and pres F7.
- f. Move the cursor to the space immediately after the Account Category data area and press F8.

```

6014A                               Electronic BURST! & BIND!
                               Select Key Maintenance

Version.. : DEMO1 Form.. : DEMO-RPT1 Job.. : EBB_RPT1
Total Key Length.. 8                               Col. . __ Row.. __

                               EBB Enterprises, Inc.
                               General Ledger by Account

Acct   C   Profit maj   Minor Description   Ac   J/E   J
Cat    C   Center Acct   Acct
0000200 A       7 4317   401K Plan           T1   56 01/
              7 4317   401K Plan           T1   59 01/
              7 4317   401K Plan           T1   59 01/
              7 4317   401K Plan           T1   65

F3=Exit F7=Begin F8=End F9=UnMark All F10=CHG/Add F19=Left

```

- g. The burst area is defined. To verify it, Press F10. The area described on the popup window should be in row 007, column 002, and hae a length of 008.

If your screen doesn't read this way, press F9 (clears or unmarks the burst area). Repeat e through g in this step.

6014A	Electronic BURST! & BIND!																																																					
	Select Key Maintenance																																																					
Version.. : DEMO1 Form.. : DEMO-RPT1 Job.. : EBB_RPT1																																																						
Total Key Length.. 8			Col. . __ Row.. __																																																			
<table border="1"> <tr> <td>6014S</td> <td>EBB Reports Selection</td> <td colspan="3">EBB Enterprises, Inc.</td> </tr> <tr> <td></td> <td>UPDATE</td> <td colspan="3">al Ledger by Account</td> </tr> <tr> <td>Acct</td> <td>Version ID</td> <td>DEMO1</td> <td>Description</td> <td>Ac J/E</td> </tr> <tr> <td>J</td> <td>Job ID</td> <td>DEMO-RPT1</td> <td></td> <td></td> </tr> <tr> <td></td> <td>Sequence Number</td> <td>001</td> <td></td> <td>Cd</td> </tr> <tr> <td>0000</td> <td>Row</td> <td><u>007</u></td> <td>an</td> <td>T1 56 01/</td> </tr> <tr> <td></td> <td>Column</td> <td><u>002</u></td> <td>an</td> <td>T1 59 01/</td> </tr> <tr> <td></td> <td>Length</td> <td><u>008</u></td> <td>an</td> <td>T1 59 01/</td> </tr> <tr> <td></td> <td></td> <td></td> <td>an</td> <td>T1 65 02</td> </tr> <tr> <td colspan="5">F3-Exit F9-Unmark ENTER-Add/Update</td> </tr> </table>			6014S	EBB Reports Selection	EBB Enterprises, Inc.				UPDATE	al Ledger by Account			Acct	Version ID	DEMO1	Description	Ac J/E	J	Job ID	DEMO-RPT1				Sequence Number	001		Cd	0000	Row	<u>007</u>	an	T1 56 01/		Column	<u>002</u>	an	T1 59 01/		Length	<u>008</u>	an	T1 59 01/				an	T1 65 02	F3-Exit F9-Unmark ENTER-Add/Update						
6014S	EBB Reports Selection	EBB Enterprises, Inc.																																																				
	UPDATE	al Ledger by Account																																																				
Acct	Version ID	DEMO1	Description	Ac J/E																																																		
J	Job ID	DEMO-RPT1																																																				
	Sequence Number	001		Cd																																																		
0000	Row	<u>007</u>	an	T1 56 01/																																																		
	Column	<u>002</u>	an	T1 59 01/																																																		
	Length	<u>008</u>	an	T1 59 01/																																																		
			an	T1 65 02																																																		
F3-Exit F9-Unmark ENTER-Add/Update																																																						
F3=Exit F7=Begin F8=End F9=UnMark All F10=CHG/Add F19=Left																																																						

h. Press F3 twice to return to the Spool File Selection Screen.

► **STEP 8** (Refer to Section 6.2, "Preload Select Keys"):

Preload the data contained in the burst area selected in Step 7 of this procedure. This will create select keys for the EBB version.

- If at the Spool File Selection screen, skip to e. If you returned to the maintain EBB Versions screen, select the version DEMO1 by entering a 1 in the option column.
- Enter 1 next to DEMO_RPT1 on the EBB Reports Selection screen.
- Enter 2 in the 'Burst Selection Setup' window for the spool file example.
- Enter EBBSTART as the output queue name.
- Enter 7 next to DEMO_RPT1 to preload the select keys.


```

6015                               Spool File Selection          OUTQ EBBSTART

Bind Version .. DEMO1      EBB DEMO VERSION
Report . . . . .001 DEMO_RPT1   EBB SPOOL
Position To . . . _____

O  File Name      User  Version  File #  Job      Job#
7  DEMO_RPT1  DEMO   DEMO1   0002   EBB_RPT1

Opt:1=Select 2=ebbstart 5=Display 7=Preload Select Keys F3=Exit F12=Previous

```

- f. When the job completes, the following message appears.
Pre Load Select keys Has Completed, And Found nnn New Select Keys
Press F3 until you return to the *Electronic BURST! & BIND!* Menu.

► **STEP 9** (Refer to Section 7.2.1, 'Create a Routing Function'):

Create a new routing function named PRINT2. The initial PRINT function will be modified in this example.

- a. From the Electronic BURST! & BIND! Menu, select maintain EBB Functions. The list of available routing functions appears on the maintain EBB Functions screen.

```

6025                               Maintain EBB Versions

Position To .. _____

O   Function
P   Name      Description
_   COPYF     Copy Spool File
    _____

Option: 1=Select to Maintain F6=Create New Function F24=More
Keys

```

- b. From the Maintain EBB Functions screen, enter 1 next to the PRINT function so you can modify it. The EBB Maintain Function Desc. Screen appears with PRINT function parameters filled in.

6024	EBB – Maintain Function Desc.	
Action Code . . . _		
Function Name. <u>PRINT</u> _____ Description <u>Change OutQ and Copies</u>		
<u>for Print</u> OVRPRTF OUTQ(&) COPIES(&)		

Default Parm 1 EBBFINAL: OUTQ Name		
“	2 1	Number of Copies
“	3 _____	_____
“	4 _____	_____
“	5 _____	_____
“	6 _____	_____
“	7 _____	_____
“	8 _____	_____
“	9 _____	_____
“	10 _____	_____
F3=Exit		

- c. Enter A in the Action Code field, and PRINT2 in the Function Name field.

6024 EBB – Maintain Function Desc.

Action Code . . . A

Function Name. PRINT Description Change OutQ and Copies
for Print

OVRPRTF OUTQ(&) COPIES(&)

Default Parm 1 EBBFINAL: OUTQ Name

“	2	1						Number of Copies
“	3	_____	_____	_____	_____	_____	_____	
“	4	_____	_____	_____	_____	_____	_____	
“	5	_____	_____	_____	_____	_____	_____	
“	6	_____	_____	_____	_____	_____	_____	
“	7	_____	_____	_____	_____	_____	_____	
“	8	_____	_____	_____	_____	_____	_____	
“	9	_____	_____	_____	_____	_____	_____	
“	10	_____	_____	_____	_____	_____	_____	

F3=Exit

d. The Maintain EBB Functions screen is displayed. Press F3. Notice that PRINT2 is now in the function list on the Maintain EBB Functions screen

6025 Maintain EBB Versions

Position To .. _____

O	Function	Name	Description
P	COPYF		Copy Spool File
–	DUPLEX		Change Spool File to yes for duplex
–	FORM		Change Spool File Form Enter
<hr/>			
–	FORMTYPE		Change Spool File Form Enter by Entity
–	FORM400		Change Spool File Form Enter to FORM400
–	HOLDFILE		Hold Spool File
–	PRINT		Change OUTQ and Copies for Print
–	PRINT1		Change OUTQ and Copies for Print
–	PRINT2		Change OUTQ and Copies for Print
–	PRTSAV		Save Spool File

Option: 1=Select to Maintain F6=Create New Function F24=More

e. Press F3 to return to the Electronic BURST! & BIND! Menu.

► **STEP 10** (Refer to Section 7, 'Assign Routing Functions'):

Determine where each select key will be routed. Add routing functions as needed.

- a. From the Electronic BURST! & BIND! Menu, select maintain EBB Versions.
- b. From the Maintain EBB Versions screen, enter 2 next to DEMO1 in the option column. The EBB Reports Selection screen appears. The select keys that have been loaded for the report will be displayed on the Select Key Maintenance screen.

6020	Select key Maintenance
Version	DEMO1
Position to .	_____
<u>O S</u>	<u>Select Key</u>
-	00002006
-	00002022
-	00002049
-	00002129
-	00003010
-	00001347
-	00001901
-	00002065
-	00002073
-	00002081
-	00002090
Opt: 1=Select 5=Address 7=Global 9=Delete F3=Exit F6=Add Keys F12=Previous	

- c. Select the first key by entering 1 in the option column. The Entity/Function Maintenance screen appears.

```

6021                Entity/Function Maintenance

Version .. DEMO1 Entity Key .. 0000002825
Select Key .. 00002006
Position To .. _____

O Function Seq# Parm 1 Parm 2 Parm 3 Parm 4 Parm 5

Opt: 2=Edit Parm 9=Delete          F3=Exit F6=Add Function

```

- d. Press F6 (Add Function). The Entity/Function Parm Maint screen appears and displays information for the PRINT function.

```

6027                Entity/Function Parm Maint

Version .... DEMO1 Entity ... 00002825 Sequences ... 001
Select Key .. 00002006
Function ..... Print
Print Banner Page . Y Y/N
Entity/Routing ID . 00002006
Parm 1 ..... EBBFINAL _____ OUTQ Name
Parm 2 ..... 1 _____ Number of
Copies
Parm 3 ..... _____
Parm 4 ..... _____
Parm 5 ..... _____
Parm 6 ..... _____
Parm 7 ..... _____
Parm 8 ..... _____
Parm 9 ..... _____
Parm 10..... _____

F3=Exit F4=Functions

```

- e. Press Enter, then press F3 twice to return to the Select Key Maintenance screen. Notice an '*' appears next to the select key, which means a routing function is attached to the select key.

```
6020                               Select key Maintenance

Version . . . . DEMO1
Position to . _____

O S   Select Key
-  *   00002006
-      00002022
-      00002049
-      00002129
-      00003010
-      00001347
-      00001901
-      00002065
-      00002073
-      00002081
-      00002090

Opt: 1=Select 5=Address 7=Global 9=Delete F3=Exit F6=Add Keys
```

- f. Enter 1 next to the same select key. The Entity/Function Maintenance screen appears.
- g. Press F6 (Add a Function). The Entity/Function Parm's Maint screen appears with no information.

```

6027                               Entity/Function Parm Maint
Version . . . DEMO1   Entity . . . 00002825   Sequences . . . 001
Select Key . . 00002006
Function . . . . . _____
Print Banner Page . __ Y/N
Entity/Rounting ID . _____
Parm 1 . . . . . _____
Parm 2 . . . . . _____
Parm 3 . . . . . _____
Parm 4 . . . . . _____
Parm 5 . . . . . _____
Parm 6 . . . . . _____
Parm 7 . . . . . _____
Parm 8 . . . . . _____
Parm 9 . . . . . _____
Parm 10 . . . . . _____

F3=Exit  F4=Functions

```

- h. Press F4 to display the additional routing functions that are available. The Function Selection screen appears

```

6033                               Function Selection
Position To .. _____

O
P   Function      Description
-   COPYF        Copy Spool File
-   DUPLEX       Change Spool File to yes for duplex
-   FORM         Change Spool File Form Enter
-   FORMTYPE     Change Spool File Form Enter by Entity
-   FORM400      Change Spool File Form Enter to FORM400
-   HOLDFILE     Hold Spool File
-   PRINT        Change OUTQ and Copies for Print
-   PRINT1       Change OUTQ and Copies for Print
-   PRINT2       Change OUTQ and Copies for Print
-   PRTSAV       Save Spool File

F3= Exit  4=Return with Function

```

- i. Enter 4 next to the PRINT2 function, then press F3. The Entity/Function Parms Maint screen appears.
- j. Change the output queue to EBBSTART. Press ENTER, then press F3.

```

6027                      Entity/Function Parms Maint
Version . . . . DEMO1      Entity . . . 00002825    Sequences . . . 001
Select Key . . 00002006
Function . . . . . PRINT2
Print Banner Page . Y Y/N
Entity/Rounting ID . 00002006
Parm 1 . . . . . EBBSTART OUTQ Name
Parm 2 . . . . . 1 Number of Copies
Parm 3 . . . . . _____
Parm 4 . . . . . _____
Parm 5 . . . . . _____
Parm 6 . . . . . _____
Parm 7 . . . . . _____
Parm 8 . . . . . _____
Parm 9 . . . . . _____
Parm 10. . . . . _____

F3=Exit  F4=Functions

```

- k. The routing functions PRINT and PRINT2 are now displayed on the Entity/Function Maintenance screen. Press F3 to return to the Select Key Maintenance screen.

6021	Entity/Function Maintenance					
Version . . DEMO1 Entity Key . . 0000002825						
Select Key . . 00002006						
Position To . . _____						
<u>O</u>	<u>Function</u>	<u>Seq#</u>	<u>Parm 1</u>	<u>Parm 2</u>	<u>Parm 3</u>	<u>Parm 4</u> <u>Parm 5</u>
__	PRINT	001	1			
__	PRINT2	002	1			
Opt: 2=Edit Parm 9=Delete			F3=Exit F6=Add Function			

- l. Follow steps c through k of this procedure to add a new routing function to the second select key.
- m. Return to the *Electronic BURST! & BIND!* menu by pressing F3

► **STEP 11** (Refer to Section 8-2, "Start the Monitor"):

Start the monitor. Select Start EBB Monitor on the Electronic BURST! & BIND! menu.

► **STEP 12**

Check messages (select Display EBB Message Queue from the Electronic BURST! & BIND! menu) periodically as the monitor processes the report as well as the active jobs. A displays if problems arise while the monitor processes the reports. Because you used EBBSTART as the output queue for one of the burst reports, the monitor will attempt to process the report. No EBB version exists for the report, and the following message is generated.

No EBB Version found for spool file with userdata: P6004

You can disregard this message.

► **STEP 13** (Refer to Section 8.2, "Move Spool Files to EBBSTART"):

Check the EBBFINAL output queue for the burst, original, and process report (R6004). View the process report (R6004) which will tell you what spool files were created for the select keys, their spool file ids and output queues. It also tells you how many reports it created in the default queue (EBBFINAL), the error queue (EBBERRQ), and other (EBBSTABT) output queues.

A separate report will exist for each select key as well as the other two select keys for the additional routing functions you added. Print or view the reports in

EBBFINAL and EBBSTART to see how they were burst and how the banner pages were created. Check any reports that can have been created in EBBERRQ.

When EBB has finished processing, stop the monitor. When the reports are available in EBBFINAL, the EBB job has finished- You can check the active jobs as well. When the monitor has returned to a delay status, EBB has finished processing.

6004

ELECTRONIC BURST & BIND
EBB - Process Report

Page: 1
Date: 2/15/94

Version Name DEMO1
Version Description EBB TEST VERSION

SPool FILE

ENTER* SELECT KEY	.....	OUTQ LIBRARY	NAME NO.	DATE TIME	USER
P	00002006	EBBFINAL	EBBDTAJ30	EBB0062226 0002	021594 103148
	EBBUSER				
P	00002006	EBBSTART	EBBDTAJ30	EBB0062228 0003	021594 103160
	EBBUSER				
D	00002022	EBBFINAL	EBBDTAJ30	EBB0062227 0004	021594
	103161	EBBUSER			
D	00002049	EBBFINAL	EBBDTAJ30	EBB0062229 0005	021594
	103162	EBBUSER			
D	00002129	EBBFINAL	EBBDTAJ30	EBB0062229 0006	021594
	103163	EBBUSER			
D	00006010	EBBFINAL	EBBDTAJ30	EBB0062230 0007	021594
	103154	EBBUSER			

ROUTING OUTPUT QUEUES

Routed other than to Default.....:	0	
Routed to Default Outq.....:	10	
Routed to Error Outq.....:	0	*P=Parms attached, D=Default.

2.2 Advanced Setup Example

This section shows you how to set up a more advanced EBB version. In this example, two reports are created monthly that should be burst and bound by manager- The Annual Revenue by Manager Report will be combined with the Profit Analysis by Region Report. The second report does not display the manager field. However, because each region reports to a specific manager, a cross reference between the region and the manager codes can be built- EBB can then burst both reports by manager and bind them to be routed properly:

▶ **STEP 1** (Refer to Section 3.2, "Setup an EBB Version"):

To access the Electronic BURST! & BIND! menu, enter 'EBB' at the JDE Master Directory menu.

▶ **STEP 2**

Be sure the EBB monitor is not active. Select End EBB Monitor from the Electronic BURST! & BIND! Menu.

▶ **STEP 3**

The reports should be created in the output queue EBBSTART or moved to EBBSTART. The spool files should be in RDY status. This example uses the reports 'DEMO_RPT2' and 'DEMO_RPTS', which are provided in the installation package.

▶ **STEP 4**

You should change the User Data Spool File Attribute to the name you will use for the EBB version ID. 'DEM02' is the attribute name in spool files 'DEMO_RPT21 and 'DEMO_RPT3'.

▶ **STEP 5**

Create a new EBB version ID

- a. Select Maintain EBB Versions.
- b. To add a version, press F6 from the Maintain EBB Version screen.
- c. From the Add EBB Version ID screen, enter the EBB version ID (DEM02). This matches the User Data Spool File Attribute from Step 4 in this procedure.
- d. Specify a version description, such as 'EBB DEMO VERSION 2'. Press ENTER

▶ **STEP 6** (Refer to Section 4. "Selected Reports to BURST! and BIND!"):

Add the spool file reports to the EBB version ID.

- a. You are now at the EBB Reports Selection screen. Press F8 (Add Splf). The Spool File Selection screen appears.
- b. Enter the output queue name in which the spool file resides (EBBSTART).
- c. Select the spool file by entering 1 next to 'DEMO_RPT2' and 'DEMO_RPT3'. "Selected" will appear next to the files.

6015D	Spool File Selection	OUT <u>EBBSTART</u>
Bind Version . . DEMO1EBB TEST VERSION		
Report		
Postion To . . . _____		
<u>O</u>	<u>File Name</u>	<u>User</u>
<u>Version</u>	<u>File #</u>	<u>Job</u>
<u>Job#</u>		
_	DEMO RPT1	DEMO DEMO1
_	DEMO RPT2	DEMO DEMO2
_	DEMO RPT3	DEMO DEMO3
	0002	EBB_ RPT1
	0002	EBB_ RPT2
	0002	EBB_ RPT3
		Selected
		Selected
Opt: 1= Select 5=Display		
F3=Exit F12=Previous		

- d. Press F3 to return to the EBB Reports Selection screen. The report names 'DEMO_RPT2' and *DEMO_RPT3' appear in the versions report list.

► **STEP 7** (Refer to Section 5.3, "Setup Burst Areas using DDS"):

Identify the areas on the reports which EBB will use to burst them.

- a. From the EBB Reports Selection screen, select DEMOJRPT2 by entering 1 in the option column.
- b. The Burst Selection Setup window appears. Enter 2 for the spool file example.
- c. On the Spool File Selection screen, enter EBBSTART as the name of the output queue in which the report resides.
- d. Enter 1 next to DEMO.RPT2.
- e. The first page of the report appears. Move the cursor to the space immediately before the Manager data area (JOE), and press F7.

6014A

Electronic Burst & Bind

Select Key Maintenance

Version.: DEM02 Form.: DEMO_RPT2 Job-.: EBB_EPT2
Col. __ Row. __

Total Key Length..

EBB Enterprises. Inc.
Annual Revenue by Manager

<u>Mgr</u>	<u>Manager Name</u>	<u>Employee Number</u>	<u>Employee Name</u>
JOE	Joe Manager	2057	Carlos D'Angelo
JOE	Joe Manager	8100	James Smith
JOE	Joe Manager	6003	Jeffery Cartwright

Total for Manager.....Sum 104,325

F3=Exit F7=Begin F8=End F9=UnMark ALL F10=CHG/Add F19=Left F20=Right

- f. Move the cursor to the space immediately after the Manager data area, and press F8.
- g. The burst area is defined- To verify it, press F10. The area described on the popup window should be in row 006, column 002, and have a length of 003. Press F3.
- h. Press F3 until you return to the EBB Reports Selection screen.

Set up the burst area on the second report

- i. From the EBB Reports Selection screen, select DEMO_EPT3 by entering 1 in the option column.
- j. The 'Burst Selection Setup' window appears. Enter 2 for the spool file example.
- k. On the Spool File Selection screen, enter EBBSTART as the name of the output queue in which the report resides.
- l. Enter 1 next to DEMO_RPT3.
- m. The first page of the report appears. Move the cursor to the space immediately before the Region data area (C) and press F7.
- n. Move the cursor to the space immediately after the Region data area (allow for the field to be 3 digits long), and press F8.

6014A

Electronic Burst & Bind

Select Key Maintenance

Version...: DEM02 Form...: DEMO_RPT3 Job...: EBB_RPT3
Col... Row..._

Total Key Length..

EBB Enterprises, Inc.
Profit Analysis by Region

Rgn	Region Name	Profit Center		Major Profit CtrDesc
C	Central Region	3		Denver Sales &
	Distribution	8320		
C	Central Region	3		Denver Sales &
	Distribution	6110		
C	Central Region	3	6120	Denver Sales &
	Distribution			
C	Central Region	3		Denver Sales &
	Distribution	5010		

P3=Exit F7=Begin F8=End F9=UnMark AllF10=CHG/Add F19=Left

- o. The burst area is defined. To verify it, press F10. The area described on the popup window should be in row 006, column 004, and have a length of 003. Press F3.
- p. Press F3 until you return to the Maintain EBB Versions screen.

► **STEP 8** (Refer to Section 6.2, "Preload Select keys"):

Preload the data contained in the burst area selected in step 7 of this procedure. This will create select keys for the EBB Version. To save time, the alternate method will be used.

- a. From the Maintain EBB Versions screen, select version DEMOS, but enter 5 in the option column. The Spool File Selection screen appears.
- b. Enter the output queue in which the spool files reside (EBBSTART).
- c. Notice that both reports are presented on the Spool File Selection screen. Enter 7 next to DEMO_RPT2 only to preload the select keys. Do not preload select keys on DEMO_RPT3 because it will use a substitute select key.

6015

Spool File Selection

OUTQ EBBSTART

EBB Version.. DEM02 EBB DEMO VERSION 2

Report

Position To ... _____

<u>O</u>	<u>File Name</u>	<u>User</u>	<u>Version</u>	<u>File #</u>	<u>Job</u>	<u>Job#</u>
7	DEMO_RPT2	DEMO	DEM02	0002	EBB_RPT2	
_	DEMO_RPT3	DEMO	DEM02	0003	EBB_RPT3	

Opt: 1=Select 2=EBBSTART 5=Display 7=PreLoad Select Keys F3=Exit F12=Previous

When this has completed, the following message will appear.

Pre Load Select Keys Has Completed, And Found 003 New Select Keys.

d. Press F3 until you return to the *Electronic BURST! & BIND!* menu.

► **STEP 9**

Set up a substitute select key cross reference in DREAM Writer. The file F6008 included in the installation package contains the cross reference table DEMO for use in this example.

► **STEP 10**

Set up substitute select keys.

- From die *Electronic BURST! & BIND!* menu, enter 7 (Maintain EBB Versions).
- From the Maintain EBB Versions screen, select the version ID by using option 1. The EBB Reports Selection screen appears.
- Enter 2 in the option next to DEMO-RPT3 to enter the substitute select key instructions. The substitute select key is set up on this report because the report does not display the Manager but should burst on it. The region is the data selected on the report and is the original select key in the cross reference.
- The Substitute Key Maintenance window appears.

6012	EBB Reports Selection	
EBB Version- DEM02 EBB DEMO VERSION 2		
O	Change	Seq
P	<u>Seq</u>	N
-	_____	0
-	_____	0

601121	Substitute Key Maintenance
Rule Sequence Number: 003	
Rebuild Cross Reference: _	
Table Number: _____	
Print Substitute Key?: _	
Literal to Print: _____ Print Row: __ Print	
Position: _____ Print Length: __	
F3=Exit Enter=Update	

Enter information as follows:

- Table Number - DEMO
- Print Substitute Key? enter 'N'
- Literal to Print - leave blank
- Print Row - leave blank
- Print Position - leave blank
- Print Length - leave blank

Press ENTER. The EBB Reports Selection screen appears- The substitute key has been set up. To see the indicator on the screen, continue to e.

- e. Press F3 to return to the Maintain EBB Versions screen.
- f. From the EBB Reports Selection screen, select version DEM02 by using option 1.
- g. Notice *SK* at the far right of DEMOJIPT3, which indicates a substitute key exists.

6012

EBB Reports Selection

EBB Version- DEM01EBB TEST VERSION

0	Change	Seq				
<u>P</u>	<u>Seq</u>	<u>Number</u>	<u>TY</u>	<u>Form/Group</u>	<u>Name/Vers</u>	<u>Description</u>
-	---	002	S	DEMO_RPT2	EBB_RPT2__	SPOOL
-	---	002	S	DEMO_RPT3	EBB_RPT3__	SPOOL SK

Opt: 1=Burst Criteria 2=Sub Key 9=Delete F3=Exit F6=Add JDE F8=Add Splf

h. Press F3 until you return to the *Electronic* BURST! & BIND! menu.

► **STEP 11** (Refer to Section 7.2.1, "Create a Routing Function"):

Create a new routing function. The new function xxx will be created in this example.

- a. From the *Electronic* BURST! & BIND! Menu, select Maintain EBB Functions. The list of available routing functions appears on the Maintain EBB Functions screen.

6025

Maintain EBB Functions

Position To . . . _____

0	Function	
<u>P</u>	<u>Name</u>	<u>Description</u>
-	COPYF	Copy Spool File
-	DUPLEX	Change Spool File to yes for duplex
-	FORM	Change Spool File Form Enter to 'CMS'
-	FORMTYPE	Change Spool File Form Enter by Entity
-	FORM400	Change Spool File Form Enter to FORM400
-	HOLDFILE	Hold Spool File
-	PRINT	Change OUTQ and Copies for Print
-	PRINT1	Change OUTQ and Copies for Print
-	PRINT2	Change OUTQ and Copies for Print
-	PRTSAV	Save Spool File

Option: 1=Select to Maintain F6=Create New Function F24=More Keys

- b. From the Maintain EBB Functions screen, press F6. The EBB-Maintain Function Desc. Screen appears with blank parameters.

6024

EBB - Maintain Function Desc.

Action Code . . . _

Function Name . _____ Description _____

Command String – Enter in the space provided without unnecessary spaces

Default Parm 1 _____

“	2	_____	_____
“	3	_____	_____
“	4	_____	_____
“	5	_____	_____
“	6	_____	_____
“	7	_____	_____
“	8	_____	_____

F3=Exit

- c. Enter ‘A’ in the Action Code, and xxx in the Function Name field. Enter a description of the routing function.
In the Command String area, enter
`cgsp1fa file (&) job(&/&/&) splnbr(&) formtype(xxx)`
`formtype(xxx)` should be the default parameters. Press ENTER.
- d. Press F3. Notice that xxx is now in the function list on the Maintain EBB Functions screen.

6025	Maintain EBB Functions	
Position To. . . _____		
0	Function	
<u>P</u>	<u>Name</u>	<u>Description</u>
-	COPYF	Copy Spool File
-	DUPLEX	Change Spool File to yes for duplex
-	FORM	Change Spool File Form Enter to 'CMS'
-	FORMTYPE	Change Spool File Form Enter by Entity
-	FORM400	Change Spool File Form Enter to FORM400
-	HOLDFILE	Hold Spool File
-	PRINT	Change OUTQ and Copies for Print
-	PRINT1	Change OUTQ and Copies for Print
-	PRINT2	Change OUTQ and Copies for Print
-	PRTSAV	Save Spool File
-	xxx	New Function Name
Option: I=Select to Maintain F6=Create New Function F24=More Keys		

e. Press F3 to return to the Electronic BURST! & BIND! Menu.

► **STEP 12** (Refer to Section 7, "Assign Routing Functions"):

Determine where each select key will be routed. Add routing functions as needed.

- a. From the *Electronic BURST! & BIND!* Menu, select Maintain EBB Versions.
- b. From the Maintain EBB Versions screen, enter 2 next to DEMO2 in the option column. The EBB Reports Selection screen appears. The select keys that have been loaded for the report will be displayed on the Select Key Maintenance screen.

6020	Select Key Maintenance	
Version . . . DEMO1		
Position To. . . _____		
<u>0</u>	<u>S</u>	Select Key
-		
-		JOE
-		SUE
-		TED
Opt: I=Select 5=Address 7=Global 9=Delete F3=Exit F6=Add Keys F12=Previous		

- c. Select the first key by entering 1 in the option column. The Entity/Function Maintenance screen appears.

```

6021                                     Entity/Function Maintenance

Version . . . DEMO2 Entity Key . . 0000002794
Select Key . . JOE
Position To . . _____
0 Function   Seq#  Parm 1  Parm 2  Parm 3  Parm 4  Parm 5

Opt: 2=Edit Parms  9=Delete              F3=Exit  F6=Add Function

```

- d. Press F6 (Additional Function). The Entity/Function Parms Maint screen appears and displays information for the PRINT function.

```

6027                                     Entity/Function Parms Maint

Version . . . DEMO2 Entity Key . . 0000002794      Sequence . . . 001
Select Key . . JOE
Function . . . . . PRINT
Print Banner Page . . Y Y/N
Entity/Routing ID . 00002006

Parm 1 . . . . . EBBFINAL _____ OUTQ Name
Parm 2 . . . . . 1 _____ Number of Copies
Parm 3 . . . . . _____
Parm 4 . . . . . _____
Parm 5 . . . . . _____
Parm 6 . . . . . _____
Parm 7 . . . . . _____
Parm 8 . . . . . _____
Parm 9 . . . . . _____
Parm 10 . . . . . _____

F3=Exit  F4=Functions

```

- e. Press ENTER, then press F3 twice to return to the Select Key Maintenance screen. Notice an "*" appears next to the select key, which means a routing function is attached to the select key

- f. Enter 1 next to the same select key. The Entity/Function Maintenance screen appears.
- g. Press F6 (Add a Function). The Entity/Function Parms Maint screen appears with no information.
- h. Press F4 to display the additional routing functions available. The Function Selection screen appears.
- i. Enter 4 next to the xxx function.
- j. Press ENTER, then F3.

```

6021                                     Entity/Function Maintenance

Version . . . DEMO2 Entity Key . . 0000002794
Select Key . . JOE
Position To . . _____

0 Function  Seq#  Parm 1  Parm 2  Parm 3  Parm 4  Parm 5
- PRINT      001  EBBFINAL 1
- xxx        002

Opt: 2=Edit Parms 9=Delete F3=Exit F6=Add Function

```

- k. The routing functions PRINT and xxx are now displayed on the Entity/Function Maintenance screen. Press F3 to return to the Select Key Maintenance screen.

```

6020                                     Select Key Maintenance

Version . . . DEMO1
Position To . . _____

0 S Select Key
- * JOE
- SUE
- TED

Opt: 1=Select 5=Address 7=Global 9=Delete F3=Exit F6=Add Keys
F12=Previous

```

1. Return to the *Electronic BURST! & BIND!* menu by pressing F3.

▶ **STEP 13** (Refer to Section 8.3. "Start the Monitor"):

Start the monitor. Select Start EBB Monitor on the *Electronic BURST! & BIND!* menu.

▶ **STEP 14**

Check messages (select Display EBB Message Queue from the Electronic BURST! & BIND! menu) periodically as the monitor processes the report as well as the active job (EBBJOB). A message displays as problems arise while the monitor processes the reports. Because you used EBBSTART as the output queue for one of the burst reports, the monitor will attempt to process the report. No EBB version exists for the report, and the following message will be generated.

No EBB Version for P6004 is Found

You can disregard this message.

▶ **STEP 15** (Refer to Section 8.2, "Move Spool Files to EBBSTART):

Check the EBBFINAL output queue for the burst, original, and process reports. View the process report (R6004), which tells you what spool files were created for the select keys, their spool file IDs, and output queues. It also tells you how many reports it created in the default queue (EBBFINAL), error queue (EBBERRQ), and other (EBBSTART) output queues.

A separate report will exist for each select key as well as for the additional routing functions you added- Print or view the reports in EBBFINAL and EBBSTART to see how they were burst and how the banner pages were created. Check reports that can have been created in EBBERRQ.

When the reports are available, stop the monitor. From the *Electronic BURST! & BIND!* Menu, select End EBB Monitor.

8204

ELECTRONIC BURST & BIND
EBB - Process Report

Page: 1
Date: 2/15/94

Version Name DEMO1
Version Description EBB TEST VERSION

ENTER* SELECT KEY	.....	.....	.....	.....	.....	.....	.....	.....	.....
	NAME	NO.	DATE	TIME	USER				
P	0002006	EBBDTA	EBB006225	0002	021694	103148			
	EBBUSER								
P	0002006	EBBDTA	EBB006226	0003	021694	103160			
D	0002002	EBBDTA	EBB006227	0004	021594	103151			
	EBBUSER								
D	0002048	EBBDTA	EBB006228	0005	021694	103162			
	EBBUSER								
D	0002129	EBBDTA	EBB006229	0006	021694	103153			
	EBBUSER								

ROUTING OUTPUT QUEUES

Routed other than to Default 0
 Routed to Default Outq 10
 Routed to Error Outq 0

*P=Pages attached, D=Default, E=Error

3.0 Electronic BURST! & BIND! Versions

3.1 About EBB Versions

An EBB version is a collection of instructions related to bursting and binding one or more reports by using set burst and routing requirements. Different reports, burst criteria, and routing requirements require using additional EBB versions. No limit exists on the number of EBB versions you can set up. Also, several facilities exist to reduce the maintenance needed for these versions.

3.2 Set Up an EBB Version

You must set up an EBB version before reporting or burst criteria instructions can be collected.

► STEP 1

From the Electronic BURST! & BIND! menu, select Maintain EBB Versions- If this is your initial setup, no versions should be displayed. The sample screen shows the two demo versions. (These can be deleted whenever you want.)

6010	Maintain EBB Versions		
Position To .. _____			
<u>O</u>	<u>Version ID</u>	<u>Description</u>	<u>Chg User</u> <u>Chg Date</u>
_	DEMO1	EBB EEMO VERSION	DEMO02/15/95
_	DEMO2	EBB EEMO VERSION 2	DEMO02/15/95
Opt:1=Select 2=Select Keys 3=Mods 5=Preload 7=Copy 9=Delete F6=Add			

► STEP 2

To add a new version, press F6

6011	Add EBB Version ID
EBB Version ID: _____ Version Description. . . : _____	
Version Defaults: Receiving Outq . . . : <u>EBBFINAL</u> Error Outq : <u>EBBERQ</u> Function : <u>PRINT</u> Want a banner: <u>Y</u> (Y/N) Keep Spool file: <u>Y</u> (Y/N)	
Version for select keys . . . : _____	
F3=Exit F12=Previous F24=More Keys	

► **STEP 3**

You must enter all field values on the Add EBB Version ID screen or accept the defaults. However, you can press F3 or F12 to return to the previous screen without adding a version ID. The following fields are explained below.

EBB Version ID

A unique name up to ten characters (no blanks).

Version Description

A description for your version up to 30 characters.

Receiving Outq

The output queue is where the burst and/or bound spool files are sent if no other output queue is specified. This output queue will be the default for this version. JDE recommends you do not enter « EBBSTART » because the monitor looks for spool files to be burst in this output queue.

Error Outq

Enter the output queue name for the Error Output Queue, if you want to change the default, EBBERQ. The Error Output Queue is where spool files are placed if the select key is not found or if the functions are set up incorrectly. You can then choose to move the file from the Error output queue to another output queue. You should check the EBBERRQ output queue each time the monitor runs to see what reports need to be distributed.

Function

The PRINT function is the default routing function. It must always be the first function for a select key. This field cannot be modified by the user. NOTE : The PRINT function can be used to override the default receiving output

queue for an individual select key. (for information about routing functions, see the Reference Manual, Section 8.

Want a banner

Specify N if you do not want a banner page to print. The default entered here on the version ID will be overridden for individual select keys later. (Please see Section 8 of the Reference Manual – Specify Parameters.) The default is Y.

Keep Spool file

Specify whether the monitor should keep the original spool file enteries (the unburst reports) or to delete them after bursting. JDE recommends you set this response to ‘Y’ initially.

Version for select keys

The version ID that is being used as the model for a new version. If a model version is not used, this field can be left blank. It will default to the version ID being set up.

6011	Add EBB Version ID
EBB Version ID:	<u>DEMO1</u>
Version Description. . .:	<u>EBB DEMO VERSION</u>
Version Defaults:	
Receiving Outq:	<u>EBBFINAL</u>
Error Outq:	<u>EBBERRO</u>
Function:	<u>PRINT</u>
Want a banner:	<u>Y</u> (Y/N)
Keep Spool file . . .:	<u>Y</u> (Y/N)
Version for select keys . . .:	_____
F3=Exit	F12=Previous F24=More Keys

After you press ENTER, the process selects reports to burst and bind (see Section 4.0, "Selected Reports to BURST! & BIND!" in this publication).

3.3 Maintain EBB Versions

After you set up a verison, it appears in the versions list on the Maintain EBB Versions screen. You can perform various options against the version ID definition. The options are discussed in later sections of this publication.

3.3.1 Delete a Versions

If you have set up a version in error or it is no longer in use, you can delete it. Be sure that if you delete a model version, no duplicates exist that use it.

▶ **STEP 1**

From the *Electronic* BURST ! & BIND ! menu, select Maintain EBB Versions.

▶ **STEP 2**

From the Maintain EBB Versions screen. Select the version by using option 1, and you want to delete it. Press F3 to return to the Maintain EBB Versions screen.

▶ **STEP 3**

Enter 9 in the option column next to the version you want to delete. The Maintain EBB Versions screen is refreshed and no longer displays the deleted version.

3.3.2 Change the defaults

The receiving output queue, banner page, and keep spool file parameters can be modified for each version. To change the defaults, perform the following steps.

▶ **STEP 1**

From the *Electronic* BURST ! & BIND ! menu, select Maintain EBB Versions.

▶ **STEP 2**

On the Maintain EBB Versions screen, enter 3 (Mods) next to the version ID.

▶ **STEP 3**

The Version Output Parameters window appears, displaying the version defaults. If you need to verify the defaults only, press F3 to exit the window. Otherwise, make any required changes and press ENTER.

NOTE : The parameter 'Default Banner' will be overridden at the individual PRINT function level. If you do not want the banner page to print, change the parameter 'Print Banner Page' for each routing function to 'N'.

6010 Maintain EBB Versions

Position To .. _____

<u>O</u>	<u>Version ID</u>	<u>Description</u>	<u>Chg User</u>	<u>Chg Date</u>
<u>3</u>	DEMO1	EBB DEMO VERSION	DEMO	02/15/05
-	I	6009	Version Output Parameters	

EBB Version ID: DEMO1

Description. : EBB DEMO VERSION

Default Outq: EBBFINAL

Error Outq: EBBERRQ

Default Function: PRINT

Default Fanner: Y Keep Spool

file: Y

Version for select keys : DEMO1

Opt:1=Select 2=Select Keys 3=Mods 5=Preload 7=Copy 9=Delete F6=Add

3.4 Model Versions

You can use a version as a model for other versions that have the same select keys and routing functions. By using a model, you only need to make changes in one place rather than to all versions that also contain this information.

3.4.1 SET UP A MODEL

A model version is a working version- No special setup is required. If you will be using a version as a model version, you should set it up and test it thoroughly before pointing other versions to it.

A model version is set up by using the regular procedures- After the reports are tied to the version, select keys are selected and routing functions are assigned, the version can be used as the model for subsequent version setups- The duplicate versions do not have to use the same reports, but they require the same select keys and corresponding functions.

3.4.2 POINT OTHER VERSIONS TO MODEL

After you set up the model, you can point as many versions as you like to it or duplicate its functionality- The select keys and routing functions should not be set up for any duplicate versions.

► **STEP 1**

From the *Electronic BURST! & BIND!* menu, select Maintain EBB Versions.

► **STEP 2**

To add a version, press F6.

```
6011                               Add EBB Version ID

EBB Version ID . . . . : DEMO1 1
Version Description. . : EBB DEMO VERSION

Version Defaults:
Receiving Outq . . . . : EBBFINAL
Error Outq . . . . . : EBBERRQ
Function . . . . . : PRINT
Want a banner . . . . : Y (Y/N)
Keep Spool file . . . . : Y (Y/N)

Version for select keys . . . : DEMO1

F3=Exit      F12=Previous F24=More Keys
```

► **STEP 3**

Fill in the screen to add a new version ID. All fields must be entered or the defaults used.

EBB Version ID

A unique name up to ten characters (no blanks).

Version Description

A description for your version up to 30 characters.

Receiving Outq

The output queue where the burst and/or bound spool files are sent if no other output queue is specified.

Error Outq

The output queue where spool files are placed if the select key is not found or if the functions are set up incorrectly.

Function

The PRINT function is the default routing function. This field cannot be modified.

Want a banner

Specify N if you do not want a banner page to print. The default is Y. The value at the individual function level will override the value here if it is different.

Keep Spool file

Specify whether the original spool files should be kept after bursting. JDE recommends you set this response to 'Y' initially.

Version for select keys

The version ID that is used as the model for the new version. If no model version is entered, this field will default to the version ID being set up.

► STEP 4

Follow the instructions to add reports to the new version ID.

The remaining steps to set up a version are not necessary. You do not need to select burst areas, preload select keys, or assign functions. The select keys and routing functions attached to the original (or model) version will be used by the duplicate version just created. You must look at the model version to view the select keys and functions because they are not displayed through a duplicate version.

3.4.3 POINT EXISTING VERSIONS TO MODEL

You can change an existing version to a duplicate version- The select keys and routing functions that are attached to the version will no longer be used. Instead, the monitor will use those attached to the model version for processing the version. To avoid confusion, you can delete the select keys from the duplicate version. If a duplicate version is changed so that it doesn't point to a model, the setup needs to be completed.

► STEP 1

From the *Electronic* BURST! & BIND! Menu, select Maintain EBB Versions

► STEP 2

From the Maintain EBB Versions screen, enter 3 (Mods) next to the version ID.

► STEP 3

A popup window appears. Enter the name of the model version after 'Version for Select Keys'.

► **STEP 4**

If the version name you enter does not exist, an error is displayed. Enter the correct model version name. The Maintain EBB Versions screen appears.

You verify the model version setup at this time. Also, you can delete the select keys attached to the duplicate version (see Section 6.3 "Maintain Select Keys" later in this publication).

4.0 Selected Reports to BURST! & BIND!

4.1 About Spool Files

You can add a DREAM Writer, World Writer, FASTR, other JDE report, and/or a regular spool file report.

An EBB version can contain a single report or multiple reports which you intend to combine. Because a version will not run until all reports are present, be careful about combining reports that don't run with the same frequency. Also, some reports are not always produced. An EBB version that contains a single report is a 'burst only' version. An EBB version that contains two or more reports will burst and then bind.

You can bind multiple reports by selecting burst areas that are the same length on each report selected in the version ID. Up to 999 reports can be bound together at one time. If the data in one report matches the data in another report (within the selected areas), the reports will be bound into one spool file. If the burst area information is not exactly the same, but you want to bind them together, see Section 9, 'Substitute Select Keys', in this publication.

Do not run reports with cover pages or with print instructions on the reports that are used in the selection process. EBB only displays the first page of a report when you select the burst criteria.

4.2 Add a Spool File Report

Use this method to add JDE reports as well as regular spool files. You can also use it for DREAM Writer reports when using the DDS is not possible or desirable. You should use the procedure in Section 4.3.1 for World Writer and FASTR reports.

► STEP 1

To add a report, enter 1 next to the version ID on the Maintain EBB Versions Screen. The EBB Reports Selection screen appears. Press F8 to add the report to the version. The Spool File Selection screen appears.

```

6015D                               Spool File Selection          OUTQ _____

Bind Version .. DEMO1EBB DEMO VERSION
Report . . . . .
Position To . . . _____

O  File Name  User  Version  File #  Job  Job#

Opt:1=Select 5=Display                F3=Exit F12=Previous

```

► **STEP 2**

From the Spool File Selection screen, enter the output queue name in which the spool file resides.

```

6015D                               Spool File Selection          OUTQ EBBSTA

Bind Version .. DEMO1EBB DEMO VERSION
Report . . . . .
Position To . . . _____

O  File Name      User  Version  File #  Job      Job#
1  DEMO_RPT1      DEMO DEMO1  0002    EBB_RPT1
-  DEMO_RPT2      DEMO DEMO2  0002    EBB_RPT2
-  DEMO_RPT3      DEMO DEMO2  0002    EBB_RPT3

Opt:1=Select 5=Display                F3=Exit F12=Previous

```

► **STEP 3**

Enter 1 in the option column to select the spool files. "Selected" will appear next to the file(s) you have chosen. If you want to add multiple reports to the version, you can control the sequence in which they will be processed by selecting them one at a time and pressing ENTER after each selection. If the sequence is unimportant, enter 1 next to all reports you want to select.

6015D

Spool File Selection

OUTQ EBBSTART

Bind Version .. **DEMO1EBB DEMO VERSION**

Report

Position To . . . _____

<u>O</u>	<u>File Name</u>	<u>User</u>	<u>Version</u>	<u>File #</u>	<u>Job</u>	<u>Job#</u>	
—	DEMO_RPT1	DEMO	DEMO1	0002	EBB_RPT1		Selected
—	DEMO_RPT2	DEMO	DEMO2	0002	EBB_RPT2		
—	DEMO_RPT3	DEMO	DEMO2	0002	EBB_RPT3		

Opt:1=Select 5=Display

F3=Exit F12=Previous

► **STEP 4**

To return to the EBB Reports Selection screen, press F3. The file(s) you selected are displayed. After you select all reports to be tied to the version, you are ready to set up the burst criteria on the reports.

6012

EBB Reports Selection

EBB Version .. **DEMO1EBB TEST VERSION**

<u>O</u>	<u>Change</u>	<u>Seq</u>				
<u>P</u>	<u>Seq</u>	<u>Number</u>	<u>TY</u>	<u>Forn/Group</u>	<u>Name/Vers</u>	<u>Description</u>
—	—	001	S	DEMO_RPT1	EBB_RPT1_SPOOL	

Opt:1=Burst Criteria 2=Sub Key 9=Delete F3=Exit F8=Add Report

4.3 Maintain Report Sequence

If more than one report is selected for an EBB version ID, each report is assigned a sequence number as it is selected. This is the order in which the bound reports will appear in the output file. To change the sequence number, follow these steps.

► STEP 1

To add a report, enter 1 next to the version ID from the Maintain EBB Versions screen. The EBB Reports Selection screen appears. Press F8 to add the report to the version. The Spool File Selection screen appears.

► STEP 2

To add a report, enter 1 next to the version ID from the Maintain EBB Versions screen. On the Spool File Selection screen, enter the output queue name in which the spool file resides. The EBB Reports Selection screen appears.

6012	EBB Reports Selection					
EBB Version .. DEMO1EBB TEST VERSION						
O	Change	Seq				
<u>P</u>	<u>Seq</u>	<u>Number</u>	<u>TY</u>	<u>Forn/Group</u>	<u>Name/Vers</u>	<u>Description</u>
—	—	001	S	DEMO_RPT2	EBB_RPT2	SPOOL
—	—	002	S	DEMO_RPT3	EBB_RPT3	SPOOL
Opt:1=Burst Criteria 2=Sub Key 9=Delete F3=Exit F8=Add Report						

► STEP 3

Enter the new number in the Change Seq field.

You cannot use sequence numbers that are already used. For example, You have two reports numbered 001 and 002. You want to change the sequence of these reports, but you cannot change 002 to 001 because that number is used. Therefore, change 002 to 003, and change 001 to 004.

6012

EBB Reports Selection

EBB Version .. DEMO1EBB TEST VERSION

O	Change	Seq				
<u>P</u>	<u>Seq</u>	<u>Number</u>	<u>TY</u>	<u>Forn/Group</u>	<u>Name/Vers</u>	<u>Description</u>
—	<u>004</u>	001	S	DEMO_RPT2	EBB_RPT2	SPOOL
—	<u>003</u>	002	S	DEMO_RPT3	EBB_RPT3	SPOOL

Opt:1=Burst Criteria 2=Sub Key 9=Delete F3=Exit F8=Add Splf

► **STEP 4**

Press F3 to return to the Maintain EBB Versions screen.

Note :

If you have reports which have different formats (landscape vs portrait) or reports of different widths or lengths, the largest report must be the first in the sequence. When the Bind spool file is created, the attributes of the first report are used to determine the attributes for all other reports in the bind.

5.0 BURST! Criteria

5.1 About BURST! Criteria

EBB processes spool files, not the data or program used to create the spool file. When you select a report for an EBB version, the report will burst when the data in the selected burst area does not match the burst area on the next page of that report.

The burst area is the physical space on the report as designated by the procedures in this section. Keep in mind that you are selecting an area where particular data will appear; you are not selecting that data. For example, a header could appear as "001 - A Model Accounting Company", but in the same area on another page it could be "007 - A Model Payroll Company". You must select the area on the first page only, which is "001- A Model Accounting Company", and when the report is run against EBB, it will burst it when any of the text is different.

You can select more than one area to burst on for a given report. The total key length for all burst areas on a report must not exceed 90 characters.

You can use EBB for routing only. You can select burst criteria in an area that does not change, such as the headings (the information contained in the header is usually a fixed format). EBB will then have a fixed area to scan. As the data in an area changes, EBB performs the burst function. Therefore, if the area that EBB is scanning is one that never changes, then the spool file will never burst. The report output will be the same as the input, but multiple routing functions can be added to the version to aid in the report distribution..

5.2 About BIND! Criteria

When you select more than one report for an EBB version, and the data in the selected area matches the data in two or more reports (the data in the selected area must be exactly the same, but the areas do not need to be in the same row or column), the reports are burst and then merged into one spool file. If you select more than one area on a report and want to bind with another report, the bind occurs only if the data in all selected areas match exactly.

5.3 Set Up Burst Areas Using DDS

The following procedure uses the print file DDS and is only used with certain reports. Most DREAM Writer reports can be specified with DDS. For FASTR, World Writer and JDE spool file reports as well as regular spool files, which all use a generic report format, follow the procedure in Section 5.5, "Set Up Select Keys on Spool Files", in this publication. Read this section thoroughly before you use a DDS file.

DDS CONSIDERATIONS:

Some reports, including DREAM Writers, have optional header areas. If the report to be burst has an optional header, the burst criteria selected on the DDS can move relative to the spool file from the same report. If this problem occurs when EBB is I'UJ1, the Spool File Example method for selecting the burst criteria is preferred.

You can want to use the DDS method if the reports to be burst are very large. You may want to temporarily change the data selection values for that specific version, which will create a smaller spool file. EBB needs the first page for selection of burst criteria. After running that DREAM Writer version, change the data selection values back to their original values before you run the report again.

The DDS source may not be on your system because many installations do not keep source code online due to disk space considerations.

► STEP 1

After your reports have been selected, enter 1 (Burst Criteria) on the report (or one of the reports if multiple reports) from the EBB Reports Selection screen. The Burst Selection Setup window appears.

6012	EBB Reports Selection					
EBB Version .. DEMO1EBB TEST VERSION						
O	Change	Seq				
<u>P</u>	<u>Seq</u>	<u>Number</u>	<u>TY</u>	<u>Forn/Group</u>	<u>Name/Vers</u>	<u>Description</u>
—	—	001	D	P10111	J10111_005	JDE-EBB

Burst Selection Setup

1. DDS Print file
2. Spool file Example

Selection . . . : _

F3-Exit

Opt:1=Burst Criteria 2=Sub Key 9=Delete F3=Exit F8=Add Report

► **STEP 2**

Select option 1 (DDS Print File) from the Burst Selection Setup window and press ENTER. The selected form appears after a screen requests that you confirm where to obtain the source for the report.

6014	JDE Dream Writer Burst Criteria
Input Values, Press Enter	
JDE Dream Writer Form to use:	<u>R1011</u>
JDE Source File:	<u>JDESRC</u>
Source Library.:	<u>JDFSRC</u>
F3=Exit F12=Previous	

Enter the Correct information. if necessary. on the screen.

► **STEP 3**

The first page of the report is displayed. Press F7 to mark the beginning of the select key area. All data following the mark is highlighted.

6014A	Electronic Burst & Bind	
	Select Key Maintenance	
	Version. . : DEMO15 Form. . : DEMO-JDE Job. . : EBB_JDE	
Total Key Length .		Col. . __ Row. . __
001 – EBB Company 1	EBB Enterprises, Inc. Model Company, U Balance Sheet As of 12/31/98	
..... Amounts		
Current Assets	Last Month End	La Current Assets
_____	_____	_____
Cash		
Petty Cash	2,526.38	2,526.38
		More. . .
F3=Exit F7=Begin F8=End F9=UnMark All F10=CHG/Add F19=Left F20=Right		

► **STEP 4**

Move the cursor immediately after the select key area (one character after the area you want to select). Each row with select key areas must be selected individually, and the total of all selections must not exceed 90 characters. Press F8 to mark the end of the select key area. Only the select key is highlighted.

6014A	Electronic Burst & Bind	
	Select Key Maintenance	
	Version. . : DEMO15 Form. . : DEMO-JDE Job. . : EBB_JDE	
Total Key Length .	3 Current Assets	Col. . __ Row. . __
001 – EBB Company 1		EBB Enterprises, Inc. Model Company, U Balance Sheet As of 12/31/98
..... Amounts		
Current Assets	Last Month End	La Current Assets
Cash		
Petty Cash	2,526.38	2,526.38
		More. . .
F3=Exit F7=Begin F8=End F9=UnMark All F10=CHG/Add F19=Left F20=Right		

Notice the total key length in the top left, just above the ruler.

NOTE: Control characters marking the beginning and end of the burst areas overlay data characters. For example, if you place the cursor on a data character and press F7 or F8, the character will appear to be erased. This is normal and does not affect the data on the printed report.

5.4 Set Up Burst Areas Using Spool Files

The following procedure should be followed for FASTR, World Writer, and JDE spool file reports as well as regular spool files. DREAM Writer reports, particularly when the source is not available, can also be set up by using this procedure. Section 5.5 "Change, Add, or Delete Burst Areas", in this publication provides procedures to change, add, or delete select keys for all reports.

► STEP 1

From the Maintain EBB Versions screen, enter 1 in the option column to select your version. The EBB Reports Selection screen appears.

6012

EBB Reports Selection

EBB Version .. DEMO1EBB TEST VERSION

O	Change	Seq				
<u>P</u>	<u>Seq</u>	<u>Number</u>	<u>TY</u>	<u>Forn/Group</u>	<u>Name/Vers</u>	<u>Description</u>
-	___	001	S	DEMO_RPT1	EBB_RPT1	SPOOL

Opt:1=Burst Criteria 2=Sub Key 9=Delete F3=Exit F8=Add Splf

► **STEP 2**

On the EBB Reports Selection screen, enter a 1 in the option field next to the report for which you need to identify the burst criteria. The Burst Selection Setup window appears.

6012

EBB Reports Selection

EBB Version .. DEMO1EBB TEST VERSION

O	Change	Seq				
<u>P</u>	<u>Seq</u>	<u>Number</u>	<u>TY</u>	<u>Forn/Group</u>	<u>Name/Vers</u>	<u>Description</u>
<u>1</u>	___	001	S	DEMO_RPT1	EBB_RPT1	SPOOL

Opt:1=Burst Criteria 2=Sub Key 9=Delete F3=Exit F8=Add Splf

► **STEP 3**

From the window, select Spool File Example.

6012

EBB Reports Selection

EBB Version .. DEMO1EBB DEMO VERSION

O	Change	Seq				
<u>P</u>	<u>Seq</u>	<u>Number</u>	<u>TY</u>	<u>Forn/Group</u>	<u>Name/Vers</u>	<u>Description</u>
-	-	001	S	DEMO_RPT1	EBB_RPT1	SPOOL

Burst Selection Setup
 1. DDS Print file
 2. Spool file Example

Selection. :: 2

F3=Exit

Opt:1=Burst Criteria 2=Sub Key 9=Delete F3=Exit F6=Add JDE F8=Add Splf

► **STEP 4**

From the Spool File Selection screen, enter the output queue name in which the spool file resides. (If the spool file is not in that output queue, a message appears. Enter the correct output queue name.) Enter 1 next to the spool file.

6015

Spool File Selection

OUTQ EBBSTART

EBB Version .. DEMO1 EBB TEST VERSION

Report001 DEMO_RPT1 EBB SPOOL

Position To . . . _____

<u>O</u>	<u>File Name</u>	<u>User</u>	<u>Version</u>	<u>File #</u>	<u>Job</u>	<u>Job#</u>
-	DEMO_RPT1	DEMO	DEMO1	0002	EBB_RPT1	

Opt:1=Select 2=EBBSTART 5=Display 7=Preload Select Keys F3=Exit F12=Previous

► **STEP 5**

The first page of the spool file appears to let you select the burst criteria. Move the cursor to one space before the beginning of the first line of the key area on which you want to burst. Press F7 to mark the beginning of the select key area. All data that follows is highlighted until the end of the key area is marked.

6014A		Electronic BURST! & BIND!						
		Select Key Maintenance						
Version.. : DEMO1		Form.. : DEMO-RPT1		Job.. : EBB_RPT1				
Total Key Length.. 8		Col. . __ Row.. __						
		EBB Enterprises, Inc.						
		General Ledger by Account Categ						
Acct	C	Profit	Maj	Minor	Description	Ac	J/E	J
Cat	C	Center	Acct	Acct		Cd	Number	D
00002006		A	7 4317		401K Plan	T1	56 01/	
			7 4317		401K Plan	T1	59 01/	
			7 4317		401K Plan	T1	59 01/	
			7 4317		401K Plan	T1	65 02/	
			7 4317		401K Plan	T1	65 02/	
More . . .								
F3=Exit F7=Begin F8=End F9=UnMark All F10=CHG/Add F19=Left F20=Right								

Because the cursor must be placed one space before the select key area you want to mark for your burst criteria, you cannot select the first column in any row (to change your burst area, see Section 5.5.2, "ChangeIV erify Burst Areas").

► **STEP 6**

Move the cursor to the ending point of the select key area, one character after the area. you want to select. Each row with select key areas must be selected individually, and the total of all selections must not exceed 90 characters.

Press F8 to mark the end of the select key area. Only the select key is highlighted.

Notice the total key length is displayed on the top left of the screen, just above the ruler.

5.4.1 FASTR and World Writer Reports

▶ STEP 7

Return to the FASTR menu or World Writer menus. Select the version you created. Select option 6 for Printer File overrides.

▶ STEP 8

From the Printer File Overrides screen, change the Print Queue option to EBBSTART and check to be certain that hold is set to N. Change the Print Cover Page and Print Instructions options on the additional parameters screen to N.

This completes the setup for FASTR and World Writer. When this particular report is run, it is ready to be processed by EBB.

5.5 Change, Add, or Delete Burst Areas

▶ STEP 1

From the Maintain EBB Versions screen, enter 1 in the option column to select your version. The EBB Reports Selection screen will appear.

▶ STEP 2

On the EBB Reports Selection screen, enter 1 in the option field next to the report for which you need to identify the burst criteria. The Burst Selection Setup window appears.

▶ STEP 3

From the window, select Spool File Example.

▶ STEP 4

From the Spool File Selection screen, enter the output queue name in which the spool file resides. If the spool file is not in that output queue, a message appears. Enter the correct output queue name.

▶ STEP 5

Enter 1 next to the spool file. The first page of the spool file will appear to allow you to select the burst criteria.

Continue with the instructions in Section 5.5.1 "Unmark Burst Areas" in this publication to unmark burst areas, or in Section 5.5.2 "Change/Verify Burst Areas" to change or verify the burst areas.

5.5.1 Unmark BURST Areas

Follow steps 1 through 5 above.

▶ **STEP 6**

From the EBB Select Key Maintenance screen, press F9 to unmark all burst areas.

▶ **STEP 7**

The EBB Select Key Maintenance screen is refreshed with no burst areas highlighted. Follow the procedures to set up a burst area (Section 5.3, "Set Up Burst Areas Using DDS") or press F3 to return to the Spool File Selection screen.

or

▶ **STEP 6**

To unmark a single burst area, press F10 from the EBB Select Key Maintenance screen. The (60148?) screen is displayed.

▶ **STEP 7**

Scroll to locate the burst area you want to unmark and press F9.

▶ **STEP 8**

The EBB Select Key Maintenance screen is refreshed with the changed burst areas highlighted. Press F3 to return to the Spool File Selection screen.

5.5.2 Change/Verify BURST Areas

If you want to change a burst area, press F10 from the EBB Select Key Maintenance screen. The popup window lets you change the row position, column position and/or field length. You can change an existing burst area or add one from this window.

Because the cursor must be placed immediately before the first character you are selecting, you cannot select the first column character position by using F7. If you change a burst area to begin in column 1, the total key length remains unchanged so that your ending character is no longer selected (the area has been moved one character to the left). The starting position plus the length determines the ending position. For example, if you place the cursor on column one and pressed F7, and move the cursor over to column 52 and press F8, the burst area would be in columns 2 through 51, with a length of 50. If you then use the F10 window to change the starting position to 1, and the length is left at 50, the burst area will be moved one position to the left. The ending position of the burst area is now 50, rather than 51. Even though you have changed the starting position to 1, this column will still remain unhighlighted.

Follow steps 1-5 in Section 5.5 "Change, Add, or Delete Burst Areas" above.

▶ **STEP 6**

From the EBB Select Key Maintenance screen, press F10. The (60148 ?) window is displayed.

▶ **STEP 7**

Scroll to locate the burst area you want to modify or a blank area. Notice UPDATE or ADD at the top of the window area. If there are numerous select key areas, scrolling through the window will bring you to the ADD menu after the last select key area has been displayed. If there are no burst areas, ADD will be displayed at the top of the window.

▶ **STEP 8**

Make changes or additions, and press ENTER. The EBB Select Key Maintenance screen appears. Press F3 until the *Electronic* BURST! And BIND! menu appears.

5.6 Print a Version Information Report

From the *Electronic* BURST! And BIND! Menu, select Version Information Report following information message is displayed:

Version Information Report submitted to batch

For each EBB version ID, the report displays the defaults and burst criteria areas for each file. The functions and parameters defined for each entity are displayed.

An example of the report follows.

EBB Version	Column	Default	Error	Hamr	Keep	OUTQ	Page	SPLF	Burst Criteria
		Version Description	Length						Spool File Name/Job
									Rew
DEMO1	EBB DEMO VERSION	EBBFNAL	EBBERQ	Y	Y	DEMO_RPT1			7 2 8
DEMO2	EBB DEMO VERSION 2	EBBFNAL	EBBERQ	Y	Y	DEMO_RPT2			6 4 3
						DEMO_RPT3			7 2 3

6.0 Select Keys

6.1 About Select Keys

A select key is the data found in the burst area when EBB scans the original spool file. It is the text contained in the areas you selected to use as burst or bind criteria. When multiple burst areas are selected on a report, the combination of the areas make up one select key. Each time the data changes in any area, a select key is created unless it exists already. A select key exists for each unique set of data (for example, if the burst criteria is the company number and there are six companies, there will be six select keys).

The select key is linked to the version ID. Burst areas can be the same on any number of reports, in any number of versions. EBB will not create duplicate select keys for a version, but will allow duplicates in the environment. The system uses an entity number (displayed on some screens), which is assigned internally to a select key.

6.2 Preload Select Keys

Preloading the select keys involves scanning the original spool file and selecting the data contained in the select key areas. (After preloading the select keys, you can display them on the Maintain EBB Versions screen by entering 2 next to the version In.) To preload select keys, the spool file to be burst must currently exist.

NOTE: See Section 6.2.1, "Optional Method for Preloading Select Keys", for an alternative method that is especially useful when preloading multiple spool files.

► STEP 1

From the Maintain EBB Versions screen, enter I next to the version ID.

► STEP 2

On the EBB Reports Selection screen, enter I next to the report.

6012

EBB Reports Selection

EBB Version .. DEMO1EBB DEMO VERSION

O	Change	Seq				
<u>P</u>	<u>Seq</u>	<u>Number</u>	<u>TY</u>	<u>Forn/Group</u>	<u>Name/Vers</u>	<u>Description</u>
<u>1</u>		001	S	DEMO_RPT1	EBB_RPT1	SPOOL

Opt:1=Burst Criteria 2=Sub Key 9=Delete F3=Exit F6=Add JDE F8=Add Splf

► **STEP 3**

From the Burst Selection Setup window, enter 2 for the Spool File Example. The Spool File Selection screen appears.

6012

EBB Reports Selection

EBB Version .. DEMO1EBB DEMO VERSION

O	Change	Seq				
<u>P</u>	<u>Seq</u>	<u>Number</u>	<u>TY</u>	<u>Forn/Group</u>	<u>Name/Vers</u>	<u>Description</u>
-	-	001	S	DEMO_RPT1	EBB_RPT1	SPOOL

Burst Selection Setup

1. DDS Print file
2. Spool file Example

Selection. .: 2

F3=Exit

Opt:1=Burst Criteria 2=Sub Key 9=Delete F3=Exit F8=Add Splf

► **STEP 4**

From the Spool File Selection screen, enter the output queue name in which the spool file resides.

► **STEP 5**

Enter 7 next to the file to Preload Select Keys. Preloading will take several minutes.

6015	Spool File Selection	OUTQ <u>EBBSTART</u>				
Bind Version ..	DEMO1	EBB TEST VERSION				
Report	001 DEMO_RPT1	EBB SPOOL				
Position To . . .	_____					
<u>O</u>	<u>File Name</u>	<u>User</u>	<u>Version</u>	<u>File #</u>	<u>Job</u>	<u>Job#</u>
<u>7</u>	DEMO_RPT1	DEMO	DEMO1	0002	EBB_RPT1	
Opt: 1=Select 2=EBBSTART 5=Display 7=Preload Select Keys F3=Exit F12=Previous						

When preloading completes, a message is displayed :

Pre Load Select Keys Has Completed, And Found nnn New Select keys.

► **STEP 6**

To return to the EBB Reports Selection screen, press F3. If you have multiple spool files, select the next spool file and repeat this process.

Press F3 until the Maintain EBB Versions screen appears.

6.2.1 Optional Method of Preloading Select Keys

This method is very useful when you preload select keys for multiple spool files.

► **STEP 1**

From the Maintain EBB Versions screen, enter option 5 in front of the version ID. The Spool File Selection screen appears.

► **STEP 2**

Enter the output queue in which the spool file(s) reside. Notice that all spool files in the output queue for that version ID are displayed on the screen, rather than one at a time as in the previous method.

► **STEP 3**

Enter 7 next to the spool file and press ENTER. When it has completed, a message will be displayed.

NOTE: You can enter 7 by all files at the same time, but you must press ENTER after each confirmation message to preload the next file. The 7's will disappear after preloading on all files completes.

► **STEP 4**

To return to the Maintain EBB Versions Screen, press F3.

6.3 Maintain Select Keys

► **STEP 1**

From the Maintain EBB Versions screen, enter option 2 next to the version ID to display the Select Key Maintenance screen. The screen displays the select keys that were found while preloading the select keys earlier in this section..

6020	Select Key Maintenance
Version . . .	DEMO1
Position To. . .	_____
<u>Q</u> <u>S</u>	<u>Select Key</u> _____
-	
-	00002006
-	00002022
-	00002049
-	00002129
-	00006010
-	00001347
-	00001901
-	00002065
Opt: 1=Select 5=Address 7=Global 9=Delete F3=Exit F6=Add Keys F12=Previous	

Some of the options you can use on the Select Key Maintenance screen follow .

1=Select

Lets you view functions assigned to a select key. All select keys have the PRINT function as a default for the first function, although you won't see the function until the Add Function procedure has been followed (see Section 7.3.2, "Globally Add or Change a Routing Function").

5=Address

Displays a Name Search window for DREAM Writer reports. This option lets you verify the address and the A/R, A/P, and Category Codes associated with the select key, if the select key relates to an Address Book record.

7=Global

Lets you globally add or change a routing function. See Section 7.2, "Maintain Routing Functions".

9=Delete

Lets you delete select keys and attached functions. To delete one or more select keys, place a 9 in the option column next to the key(s) you want to delete. Keep in mind that routing functions that have been assigned to the deleted select keys will also be deleted.

6=Add Keys

Now data for a burst area can be entered using this option. It could also be entered by preloading the select key, but this could be more time consuming. The new select key must be entered exactly as the data will appear on the report in the burst area.

► STEP 1

Press F6 to add a new select key.

► STEP 2

Enter the new select key exactly as it would appear on the report.

6020B	EBB Select Key Maintenance Version DEMO1	2/15/94
Select Key :	_____	

ENTER=Validate F3=Cancel		

The Select Key Maintenance screen appears, with the new select key added to the end of the displayed list.

7.0 Assign Routing Functions

7.1 About Routing Functions

A routing function, although primarily a print or output destination instruction, can actually be any CL command you can enter on the command line. You can create functions and then attach them to individual select key(s). You can also globally attach them to all select keys. A number of demo routing functions are included in this version of EBB as examples. (While installing the current release, the names of the demo functions are compared to any existing functions created during an earlier release of EBB. If the name of an earlier routing function matches one of the new functions, the earlier routing function will be replaced.)

The default function PRINT is assumed for each select key. *This function must always be the first function.* You can assign additional functions and perform modifications on the PRINT function. Each function assigned to a select key is given a sequence number, which indicates the order in which the functions will be performed.

7.2 Maintain Routing Functions

► STEP 1

From the *Electronic BURST! & BIND!* menu, select Maintain EBB Functions. The Maintain EBB Functions screen appears.

► STEP 2

Enter 1 next to the routing function you want to change.

6025 Maintain EBB Versions

Position To .. _____

O	Function	
P	Name	Description
-	COPYF	Copy Spool File
-	DUPLEX	Change Spool File to yes for duplex
-	FORM	Change Spool File Form Enter to 'CMS'
-	FORMTYPE	Change Spool File Form Enter by Entity
-	FORM400	Change Spool File Form Enter to FORM400
-	HOLDFILE	Hold Spool File
<u>1</u>	PRINT	Change OUTQ and Copies for Print
-	PRINT1	Change OUTQ and Copies for Print
-	PRTSAV	Save Spool File

Option: 1=Select to Maintain F6=Create New Function F24=More Keys

The EBB-Maintain Function Desc. screen appears and displays parameters and pertinent information about the routing function.

6024 **EBB - Maintain Function Desc.**

Action Code . . . _

Function Name . PRINT Description Change OUTQ and Copies for Print

Command String – Enter in the space provided without unnecessary spaces
OVRPRTF OUTQ(&) COPIES(&)

Default Parm	1	<u>EBBSTART</u>	<u>OUTQ Name</u>
“	2	<u>1</u>	<u>Number of Copies</u>
“	3	_____	_____
“	4	_____	_____
“	5	_____	_____
“	6	_____	_____
“	7	_____	_____
“	8	_____	_____
“	9	_____	_____
“	10	_____	_____

F3=Exit

► **STEP 3**

When you select a routing function to maintain, you can modify the parameters or add new ones. The number of allowed parameters is limited to 10. You can change the parameters, such as whether or not to print a banner page, the entity/routing ID (which defaults to the select key description), output queue name, and the number of copies. Make any changes and press ENTER. If no changes are needed, press F3.

► **STEP 4**

A blank EBB-Maintain Function Desc. screen is displayed. Press F3 to return to the Maintain EBB Functions screen.

7.2.1 Create a Routing Functions

You can create other functions that can let reports tied to a select key be routed to additional output queues. If you create other print functions, JDE suggests you give each one a unique name, such as PRINT2, PRINTS, and so on. You can give the new routing function any name you want, except 'PRINT'.

► **STEP 1**

From the *Electronic* BURST! & BIND! menu, select Maintain EBB Functions.

► **STEP 2**

From the Maintain EBB Functions screen, press F6 to create a new function. A blank EBB-Maintain Function Desc. screen is displayed. If a similar function already exists that can be changed, enter 1 next to an existing function. A EBB-Maintain Function Desc. screen appears and displays the parameters and information about the function.

► **STEP 3**

Enter A in the Action Code field. Fill in the name, description, command string, and parameters for the new routing function. If you are using an existing routing function to copy, enter A in the Action Code field and change the function name and any other information that will be different. If you are using a valid IBM command, key in the command name and press F4 for normal command prompting. If you will be using the "&" as a parameter substitution, you will have to key in some other word or code into the prompting screen. The IBM error checker will not accept the "&" as a valid parameter. After the command is returned to the Maintain Function Desc. screen, change to dummy values you keyed in for the "&" positional parameters. Press ENTER.

6024

EBB - Maintain Function Desc.

Action Code . . . A

Function Name . ____ Description _____

Command String – Enter in the space provided without unnecessary spaces

Default Parm	1	_____	_____
“	2	_____	_____
“	3	_____	_____
“	4	_____	_____
“	5	_____	_____
“	6	_____	_____
“	7	_____	_____
“	8	_____	_____
“	9	_____	_____
“	10	_____	_____

F3=Exit

► STEP 4

A blank EBB-Maintain Function Desc. screen is displayed. Enter in the parameters for another new function or press F3 to return to the Maintain EBB Functions screen.

7.2.2 Delete a Routing Functions

► STEP 1

From the *Electronic* BURST! & BIND! menu, select Maintain EBB Functions.

► STEP 2

From the Maintain EBB Functions screen, enter 1 in the option column next to the routing function you want to delete. *Remember, do not delete PRINT.*

► STEP 3

On the EBB-Maintain Function Desc. screen, enter D in the Action Code field. Press ENTER.

6024

EBB - Maintain Function Desc.

Action Code . . . D

Function Name . PRINT Description Change OUTQ and Copies for Print

Command String – Enter in the space provided without unnecessary spaces

OVERPRTF OUTQ(&) COPIES(&) HOLD(*YES)

Default Parm	1	EBBFINAL	OUTQ Name
“	2	<u>1</u>	<u>Number of Copies</u>
“	3		
“	4		
“	5		
“	6		
“	7		
“	8		
“	9		
“	10		

F3=Exit

► **STEP 4**

Press F3 to return to the Maintain EBB Functions screen. The routing function no longer appears in the list.

Press F3 to return to the *Electronic* BURST! & BIND! menu.

7.2.3 Globally Delete a Routing Function from Select Keys

Similarly, you can want to delete a function from multiple select keys. This procedure does not delete the routing function itself, but only from the specified select keys.

► **STEP 1**

From the *Electronic* BURST! & BIND! menu, select Maintain EBB Versions.

► **STEP 2**

On the Maintain EBB Versions screen, enter 2 next to the veISion that will be affected. The Select Key Maintenance screen appears.

► **STEP 3**

Enter 7 in the option column next to all of the select keys from which you want to delete a routing function.

6020	Select Key Maintenance
Version . . .	DEMO1
Position To. . .	_____
<u>0</u>	<u>S</u> Select Key
-	* 00002006
<u>7</u>	* 00002022
-	00002049
<u>7</u>	* 00002129
<u>7</u>	* 00006010
-	* 00001347
-	* 00001901
-	00002065
Opt: 1=Select 5=Address 7=Global 9=Delete F3=Exit F6=Add Keys F12=Previous	

► **STEP 4**

The EntityFunction Maintenance Global screen appears with the functions attached to the first select key indicated.. To delete a function, enter 9 next to the appropriate routing function(s). The screen appears with the routing function(s) no longer displayed.

6021A Entity/Function Maintenance
GLOBAL

Version . . DEMO2 Entity Key . . 0000002794

Position To . . _____

<u>O</u>	<u>Function</u>	<u>Seq#</u>	<u>Parm 1</u>	<u>Parm 2</u>	<u>Parm 3</u>	<u>Parm 4</u>	<u>Parm 5</u>
__	PRINT	001	EBBFINAL1				
9	PRINT4	002	EBBFINAL2				
9	COPYF	003	*SPLNAM	XXXXXX	JOBNUM	*USER	*JOBNAM
9	FORM	004	*SPLNAM	*JOBNUM	*USER	*JOBNAM	*SPLNUM

Opt: 2=Edit Parms 9=Delete

F3=Exit F6=Add Function

► **STEP 5**

To return to the Select Key Maintenance screen, press F3.

7.3 Assign a Routing Function to a Select Key

After the routing functions have been created and the select keys have been preloaded, you can assign routing functions to specific select keys. Functions can be added to an individual select key or to multiple select keys by using the global feature.

7.3.1 Add a Routing Function to a Select Key

► **STEP 1:**

From the *Electronic* BURST! & BIND! menu, select Maintain EBB Versions.

► **STEP 2**

Enter 2 next to the version that the routing function is to affect.

► **STEP 3**

From the Select Key Maintenance screen, enter I (Select) to add a routing function to that particular select key. The Entity/Function Maintenance screen appears.

```

6021                               Entity/Function Maintenance

Version ... DEMO1 Entity Key .. 0000002825
Select Key .. 00002006
Position To. . . _____
0 Function  Seq#  Parm 1  Parm 2  Parm 3  Parm 4  Parm 5

Opt: 2=Edit Parms  9=Delete          F3=Exit  F6=Add Function

```

► **STEP 4**

Press F6. The Entity/Function Parms Maint screen appears. The first time a function is selected for a version, the maintenance screen displays the PRINT function. Because the PRINT function must always be the first function for a select key, it is the default routing function.

```

6027                               Entity/Function Parms Maint

Version .... DEMO1      Entity ... 00002825      Sequences ... 001
Select Key .. 00002006
Function ..... PRINT
Print Banner Page . Y Y/N
Entity/Routing ID . 00002006
Parm 1 ..... EBBFINAL          OUTQ Name
Parm 2 ..... 1                Number of Copies
Parm 3 ..... _____
Parm 4 ..... _____
Parm 5 ..... _____
Parm 6 ..... _____
Parm 7 ..... _____
Parm 8 ..... _____
Parm 9 ..... _____
Parm 10..... _____

F3=Exit  F4=Functions

```

Press ENTER, and then press FS. The Entity/Function Maintenance screen appears again, this time with the PRINT function displayed.

```

6021                               Entity/Function Maintenance

Version . . . DEMO1 Entity Key .. 0000002825
Select Key .. 00002006
Position To. . . _____

0 Function  Seq#  Parm 1      Parm 2  Parm 3  Parm 4  Parm 5
_ PRINT    001   EBBFINAL 1

Opt: 2=Edit Parms  9=Delete      F3=Exit  F6=Add Function
  
```

► **STEP 5**

Press F6 again to add the additional function. The Entity/Parms Maint screen appears again. This time no function or parameters are displayed on the screen.

► **STEP 6**

Press F4 to display the list of routing functions that are available to add.

```

6033                               Function Selection

Position To .. _____

O
P  Function  Description
_  COPYF     Copy Spool File
_  DUPLEX    Change Spool File to yes for duplex
_  FORM      Change Spool File Form Enter to 'CMS'
_  FORMTYPE  Change Spool File Form Enter by Entity
_  FORM400   Change Spool File Form Enter to FORM400
_  HOLDFILE  Hold Spool File
_  PRINT     Change OUTQ and Copies for Print
_  PRINT1    Change OUTQ and Copies for Print
_  PRINT2    Change OUTQ and Copies for Print
_  PRTSAV    Save Spool File

F3= Exit  4=Return with Function
  
```

► **STEP 7**

Enter 4 next to one of the routing functions (you can. *only add one at a time*).

► **STEP 8**

The Entity/Parms Maint screen appears with the default information filled in. You can modify any of the defaults at this time. Press ENTER.

► **STEP 9**

Press F3 to return to the EntityFunction Maintenance screen. The additional routing function will be listed with any others attached to the select key. Repeat steps 5 through 9 in this procedure to add additional functions.

6021	Entity/Function Maintenance					
Version . . .	DEMO1	Entity Key . .	0000002825			
Select Key . .	00002006					
Position To . .	_____					
<u>0</u>	<u>Function</u>	<u>Seq#</u>	<u>Parm 1</u>	<u>Parm 2</u>	<u>Parm 3</u>	<u>Parm 4</u>
	<u>Parm 5</u>					
—	PRINT	001	EBBFINAL 1			
—	PRINT	002	EBBFINAL 1			
Opt: 2=Edit Parm 9=Delete			F3=Exit F6=Add Function			

► **STEP 10**

Press F3 to return to the Select Key Maintenance screen. Notice that when you add a function, an '*' appears in the 'S' column when you return to the Select Key Maintenance screen. The '*' indicates that a function has been added to this select key. Once again, even though the '*' is not displayed, the PRINT function is assumed on all select keys.

7.3.2 Globally Add or Change a Routing Function

You can add or change a function for multiple select keys by using the global option on the Select Key Maintenance screen. When you add a function globally, it should not be attached to any of the select keys.

► **STEP 1**

From the *Electronic* BURST! & BIND! menu, select Maintain EBB Versions.

► **STEP 2**

On the Maintain EBB Versions screen, enter 2 next to the version that is to be affected. The Select Key Maintenance screen appears.

6020	Select Key Maintenance
Version . . .	DEMO1
Position To. . .	_____
<u>0</u> <u>S</u> <u>Select Key</u>	_____
—	
—	00002006
—	00002022
—	00002049
—	00002129
—	00006010
—	00001347
—	00001901
—	00002065
—	00002073
Opt: 1=Select 5=Address 7=Global 9=Delete F3=Exit F6=Add Keys F12=Previous	

► **STEP 3**

Enter 7 in the option column next to the select keys that the function should affect.

```

6020                               Select Key Maintenance

Version . . .   DEMO1
Position To . . . _____

0  S  Select Key
-
7  *  00002006
    00002022
7    00002049
7    00002129
-    00006010
-    00001347
-    00001901
-    00002065
-    00002073

Opt: l=Select  5=Address 7=Global 9=Delete F3=Exit F6=Add Keys F12=Previous

```

► **STEP 4**

The Entity/Function Maintenance Global screen appears with the functions attached to the first select key indicated. To change a function, enter 2 (Edit Parms) next to the appropriate. The Entity/Function Parms Maint screen appears. Go to step 7. If you are adding a function, continue.

```

6021A                               Entity/Function Maintenance
                                       GLOBAL

Version . . DEMO2 Entity Key . . 0000002825
Position To . . _____

O  Function  Seq#  Parm 1    Parm 2  Parm 3    Parm 4  Parm 5
_  PRINT    001  EBBFINAL1

Opt: 2=Edit Parms 9=Delete           F3=Exit  F6=Add Function

```

Press F6 to add a function. The Entity/Function Parms Maint screen appears with the PRINT function displayed if this is the first function to be added to the select

keys. Make any changes necessary and press ENTER. Press F3 twice to return to the Select Key Maintenance screen.

6027A	Entity/Function Parms Maint	
	GLOBAL	
Version	DEMO1	Entity . . . 00002825
Sequences . . .		001
Select Key . .	00002006	
Function	<u>PRINT</u>	
Print Banner Page .	<u>Y</u> Y/N	
Entity/Routing ID .	<u>00002006</u>	
Parm 1	<u>EBBFINAL</u>	OUTQ Name
Parm 2	<u>1</u>	Number of Copies
Parm 3	_____	
Parm 4	_____	
Parm 5	_____	
Parm 6	_____	
Parm 7	_____	
Parm 8	_____	
Parm 9	_____	
Parm 10	_____	
F3=Exit F4=Functions		

► **STEP 5**

Press F6 again to add another function. Press F 4: to bring up the list of routing functions that are available to add.

6033	Function Selection	
Position To .. _____		
O		
<u>P</u>	<u>Function</u>	<u>Description</u>
-	COPYF	Copy Spool File
-	DUPLEX	Change Spool File to yes for duplex
-	FORM	Change Spool File Form Enter
-	FORMTYPE	Change Spool File Form Enter by Entity
-	FORM400	Change Spool File Form Enter to FORM400
-	HOLDFILE	Hold Spool File
-	PRINT	Change OUTQ and Copies for Print
-	PRINT1	Change OUTQ and Copies for Print
<u>4</u>	PRINT2	Change OUTQ and Copies for Print
-	PRTSAV	Save Spool File
F3= Exit 4=Return with Function		

► **STEP 6**

Enter 4 next to one of the routing functions (*you can only add one at a time*).

► **STEP 7**

The Entity/Function Parm's Maint Global screen appears with the default information filled in. You can modify any of the defaults if necessary at this time, then press ENTER

► **STEP 8**

Press F3 to return to the Entity/Function Maintenance screen. The additional routing function will be listed with any others attached to the select key.

6021A Entity/Function Maintenance
GLOBAL

Version . . DEMO2 Entity Key . . 0000002825

Position To . . _____

<u>O</u>	<u>F</u> unction	<u>S</u> eq#	<u>P</u> arm 1	<u>P</u> arm 2	<u>P</u> arm 3	<u>P</u> arm 4	<u>P</u> arm 5
__	PRINT	001	EBBFINAL	1			
__	PRINT2	0012	EBBFINAL	1			

Opt: 2=Edit Parms 9=Delete

F3=Exit F6=Add Function

► **STEP 9**

To return to the Select Key Maintenance screen, press F3.

Repeat steps 4 through 9 in this procedure to add or change any additional functions.

7.4 Specify Parameters for a Select Key Function

The parameters for a routing function can be customized for a select key or can remain as the default values. The PRINT function, for example, can specify a different number of copies or a different output queue, depending on the select key.

The Banner Page selection can be changed for any print function on a select key. The Entity/Routing ID can also be changed for any print function. The EBB version ID, select key and routing ID will appear on the Banner Page. Special keywords exist that should not be changed. Refer to the *Electronic BURST! & BIND!* Reference Guide Section 8.2, "CL Command String Requirements", if you aren't familiar with these keywords.

To verify or modify the parameters for a specific select key, follow the procedure below.

► **STEP 1**

From the *Electronic BURST! & BIND!* menu, select Maintain EBB Versions.

► **STEP 2**

Enter 2 next to the version that the routing function affects.

► **STEP 3**

From the Select Key Maintenance screen, enter 1 (Select) next to the select key. The Entity/Function Maintenance screen appears

6021	Entity/Function Maintenance							
Version . . .	DEMO1	Entity Key . .	0000002825					
Select Key . .	00002006							
Position To. . .	_____							
<u>0</u>	<u>Function</u>	<u>Seq#</u>	<u>Parm 1</u>	<u>Parm 2</u>	<u>Parm 3</u>	<u>Parm 4</u>	<u>Parm 5</u>	
_	PRINT	001	EBBFINAL	1				
_	PRINT2	002	EBBFINAL	1				
Opt: 2=Edit Parm			9=Delete		F3=Exit			F6=Add Function

► **STEP 4**

Only the first five parameters for a routing function are displayed due to screen size limitations. To display additional parameters, enter 2 to edit parameters next to the function. The Entity/Function Farms Maint screen with all ten parameters displayed.

```

6027                               Entity/Function Parms Maint
Version . . . . DEMO1      Entity . . . 00002825   Sequences . . . 001
Select Key . . 00002006
Function . . . . . PRINT
Print Banner Page . Y Y/N
Entity/Rounting ID . 00002006
Parm 1 . . . . . EBBFINAL                OUTQ Name
Parm 2 . . . . . 1                        Number of Copies
Parm 3 . . . . . _____
Parm 4 . . . . . _____
Parm 5 . . . . . _____
Parm 6 . . . . . _____
Parm 7 . . . . . _____
Parm 8 . . . . . _____
Parm 9 . . . . . _____
Parm 10. . . . . _____

F3=Exit  F4=Functions

```

► **STEP5 :**

Edit the parameters as necessary. Press ENTER, then press F3 to return to the Select Key Maintenance screen.

8.0 Electronic BURST! & BIND! Monitor

8.1 About the Monitor

The monitor is a program that bursts, binds, and routes print files for the versions you set up. It does not run continually. It has a delay built in during which time it appears to sleep. After the defined interval (usually 60 seconds), it wakes up and checks for work. When the monitor is running, it will check each spool file in the EBBSTART output queue to determine if the file should be processed by EBB. If all criteria is met, it will process. If not, a message is generated. These messages can be viewed in the EBB message queue.

The setup file governs basic guidelines for all EBB versions on your system. This file sets the monitor delay time as well as the job queue, the output queues, and other default information. It is verified during the installation of EBB and can be modified as necessary. For information about modifying the setup file, see Maintain EBB Setup File in the *Electronic BURST! and BIND! Reference Guide*.

To allow the monitor successfully burst and bind your reports:

- A spool file must exist for EBB to process a report. Run the report to create the spool file in an output queue other than EBBST ART if you do not want the monitor to process the report immediately.
- If you create spool files initially in an output queue other than EBBSTART, change the spool file output queue to "EBBSTART" when you are ready to burst the report.
- The User Data attribute on the spool file must be identical to the version ID name.
- The spool file must be in "RDY" status before being processed by EBB.
- All version reports must be present before the monitor will process them.
- Limit the burst selection criteria to 90 characters. You can select more than one row to burst on but the total of all burst criteria must not exceed 90 characters.

When the monitor runs, it processes files that are in the EBBSTART output queue, in RDY status, with user data attributes that match the version ID and have burst criteria selected. At this point, the monitor processes files in which you have not yet preloaded select keys.

8.2 Move Spool Files to EBBSTART

Spool files created in an output queue other than EBBSTART require that the spool file output queue be changed to EBBSTART when you are ready to burst the report. Do not move the files to the EBBSTART output queue until you and your files are completely ready to be processed with EBB.

▶ **STEP 1**

From the *Electronic* BURST! & BIND! Menu, select Maintain EBB Versions.

▶ **STEP 2**

From the Maintain EBB Versions screen, enter 5 next to the version.

▶ **STEP 3**

From the Spool File Selection screen, enter the output queue in which your spool file(s) reside.

6015	Spool File Selection	OUTQ <u>QPRINT</u>
Bind Version .. DEMO1 EBB TEST VERSION		
Report001 DEMO_RPT1 EBB SPOOL		
Position To . . . _____		
<u>O</u>	<u>File Name</u>	<u>User</u> <u>Version</u> <u>File #</u> <u>Job</u> <u>Job#</u>
<u>2</u>	DEMO_RPT1	DEMO DEMO1 0002 EBB_RPT1
Opt:1=Select 2=EBBSTART 5=Display 7=Preload Select Keys F3=Exit F12=Previous		

▶ **STEP 4**

Enter 2 (EBBSTART) next to the first file.

▶ **STEP 5**

The file disappears from the screen because it has now been moved to the EBBSTART output queue.

Repeat step 4 for each spool file. When all files in the output queue have been moved to the EBBSTART output queue, the following message appears:

Version (Version ID) report was not found in this OUTQ

► STEP 6

Change the output queue name to EBBST ART, and press ENTER. The spool file(s) reappear.

8.3 Start the Monitor

The monitor processes spool files in the output queue EBBSTART in RDY status where the User Data attribute is identical to the version ID. The monitor delay time selected during setup determines how often the monitor will "wake up" and process spool files.

From the *Electronic* BURST! & BIND! menu, select Start EBB Monitor. If you have selected to start the monitor and no reports are being processed, END the monitor and restart it. If the monitor has been ended abnormally, the indicators used by the start program will not be reset and the monitor can not be restarted. Ending the monitor even though it is not active will reset these indicators.

8.4 End the Monitor

From the *Electronic* BURST! & BIND! menu, select End EBB Monitor. It is not always necessary to end the monitor, but keep in mind the following situations during which the monitor should be ended:

- When the system is to be IPL'd.
- During backup procedures affecting any files used by EBB.
- When you want to do maintenance on versions or select keys, and want to be sure the monitor doesn't process until you're ready.

When the monitor is ended, EBB is not active and spool files in EBBSTART will not be processed until the monitor has been restarted.

8.5 Display EBB Message Queue

From the *Electronic* BURST! & BIND! Menu, select Display EBB Message Queue. The monitor writes messages to this queue. If all spool files in the version are not in the EBBSTART output queue and in RDY Status, or burst criteria has not been selected, a message is written to the EBB message queue.

The following are examples of monitor messages:

```
EBB monitor started at 14:54:52 on 05129/98 by JOEU
No EBB version found for spool file with userdata: (Version ID)
EBB monitor ended at 16:28:12 on 05129/98 By JOEU
```

The following are examples of error messages:

```
All reports for version: (Version ID), must be in OUTO EBBSTART and in
Ready Status
```

EBB Spool File Not In Ready Status For Version 10: (Version ID)

Each message is written once only. If the monitor "wakes up" after a delay, it will not write the same message twice. It checks the message queue to see if the message exists before writing it again.

Fll removes a message on the line where the cursor appears.

F16 removes all messages. Be certain to do this occasionally, especially if a large number of files are pending to be processed.

Press F10 to display all messages. This includes messages regarding the starting and ending of the monitor (the time, date and by whom). These messages are repeated each time the monitor is started and ended.

8.5.1 Message Severity Level

The severity level filter of the message display lets you determine the messages you will see when you select Display EBB Message Queue from the *Electronic BURST!* And BIND! menu. To change the message severity level of messages to be displayed, change the severity level shown on the Display EBB Message Queue screen, and press ENTER. The change affects the CUIEnt inquiry only.

P60041	DISPLAY EBB MESSAGE QUEUE
Set message filter to: <u>00</u>	
F3=Exit	

A list of messages and their corresponding severity level appear in Appendix D of the Reference Manual.

8.6 EBB History Log

A History Log is maintained to provide information on the distribution of reports. This information is available in file F6004. This file contains a record of every function for each spool file processed by the monitor, similar to a cumulative Process Report for all versions.

The file includes the type of processing that occurred (attached Farm. Default or Error). select key. the output queue. output library name, output spool file name and sequence number, date and time it was Processed. user ID. the job namelnumber. and the version ID.

Because this file can quickly become very large, you can clear the log through a specified date. This should be done periodically.

► **STEP 1**

Select Clear History Log from the *Electronic BURST! & BIND!* menu.

6030	EBB History Log Maintenance	DEMO 2/15/94
Enter the Month, Day and Year through which the History Log will be cleared : <u>0/00/00</u>		
ENTER=Validate Parameters F3=Exit		

► **STEP 2**

The EBB History Log Maintenance screen appears. Enter the date through which the history log should be cleared. The date should be entered in MMDDYY format, numeric only.

► **STEP 3**

The following message should appear:

Parameters OK – press F10 to continue

If the date entered is coJTeCt, press F10. If not, re-enter the date. Press F10 to continue. The *Electronic BURST! And BIND!* menu appears.

8.7 EBB Process Report

Each time the monitor processes reports, it generates a process report that goes to the output queue EBBFINAL. Even if you have routed the reports to another output queue, EBBFINAL still receives the process report.

The process report is in HLD status. It describes the number of reports "Routed other than to Default", " Routed to Default Outq", or "Routed to Error Outq".

The report prints totals for the number of select keys with a print routing function attached, the number of reports sent to the setup default output queue, and the number of reports routed to an error output queue because new select keys were found when bursting the report. The error output queue will contain reports burst with no routing instruction. For example: A new cost center was added to a report after the original setup in EBB. No select key exists for that cost center. This is easily remedied for future reports by adding that select key with F6 on the Select Key Maintenance screen, or by running Preload Select Keys from the Spool File Selection screen before bursting.

Under the ENTER column will be the letters P, D, or E. P means parameters are attached (routing functions). D represents the default output queue, E is the error output queue. Notice that the OUTQ column displays the name of the output queue.

A sample of the report follows.

ELECTRONIC BURST & DEV

8014
KBB - Process Report

Version Name DEMO1
Version Description EBB TEST VERSION

ENTER* SELECT KEY	OUTQ	LIBRARY	SPOOL FILE NAME	NO.	DATE	TIME	USER
P	EBBFINAL	EBBDDTA	EBB0016215	0012	021694	103148	EBBUSER
P	EBBSTART	EBBDDTA	EBB0016216	0053	021694	103160	EBBUSER
D	EBBFINAL	EBBDDTA	EBB0016217	0104	021694	103161	EBBUSER
D	EBBFINAL	EBBDDTA	EBB0016218	0106	021694	103162	EBBUSER
D	EBBFINAL	EBBDDTA	EBB0016219	0104	021694	103153	EBBUSER
D	EBBFINAL	EBBDDTA	EBB0016220	0107	021694	103154	EBBUSER
D	EBBFINAL	EBBDDTA	EBB0016221	0005	021694	103156	EBBUSER
D	EBBFINAL	EBBDDTA	EBB0016222	0019	021694	103158	EBBUSER
D	EBBFINAL	EBBDDTA	EBB0016223	0010	021694	103157	EBBUSER
D	EBBFINAL	EBBDDTA	EBB0016214	0011	021694	103163	EBBUSER
D	EBBFINAL	EBBDDTA	EBB0016216	0012	021694	103159	EBBUSER
D	EBBFINAL	EBBDDTA	EBB0016218	0013	021694	103201	EBBUSER

ROUTING OUTPUT QUEUES

Routed other than to Default	0
Routed to Default Outq	10
Routed to Error Outq	0

*P=Params attached, D=Default, E=Error

9.0 Substitute Select Keys

9.1 About Substitute Select Keys

Substitute select keys let the user burst and bind reports by using information not contained in the spooled reports. This option helps in the following situations:

- The information that you would like to burst on is not printed on the report.
- Related, but not identical, information between two reports must be matched in order to bind the reports together.

Reports that are burst using this option have two select keys: the original select key, which is the select key set up on the report (using instructions in Section 5 of this publication, "BURST! Criteria"), and a substitute select key, which is information that does not appear on the report. The EBB version will then use the substitute select key for bursting and binding the report as if it appeared on the report originally.

The substitute select key option requires a cross-reference file (referred to as table number) between the original and substitute select keys before EBB can burst the report. Any EBB version can refer to any table number. If multiple reports in multiple versions need to be burst by using the same original and substitute select key combination, they can all refer to the same cross reference table. To make it easier to distinguish one burst report from another, the substitute select key can be printed on the burst reports.

9.2 Substitute Select Keys Instructions

This is the method of attaching a substitute select key to a version. This can be done before or after the cross reference table is built.

► STEP 1

From the *Electronic* BURST! & BIND! menu, select Maintain EBB Versions. The Maintain EBB Versions screen appears.

► STEP 2

Select the version ID by entering 1. The EBB Reports Selection screen appears. If a substitute select key already exists for a report, SK appears in the far right of the report's description field.

► STEP 3

Enter 2 in the option to enter the substitute select key instructions. The Substitute Key Maintenance window appears. From this window, you can add new substitute select key instructions or make changes to an existing instruction.

O	Change	Seq	
<u>P</u>	<u>Seq</u>	<u>Nu</u>	
—	—	0	
<u>2</u>	—	0	

60121 Substitute Key Maintenance

Rule Sequence Number: 002
Rebuild Cross Reference: —
Table Number: _____
Print Substitute Key?: _

Literal to Print: _____
Print Row: _ Print Position: _____ Print Length:

F3=Exit Enter=Update

► **STEP 4:**

Enter information in the following fields:

Rebuild Cross-Reference

Enter N (no). Future Enhancement.

Table Number

The name (up to ten characters) of the table the user creates in which the original key and substitute select keys are cross referenced. This field is required.

Print Substitute Key?

Enter either 'Y' or 'N' to indicate whether the substitute select key should be printed on the final output. This field is required.

Literal to Print

If you want to print the substitute select key on the report, enter the text (up to ten characters) for a header to be printed to the left of the substitute select key. The actual space used on the report is eleven spaces (includes a blank after the literal you designated).

Print Row

The row on which you want the substitute select key to appear. This field is mandatory if the Print Substitute Key? field is set to Y. Use a number between 1 and 99. If a literal has been entered, it will print to the left of the substitute

select key. Choose an area on the report where information will not be overlaid.

Print Position

The position in which the literal (if entered) and substitute select key will begin to print. This field is required if the Print Substitute Key? field is set to Y. Use a number between 1 and 191.

Print Length

The combined length of the literal (if entered) and a blank space plus the substitute select key that will appear on the report. This field is required if the Print Substitute Key? field is set to Y. Use a number between 1 and 191.

Press ENTER to update the substitute select key file

► **STEP 5**

Press F3 to exit the window. After you press ENTER again, the SK will be displayed at the end of the description field on the EBB Reports Selection screen.

6012	EBB Reports Selection					
EBB Version- DEM01EBB DEMO VERSION						
0	Change	Seq				
<u>P</u>	<u>Seq</u>	<u>Number</u>	<u>TY</u>	<u>Form/Group</u>	<u>Name/Vers</u>	<u>Description</u>
-	-	002	S	DEMO_RPT2	EBB_RPT2__	SPOOL
-	-	002	S	DEMO_RPT3	EBB_RPT3__	SPOOL SK
Opt: 1=Burst Criteria 2=Sub Key 9=Delete F3=Exit F6=Add JDE F8=Add Splf						

9.3 Build the Substitute Select Key Cross Reference

A DREAM Writer version of P6008 must be set up for each cross reference table prior to processing the EBB version ID. Before building the Substitute select key Cross Reference, you should be familiar with the reports, version and file information.

▶ **STEP 1**

Display the DREAM Writer Versions List screen.

▶ **STEP 2**

Enter 'P6008' for the form ID.

▶ **STEP 3**

Enter 3 on a blank option line to add a version on the Reports by Address screen.

98301	Version Identification	Form ID . . . P6008 Version . . . 021
Version Title	_____	
Optional Reports title	_____	

▶ **STEP 4**

Enter the DREAM Writer version title (for example, Company to Cost Center) on the Version Identification screen.

▶ **STEP 5**

The Additional Parameters screen appears. The Based on File field must be set to the file that contains the original select keys as well as the substitute select key. Enter in the file name.

983011	Additional Parameters	Form ID . . .
P6008		Version 021
VERSION NAME		
Based on File	<u>F0006</u>	Based on Member <u>*ALL</u>
Processing Overrides		
Print Cover Page (Y/N). . . .	<u>Y</u>	Print Instructions (Y/N) <u>N</u>
Mandatory Processing Option . .	<u>Y</u>	..... User
Exclusive 0/1/2/3)	<u>0</u>	
Job Queue	<u>*JOB0</u>	Hold on Job Queue (Y/N). . . <u>N</u>
Format Name	<u>I</u>	Output Media <u>RPT</u>
Job to Execute	_____	File Output Enter <u>1</u>
Enter Report Totaling	<u>1</u>	Override Logical File _____
Open Query File Options		
Optimize Option(1/2/3)	_____	
Sequential Only(Y/N).....	_____	
Open for Output(Y!N).....	_____	
Open for Update(Y/N).....	_____	
Open for Delete(Y/N)	_____	

Note: If you make a cbaDge in the based on me, you may need to delete and re-add the data sequence setup records, to get the correct file name on their internal keys.

► **STEP 6**

The Processing Options Revisions screen appears. Enter the table nwnber (up to ten characters) that you have assigned to this substitute select key table. This table should be named logically. For example, you could use the name CC_CMPY for cost center to company.

98312
P6008

Processing Options Revisions

Form ID . . .

Version . . . 021

VERSION NAME

This job has various options described below Enter the desires values
and
press ENTER to continue

Enter the Table Number for this group
of Substitute Select Keys

DEMO

F5=Printer Overrides

► **STEP 7**

The Data Selection screen appears. Press ENTER to continue because data selections are not used by substitute select keys.

► **STEP 8**

The Data Sequence Set-up screen appears.

98303
P6008

Data Sequence Set-up

Form ID . . .

Version . . . 021

VERSION NAME

<u>Description</u>	<u>Seq</u>
<u>Table Number</u>	___
<u>Original Key</u>	___
<u>Substitute Key</u>	___

F4=Extra Data F5=Updt w/Redisplay F16=Display All Data Fields

From this screen, locate the field that represents the original select key and enter a sequence number. If there are multiple fields that make up the original select

98300

Versions List

Form ID P6008

Skip to Version: _____

<u>O</u> <u>Version</u>	<u>Description</u>	<u>User</u>	<u>Chg Date</u>
_ EBB001	VERSION Name	DEMO	02/15/94

Opt:1=Run 2=Chg 3=Add 4=Rpt Dist 5=Cover 6=Prt Ovr 8=Repair 9=Dlt F13=Form

9.4 ReBuild the Substitute Select Key Cross Reference

The select keys can change periodically on a report and in order to ensure that the cross reference table reflects the changes, it should be rebuilt. This would be necessary if either the original or the substitute select keys are changed.

NOTE: If select keys have been changed added, you also must either follow procedures to add new select keys or preload select keys (see Section 6 of this publication. "Select Keys").

From the *Electronic BURST! & BIND!* Menu, select option 10 to rebuild the cross reference.

NOTE: The Cross Reference Index must be cunct forthe "Based-On File' . If you have problems running the Rebuild Substitute Table, run the "Rebuild X-Refindex' for the "Based-On File'.

9.5 Maintian Substitute Select Key

If you want to change the substitute select key, change the name of the cross reference table linked to the version. You can also change the instruction to rebuild the cross reference each time, or you can change the printing of the substitute select key by following this procedure.

► **STEP 1**

From the *Electronic BURST! & BIND!* menu, select Maintain EBB Versions. The Maintain EBB Versions screen appears.

► **STEP 2**

Select the version ID by entering 1. The EBB Reports Selection screen appears. Since a substitute select key already exists, SK appears in the far right of the report's description field.

► **STEP 3**

Enter 2 in the option to enter the substitute select key instructions. The Substitute Key Maintenance window appears. From this window, you can add new substitute select key instructions or make changes to an existing instruction.

60121	Substitute Key Maintenance
Rule Sequence Number:	002
Rebuild Cross Reference:	_
Table Number:	_____
Print Substitute Key?:	_
Print Row:	__
Print Position:	__
Print Length:	__
F3=Exit	Enter=Update

► **STEP 4**

Change the information in these fields as appropriate.

Rebuild Cross-Reference

Enter N (no). Future Enhancement

Table Number

The name of the cross reference. This field is required.

Print Substitute Key?

Enter either Y or N to indicate whether the substitute select key should be printed on the final output. This field is required.

Literal to Print

The text (up to ten characters) for a header to be printed to the left of the substitute select key.

Print Row

The row on which you want the substitute select key to appear. This field is mandatory if the Print Substitute Key? field is set to Y. Use a number between 1 and 99.

Print Position

The position in which the literal (if entered) and substitute select key will begin to print. This field is required if the Print Substitute Key? field is set to Y. Use a number between 1 and 191.

Print Length

The combined length of the literal (if one is entered) and a blank space plus the substitute select key that will appear on the report. This field is required if the Print Substitute Key² field is set to Y. Use a number between 1 and 191.

Press ENTER to update the Substitute select key file.

► **STEP 5**

Press F3 to exit the window. Press F3 until you return to the *Electronic BURST!* And *BIND!* menu.

9.6 Substitute Select Key Examples

Several circumstances exist in which the substitute select key option could be used. In the first example, we need to bind reports based on criteria that doesn't appear on the report.

Our company has cost centers organized into divisions with multiple cost centers in each division. A report is run by cost center each month using fifteen different DREAM Writer versions, each selecting one division. The cost center number prints on the report but the division code does not. The reports are sent to the managers of each division.

The substitute select key option lets the user run the report one time, selecting all fifteen divisions so that EBB will burst the report by division and route the resulting reports to the appropriate division managers. To do this, a cross reference table is built between the cost center number and the division code. The division code is the substitute select key. Then the substitute select key instructions were followed to link the cross reference table to the EBB version.

In a second example, multiple reports need to be bound together but the data we want to use doesn't appear on one of the reports.

A report (report 1) is generated for all expenses in each cost center, and a separate report (report2) is generated for sales in each division. The division code doesn't appear on report 1, but the company would like to distribute both reports to the division managers.

Report1 requires a substitute select key for division code, so the linkage to the cross reference table between the cost center (the original select key) and the division code (the substitute select key) needs to be set up. Report2 requires only the setup of the division code as the select key on the report.

The cross reference table used in this example would be the same table used by the previous example.

Appendix A

Glossary

Based on File	The file name specified in the definition of the cross reference that contains the fields used as the Original and Substitute select keys. Bot of the key fields must be located in the same file.
Bind	Creation of a new spool file from one or more where common data in the Burst Area is found. When more than one report is included in a version ID, each report is burst and a bind is intended. A bind occurs when identical data appears on the following report(s).
Bind Criteria	The matching of select keys used to combine burst reports contained in a version ID.
Burst	The separation to a new page within a spool file when data in a chosen area is unlike data on the previous page in the same area of the report. A burst creates a new spool file from a portion of the original one each time unlike data appears.
Burst Area	The physical location (line number, column number and length) on the report that contains the select key data.
Cross Reference	The file (F6008) which links Original select keys to Substitute select keys based on the data in the 'Based On' File.
Duplicate Version	An EBB version that uses a Model version for its select keys and Routing Functions.
Entity Number	An internally assigned number used by the system to uniquely identify a select key.
Function	The routing instruction, including number of copies, routing ID text on the banner page, and other changes and additions to the default setup, applied to an individual spool file after it is burst and/or bound. It is a CL command string which must follow certain criteria (i.e., cannot use reserved words and must end with a '%'). See Routing Function.
Monitor	The program running in batch (submitted as the 'wake up' period designates) that checks for spool files in the EBBSTART output queue. When all spool files for a version are found and certain criteria is met (all spool files defined in the version are in EBBSTART, in RDY status, and the preload information is correct for those reports in the version), bursting/binding occurs.
Original Select Key	The select key set up on a report which is linked to a Substitute select key. This key represents data that is printed on he report.
Preload	The process of recording the select key text appearing in the burst area which is located when the selected spool file is scanned. The select keys are unique, never duplicated, during the preload process.
Routing Function	A print or output destination instruction or CL command, such as a Copy, used to process the output of burst and bound reports. See Function.
Select Key	The unique text found in the total of all burst area on a report. The key is a 1-90 bytt area (or total of multiple areas) of report text used by the monitor for comparison during the burst process. A spool file page is burst when the text in the selected criteria does not match the same select key on the following page. It is also used to bind multiple reports in a version together.
Substitute Select Key	The field to be use din lieu of the (Original) select key defined on a report for Burst and Bind Criteria when a cross reference is linked to a report in a version. This key is a field that is not printed on the report.
Table Number	The name assigned to the cross reference use dto link Original and Substitute select keys. The table number is defined using DREAM Writer form P6008 and referenced in the version ID setup.
User Data Attirbute	An attribute of a spool file which identifies an EBB version ID to the monitor when it is nin EBBSTART output queue and in Ready status. It must match the EBB version name ; it must be upper case and left-justified. The attribute can be changed by the user (with WRKSPLF) or by Printer Overrides on JDE reports.
Version ID	A unique name used in the EBB system to identify a specific set of instructions for bursting, binding and/or routing a spool file or a number of spool files. It also

	identifies the selected burst criteria and routing functions assigned to the select keys.
--	---