



Multi-Bin Processing For MAS 90/200

457 Palm Drive
Glendale, CA 91202
818-956-3744
818-956-3746
sales@iigservices.com

www.iigservices.com



Information in this document is subject to change without notice. No part of this document may be reproduced or transmitted in any form or by any means, electronic or mechanical, for any purpose without the express written consent of Information Integration Group, Inc.

TRADEMARKS

MS-DOS and *Windows* are trademarks of Microsoft Corporation.

MAS 90, MAS 90CS, MAS 90W and MAS 200 are registered trademarks of Sage Software, Inc.

All other product names and brand names are service marks, and/or trademarks or registered trademarks of their respective companies.

Table of Contents

<i>Installation Instructions and Cautions</i>	3
<i>Introduction</i>	6
Multi-Bin Processing Options	6
Bin Code Maintenance	11
Wave Replenishment	13
Wave Replenishment Printing	15
Setting Up a Default Bin	20
Warehouse Code Maintenance	21
Bin Distribution Entry	24
Printings	28
Picking Sheet Printing	28
Bar Code S/O Picking Sheet Printing	29
Physical Count Entry	31
Multibin Physical Count Entry	32
Physical Count Worksheet	33
Physical Count Variance Register	34
Inventory Maintenance	35
Inventory Inquiry	37
Sales Order Entry	40
Sales Order Bin Distribution	46
S/O Invoice Data Entry	52
Production Entry	55
Disassembly Entry	58
Return Merchandise Authorization	59
IIG Automatic Bin Importer	60
Bin Label Printing	62
Bin Status Report	64
Inventory Qty On Hand Balancing For Multi-Bin	66
Daily Sales Reports/Updates	70
Bin Transfer Entry	71
Bin Transfer Register	73
Auto Generate Invoice Selection	75

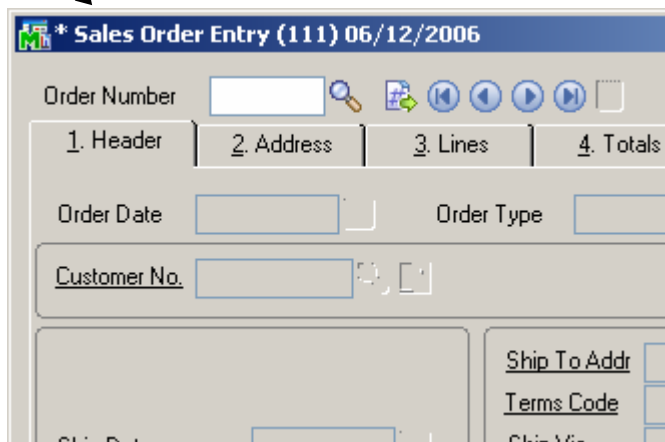
Installation Instructions and Cautions

PLEASE NOTE: MAS 90 must already be installed on your system before installing any IIG enhancement. If not already done, perform your MAS 90 installation and setup now; then allow any updating to be accomplished automatically. Once MAS 90 installation and file updating is complete, you may install your IIG enhancement product by following the procedure below.

Wait! Before You Install – Do You Use CUSTOM OFFICE?

THIS IS AN IMPORTANT CAUTION: If you have Custom Office installed, **and** if you have modified any MAS 90 screens, you must run **Customizer Update** after you do an enhancement installation.

But wait! BEFORE you run **Customizer Update**, it is very important that you **print all of your tab lists**. Running **Customizer Update** will clear all Tab settings; your printed tab list will help you to reset your Tabs in Customizer Update. **Custom Office** is installed on your system if there is an asterisk in the title bar of some of the screens. The asterisk indicates that the screen has been changed.



An **asterisk** in a window's title bar indicates that the screen has been modified. This means that **Custom Office** is installed.

Follow all the instructions on this page before you run **Customizer Update!**

Registering IIG products

IIG Enhancement should be registered to be able to use it. If registration is not performed, the enhancement will work in a demo mode for a limited time period. The registration can be still done during the demo period.

Select the **IIG Product Registration** program under the **Library Master Setup** menu of the MAS 90.

If this option is not listed under the Library Master Setup menu, go to the main menu, and select **Run** from the **File** menu. Type in SVIIGR and click **OK**.

The screenshot shows the 'IIG Master Developer Enhancement Registration' dialog box. It features several input fields for registration details. Below the input fields is a table with the following data:

Enhancement	Level	Release Date	Serial Number	Unlocking Key
IIG Enhancement Name	4.20	Release Date	AAAAAAAAAAAAAAAAAA	BBBBBB

At the bottom of the dialog, there are buttons for 'Print Registration Form', 'Close', and 'Undo'. The status bar at the bottom right displays 'IIG ABC 5/29/2007'.

Enter **Serial Number** and **Unlocking Key** provided by IIG, and click **OK**.

If multiple IIG Enhancements are installed, Serial Numbers and Unlocking Keys should be entered for each enhancement.

Use the **Print Registration Form** button to print IIG Registration Form.

ODBC Security

After installing an **IIG Enhancement**; it is **very important to verify** whether or not the **Enable ODBC Security within Role Maintenance** check box is selected in the **System Configuration** window of your system. If it is selected you must assign ODBC security permissions and allow access to custom data tables/fields for the Roles defined in your system.



ODBC Security

Enable ODBC Security within Role Maintenance

Introduction

The IIG's Multi-Bin Processing Enhancement allows users to work with multiple bins in warehouses for processing items.

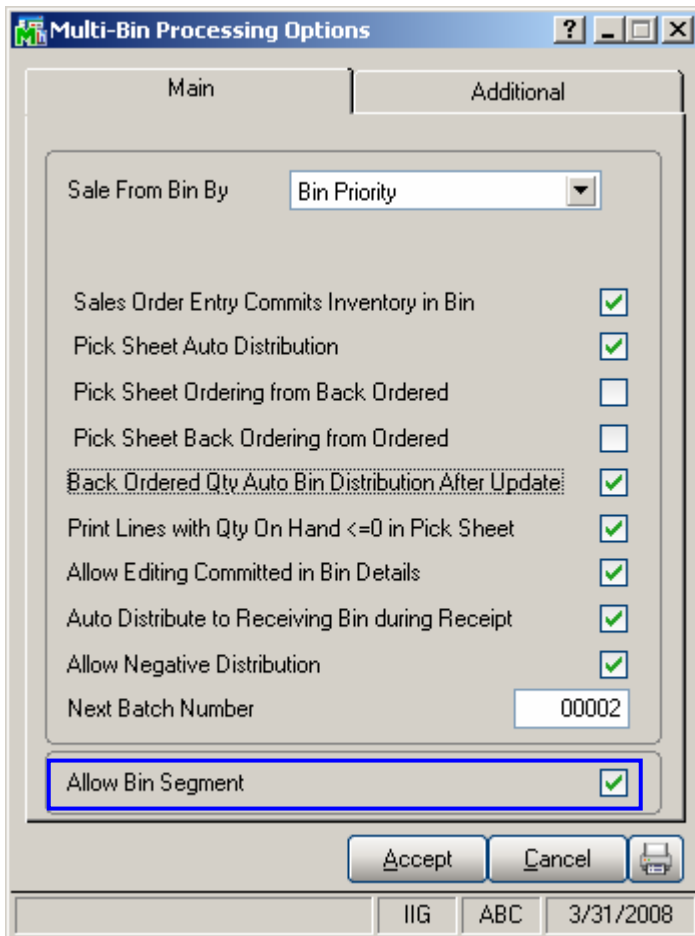
Multi-Bin Processing Options

Select **Multi-Bin Processing Options** from the **Inventory Management Setup** menu.

Run the **Multi-Bin Processing Options** program immediately after the Multi-Bin Processing enhancement is installed. The **Multi-Bin Processing Options** program must be run also when data is copied from a company to a one that is newly created.

This program should be run in order to create all the required files and to extend existing files as required for set-up of Multi-Bin Processing.

Running the program will avoid the creation of error conditions related to installation.



The **Sale From Bin By** option enables auto distribution in MAS 90. This means that MAS 90 will distribute items by bin location during Sales Order and Invoice Processing based on the options selected in this drop-down box.

Available options are the following:

None: Disables the feature.

Receiving Date: The program will process items by receiving date.

Smallest Quantity On Hand: The program will distribute items by the smallest available quantity.

Bin Priority: The program will distribute items by bin priority.

Check the **Sales Order Entry Commits Inventory in Bin** box to enable distribution by bin during Sales Order. Entry

will then be transferred into the invoice during Sales Order Invoicing.

***Note:** Do not change this option after entering any information on SO. It will produce a wrong calculation on committed quantity on bin locations.*

Check the **Pick Sheet Auto Distribution** box to have items distributed automatically in the Picking Sheets instead of Sales Orders. Note that if this option is selected, a Pick Sheet should be printed before invoicing an order. Invoice cannot be entered if the item is not distributed.

The **Pick Sheet Ordering from Back Ordered** and **Pick Sheet Back Ordering from Ordered** check boxes are available only if the **Pick Sheet Auto Distribution** box is checked.

Check the **Pick Sheet Ordering from Back Ordered** box to allow auto distributing from back ordered quantity, if there is quantity available to distribute, and moving that distributed quantity to quantity ordered.

Check the **Pick Sheet Back Ordering from Ordered** box to allow moving to back ordered the quantity from ordered, if there is no quantity available to distribute.

Check the **Back Ordered Qty Auto Bin Distribution After Update** box to enable Auto Bin Distribution for the Back Orders creating during update.

Check the **Print Lines with Quantity On Hand <= 0 in Pick Sheet** box to include lines with Quantity On Hand less or equal to zero in the Pick Sheet Printing.

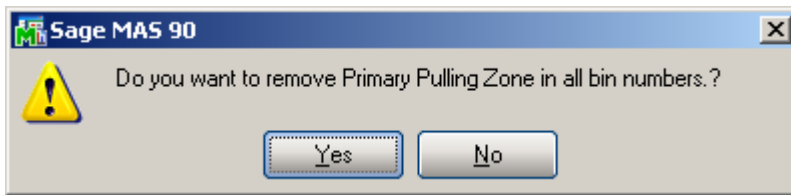
Check the **Allow Editing Committed in Bin Details** box to enable changing the Committed Quantity in the **Bin Distribution Details** screen of the **Inventory Maintenance** program. The editing is allowed only for the users with Supervisor rights.

Check the **Auto Distribute to Receiving Bin during Receipt** box to enable automatic distribution of the quantities received to the special **Receiving Bin** specified for each **Warehouse**.

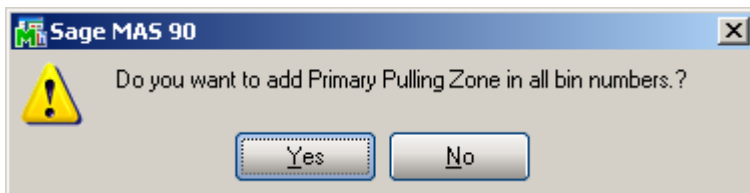
Select the **Allow Negative Distribution** option to enable distribution of negative quantities in Sales Order, Invoice Data Entry and wherever the Quantities are committed.

The **Next Batch Number** field indicates the batch number to be assigned to the Bin Transfer when processing transfers through the I/M Bin Transfer Entry.

If the **Allow Bin Segment** checkbox is not selected, then after pressing Accept the following message box will be displayed:



If the **Allow Bin Segment** checkbox is selected, then after pressing Accept the following message box will be displayed:



The **Additional** tab has been added to the **Multi-Bin Processing Options** program to allow specifying the **Bin Number** according to **Zone** and three **Segments**. The Segments define how the Bin Location is defined.

The screenshot shows the 'Multi-Bin Processing Options' dialog box with the 'Additional' tab selected. The 'Zone' section has a checked 'Zone' checkbox, 'Primary Pulling Zone' set to 'A', 'Overstock Zone' set to 'B', and 'Segment Count' set to '3'. The 'Segments' section contains a table with 3 rows and 4 columns: 'No.', 'Size', 'Description', and 'Sorting in Wave Picking'. The table data is as follows:

No.	Size	Description	Sorting in Wave Picking
1.	1	Aisle code	1 Ascending
2.	3	Row code	2 None
3.	5	Level code	3 Descending

At the bottom of the dialog are 'Accept', 'Cancel', and a printer icon. The status bar at the very bottom shows 'IIG ABC 7/23/2008'.

The Bin Number consists of 10 digits where the first one is the **Zone**, and it can be one of the following 38 characters (blank (none), from 1 to 9, and from A to Z). The rest 9 digits are divided among the three Segments.

By default, the **Zone** box is unchecked, corresponding to blank Zone, to allow grouping already existing Zones. If the **Zone** box is checked, current Zone will be added to the Bin.

The **Segment Count** can have up to 3 Segment Nos.

The total **Size** of the segments is 9. The **Size** field can be edited.

By default the Descriptions of the Segments are Aisle code, Row code and Level code, but they can be modified.

The **Sorting** field allows sorting the **Segments** by the following criteria: **Ascending**, **Descending** and **None**.

Bin Code Maintenance

The **Bin Code Maintenance** program has been modified to allow specifying the **Bin Number** by **Zone** and **Segments**.

The **Bin Code** has been modified to conform to the Bin Location segment processing.

Bin Code Maintenance

Warehouse Code 000 CENTRAL WAREHOUSE

Bin Code B -- 0 -- 100 -- 10002

Description 00000000000002

Priority Code 02 Bin on Hold for None

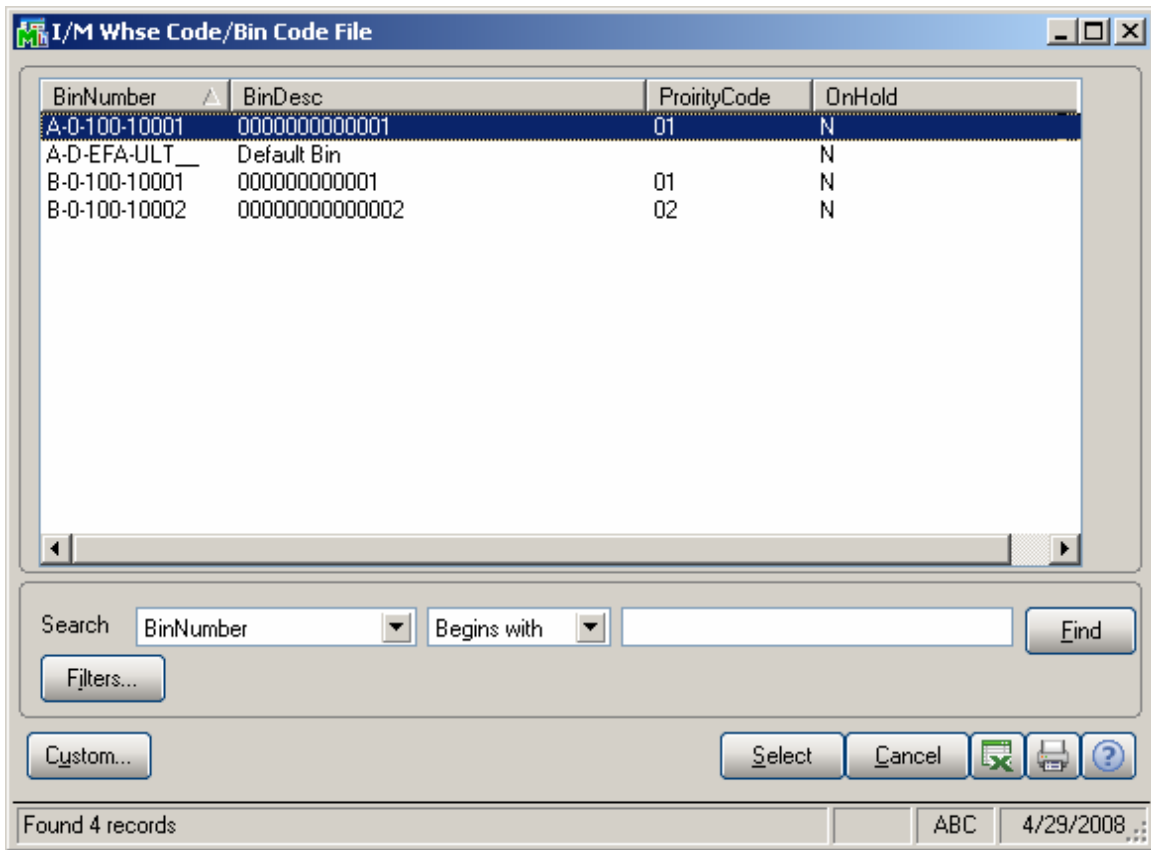
Bin Type Regular

Accept Cancel Delete

ABC 4/29/2008

The **Bin Type** can be specified in the corresponding field.

Click the **Lookup** button to display the **I/M Whse Code/Bin Code File** screen.



Wave Replenishment

The **Replenishment...** button has been added on the **Quantity on Hand & Reorder** screen to allow specifying the necessary quantities for the selected Item in the current warehouse. The button will be shown only for the Bin Warehouses.

The screenshot shows the 'Quantity on Hand & Reorder' window. At the top, the 'Replenishment...' button is highlighted with a blue circle. Below it, the 'Item No.' is 1001-HON-H252 and the 'Warehouse Code' is 001 (EAST WAREHOUSE). The 'Bin Location' is E-300-10. The 'Reorder Method' is set to 'Maximum Stock Level'. The 'Economic Order Qty' is 10.00, 'Reorder Point' is 5.00, 'Minimum Order Qty' is 5.00, and 'Maximum On Hand' is 20.00. The 'Item Inventory Status' table is as follows:

Item Inventory Status	
Unit of Measure	EACH
Qty on Hand	0.00
Qty on Purch Order	0.00
Qty on Sales Order	4.00
Qty on Back Order	0.00
Qty Req for Work Order	0.00
Qty on Work Order	0.00
Total Qty Available	4.00
Qty in Shipping	0.00
On Hand less in Shipping	0.00

Click the **Replenishment** button.

The **IIG WMS Wave Replenishment Quantity** screen will be opened to allow entering the quantities for each bin.

The **Overstock Qty** is the sum of the Qty-s Per Bin.

IIG WMS Wave Replenishment Quantity

Item No. 1001-HON-H252 HON 2 DRAWER LETTER FLE W/O LK
 Warehouse Code 001 EAST WAREHOUSE
 Unit of Measure EACH
 Overstock Qty 240.00
 Minimum Qty 5.000% 12.00

Bin Location A-A-AAA-A1001
 Description Original bin location
 Qty Per Bin 55.00

Bin Location	Lot/Serial Number	Description	Qty
A-A-AAA-A10...		Original bin location	55.00
A-A-AAA-A20...		Original bin location	100.00
A-A-AAA-A20...		Original bin location	85.00

Buttons: Ok, Undo, Del, Close

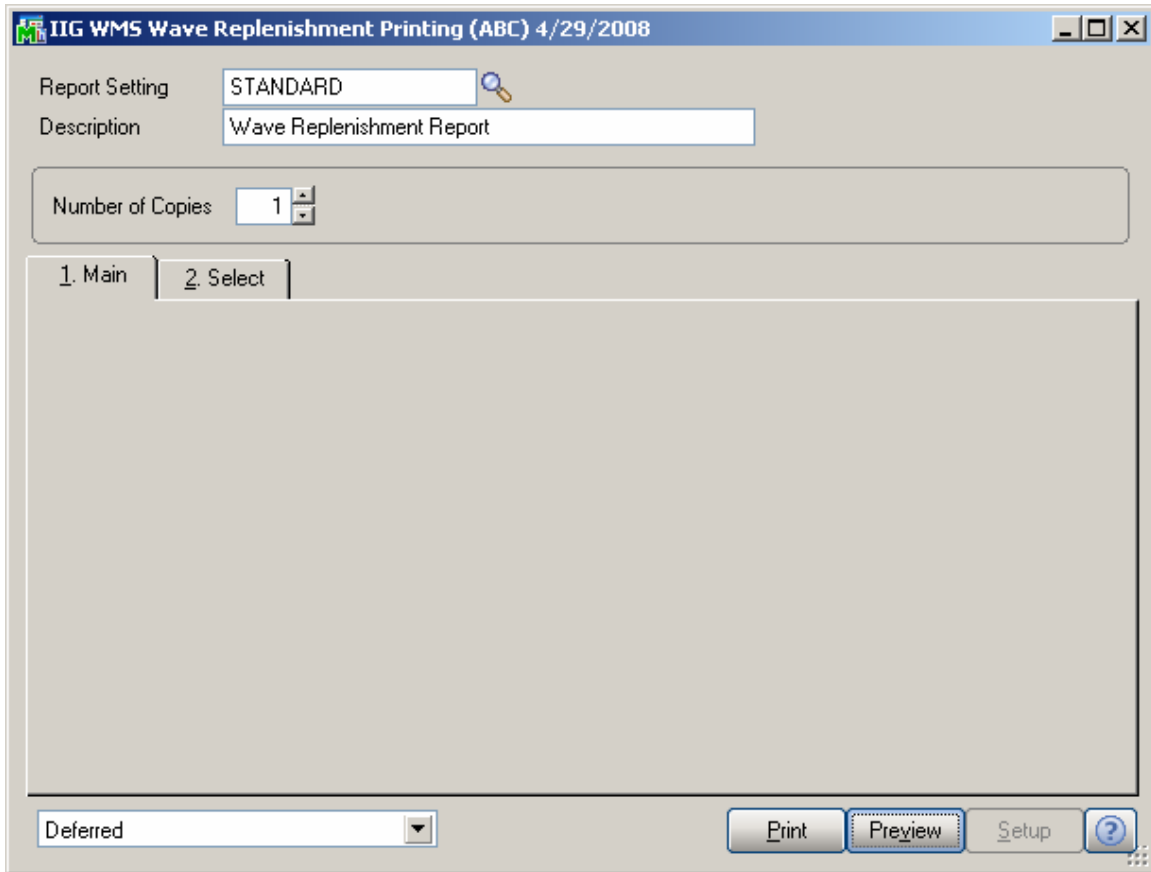
The **Minimum Qty** in percentage (%) is the minimum data precision and the Minimum quantity is equal to Overstock Qty* %.

The Replenishment report will be printed if the **Qty on Hand** of the item in the selected warehouse becomes less than the difference between the **Overstock Qty** and **Minimum Qty** and the quantities will be adjusted by the **Overstock Quantity**.

Only the Bins with the first character of their Bin Code matching with the character of Primary Pulling Zone field specified in the Multibin Processing Options will be included. All other Bins previously entered with first character different from the Primary Pulling Zone field will be displayed in red and will be skipped in the Replenishment report.

Wave Replenishment Printing

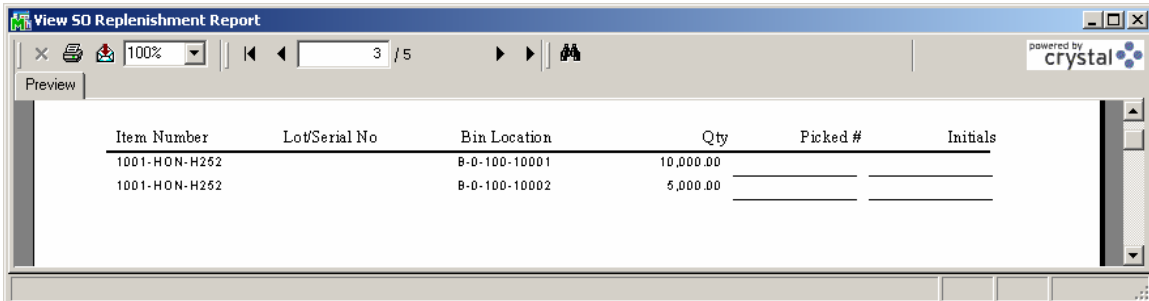
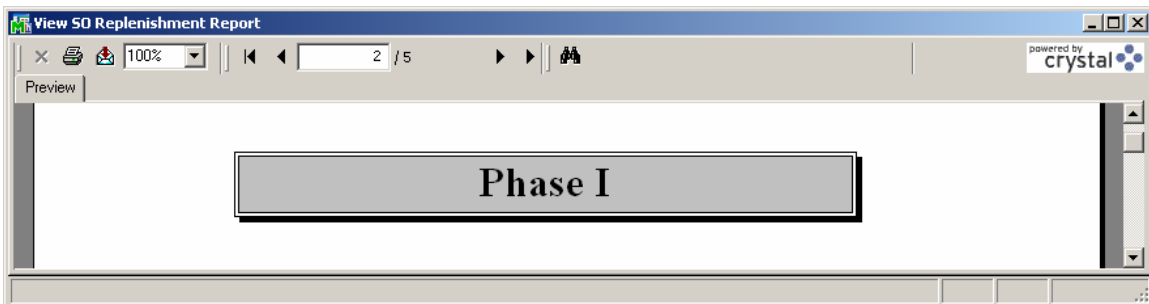
The **Wave Replenishment Printing** program has been added under the **Sales Order Main** menu to allow wave replenishment printing.



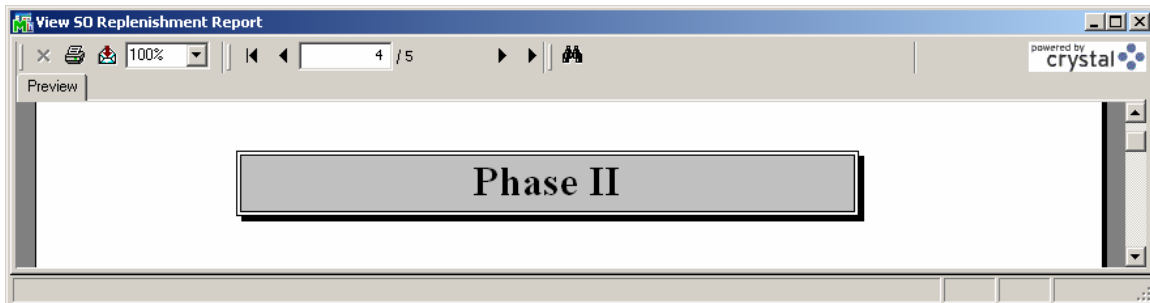
The report is printed in 2 phases:



In **Phase I**, report is generated by **Aisle** from the **Overstock Zone** based on the stock needed to replenish the **Pulling Zone**.



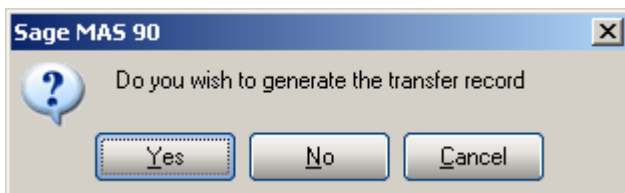
Phase II displays the item quantities that will be transferred to the corresponding bins of the Pulling Zone.



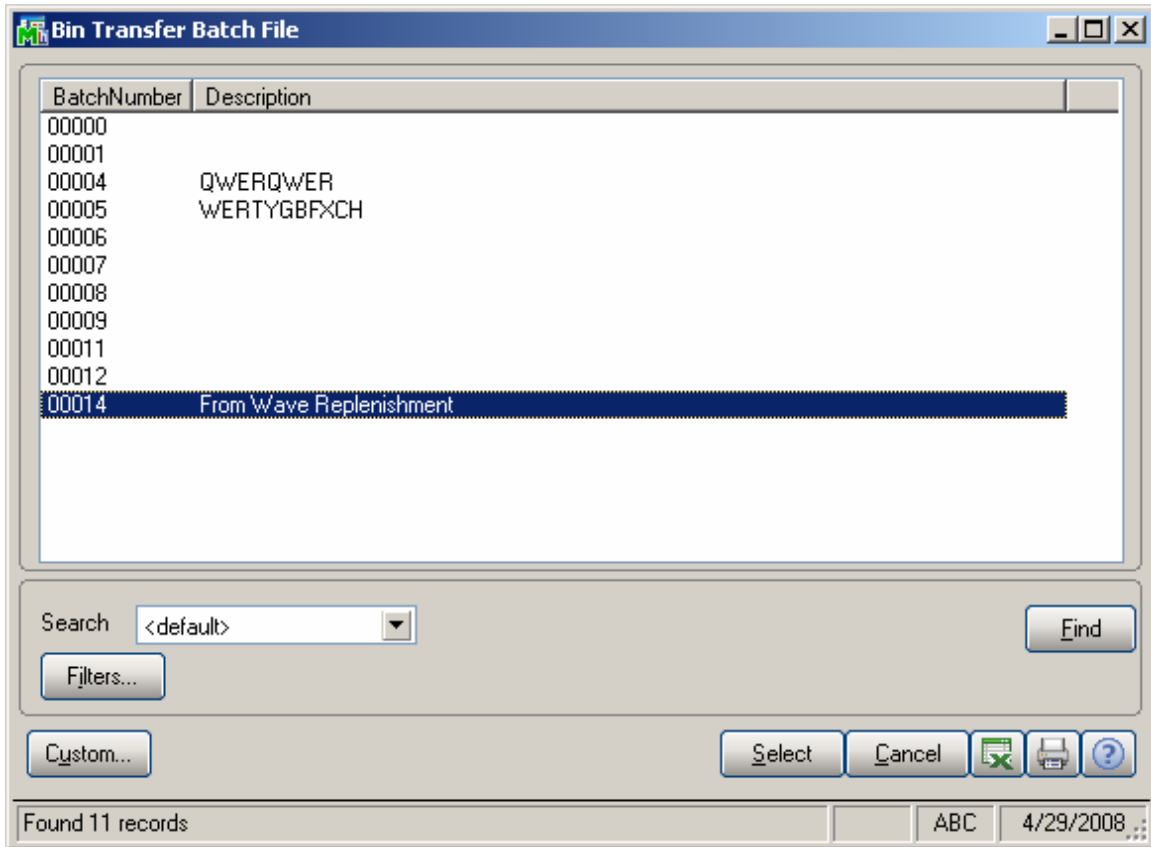
The screenshot shows the same window as above, but now displaying a table with the following data:

Item Number	Lot/Serial No	Bin Location	Qty	Picked #	Initials
1001-H0N-H252		A-0-100-10001	15,000.00		

When closing report, the following box will be displayed to allow choosing whether or not to generate the transferred records.



After selecting Yes, a new batch will be generated in **Bin Transfer Entry** where Bin transfer records will be generated.



Bin Transfer Entry

Warehouse Code: 000 CENTRAL WAREHOUSE

Item Number: 1001-HON-H252 HON 2 DRAWER LETTER FLE W/O LK

From bin: B-0-100-10001

Quantity to Transfer: 10000.00 Available Quantity: 0.00

To bin: A-0-100-10001

OK Undo Del

Whse	Item Number	Lot/Serial	From Bin	Qty	To Bin
000	1001-HON-H252		B-0-100-10001	10000.00	A-0-100-10001
000	1001-HON-H252		B-0-100-10002	5000.00	A-0-100-10001

Keep Warehouse Keep Bin Keep Item Batch: 00014

Select All Unselect All Del. sel. lines Cancel Print

ABC 4/29/2008

Setting Up a Default Bin

The SWBINI program should be run before starting to use the Multi-Bin Processing enhancement, for each Company.

If Multi-Bin Processing enhancement has not been used on the system before, the program will mark all the Warehouses as Using Bins, create Default Bin in each Warehouse, and put all the quantities available on hand into those Default Bins.

If Multi-Bin Processing has been used in lower versions of MAS (3.xx, 4.00), the program will mark all the Warehouses as Using Bins, leaving the existing Bins and quantities in them intact.

The SWBINI program should be run for each Company prior to making Multi-Bin-specific changes in that Company (warehouses, bins maintenance).
The program run at any time will not corrupt any data.

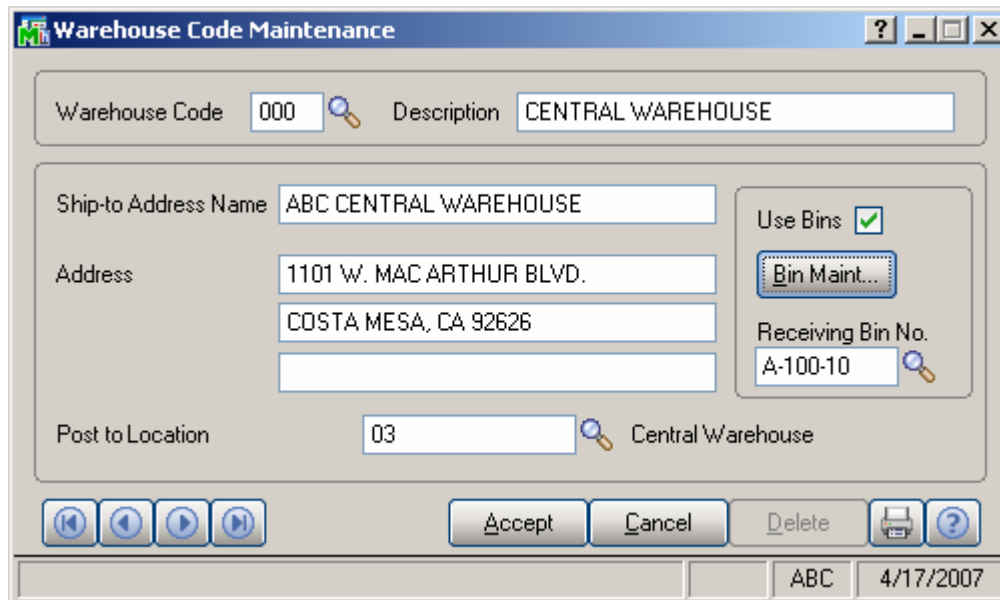
Before running SWBINI program please make sure:

1. Inventory Transaction journal is updated.
2. Inventory Physical Count Variance Register is updated.
3. Sales journal is updated.
4. Receipt journal on PO module is updated.
5. Return journal on PO module is updated.
6. Production Entry journal on BOM module is updated.
7. Disassembly journal on BOM module is updated.

Select the **Run** option from the **File** menu. Type in the following letters – SWBINI – and click **OK**.

Warehouse Code Maintenance

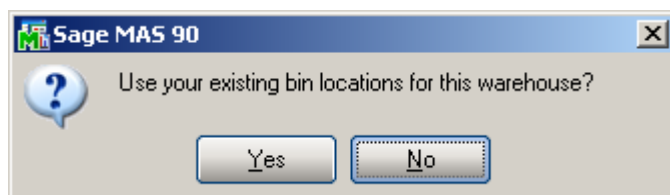
Select the **Warehouse Code Maintenance** program under the **Inventory Management Setup** menu.



Check the **Use Bins** box to start using the Bins for the selected Warehouse. The **Bin Maintenance** and the **Receiving Bin Number** options are available only for Warehouses using Bins.

No Bin Processing functionality is available for Warehouses not Using Bins.

When selecting the **Use Bins** option the following message box appears:



If **Yes** is selected, the program checks if there is Bin Location for the Warehouses then uses that one; otherwise it creates a Default bin.

If **No** is selected, then Bin creates by default.

Note that if the **Use Bins** option is cleared for a **Warehouse**, the entire **Bin Information** (Bin Numbers, Item Quantities for Bins) will be cleared, and you will not be available to restore it.

Click the **Bin Maintenance** button to open the **Bin Code Maintenance** screen for the selected warehouse.

After setting up Bins for the Warehouse, you can select the **Receiving Bin Number**, if the **Auto Distribute to Receiving Bin during Receipt** box is checked in the **Multi-Bin Processing Options**.

If the **Auto Distribute to Receiving Bin during Receipt** box is checked, and there is Receiving Bin specified for the Warehouse, items will be automatically distributed to that Bin when receiving with the **Receipt Of Goods** program.

The **Bin** selected as **Receiving Bin**, cannot be deleted from the **Bin Maintenance**.

Bin Code Maintenance

Warehouse Code 000 CENTRAL WAREHOUSE

Bin Code A-100-10 Description Receiving Bin

Priority Code 01 Bin on Hold for None

Accept Cancel Delete

ABC 4/17/2007

The **Priority Code** is used for auto-distribution by **Priority**.

The selected **Bin** can be set **on Hold**, preventing from either automatic or manual distribution to that bin, during **Sales, Receiving, or Both**.

None means the Bin can be used for distribution freely.

Bin on Hold for Sales means it is not available (in the lookups and for manual entry) and cannot be used

throughout the **Sales Order module** and in the **I/M Sales Transactions**.

Bin on Hold for Receiving means it is not available (in the lookups and for manual entry) and cannot be used throughout the **Purchase Order module** and in the **I/M Receipts Transactions**.

Bin on Hold for Both means it is not available and cannot be used for either **Sales** or **Receiving**.

Bin Distribution Entry

You should distribute items in the **Bin Distribution Entry** screen, for the **Warehouses Using Bins**, from the following MAS 90 programs:

- Inventory Transactions
- Sales Order Entry (optional depending on the MBN Setup setting)
- Sales Invoice Entry
- Shipping Entry
- Purchase Order Receipt of Goods Entry
- Purchase Order Return of Goods Entry
- Return Merchandise Authorization Entry
- Return Merchandise Receipt Entry
- Bill Of Materials Production Entry
- Bill Of Materials Disassembly Entry
- Work Order Transaction Entry (Material Issue and Completion types)

Item 1001-HON-H252 HON 2 DRAWER LETTER FLE W/O LK U/M EACH

Bin Number	Available	Receive
A-D-EFA-ULT__	53.00	50.00

Bin Number	Available	Distribute
A-D-EFA-ULT__	3.00	50.00

Distribution Balance 0.00

The **Bin Distribution** screen is not available in any program for the Warehouses not Using Bins.

For this screen opened from the Receipt of Goods, Transactions Entry (for Receipts and Transfers transaction types), Return Merchandise Receipt Entry, Bill of Materials Disassembly Entry, or Work Order Transaction Entry (for Completion type) screens, if not all items are distributed yet, the **Warehouse Bin List** button becomes visible. Click it to see the list of the bins that don't have distributed items yet.

The screenshot shows the 'Bin Distribution Entry' window for item 1001-HON-H252 (HON 2 DRAWER LETTER FLE W/O LK, U/M EACH). The window is divided into two main sections. The top section has input fields for 'Bin Number' (A-D-EFA-ULT__), 'Available' (53.00), and 'Receive' (50.00), with 'OK' and 'Undo' buttons. A 'Whse Bin List' button is located below the 'Bin Number' field. The bottom section features a table with columns 'Bin Number', 'Available', and 'Distribute'. The table contains one row: A-D-EFA-ULT__ | 3.00 | 50.00. Below the table is a 'List...' button and a 'Distribution Balance' field showing 0.00. An 'Accept' button is at the bottom right of the window.

Bin Number	Available	Receive
A-D-EFA-ULT__	53.00	50.00

Bin Number	Available	Distribute
A-D-EFA-ULT__	3.00	50.00

Distribution Balance: 0.00

The **Bins on Hold for Receiving** are not displayed in either lookup.

Here is the list displayed by the **Lookup** button of the Bin Distribution Entry from the Transaction Entry screen (Receipts transaction type):

BinNumber	Description	ReceiptDate	Pr.	Qty Available
A-D-EFA-ULT	Default Bin	4/25/2008		3
B-0-100-10001	0000000000001	4/29/2008	01	0
B-0-100-10002	00000000000002	4/29/2008	02	0

Search: BinNumber [v] Begins with [v] [] Find

Filters... []

Custom... [] Select [] Cancel [] [] [] [] []

Found 3 records [] ABC 4/30/2008 []

Here is the list displayed by the Warehouse Bin List button:

The screenshot shows a software window titled "I/M Whse Code/Bin Code File". It contains a table with the following data:

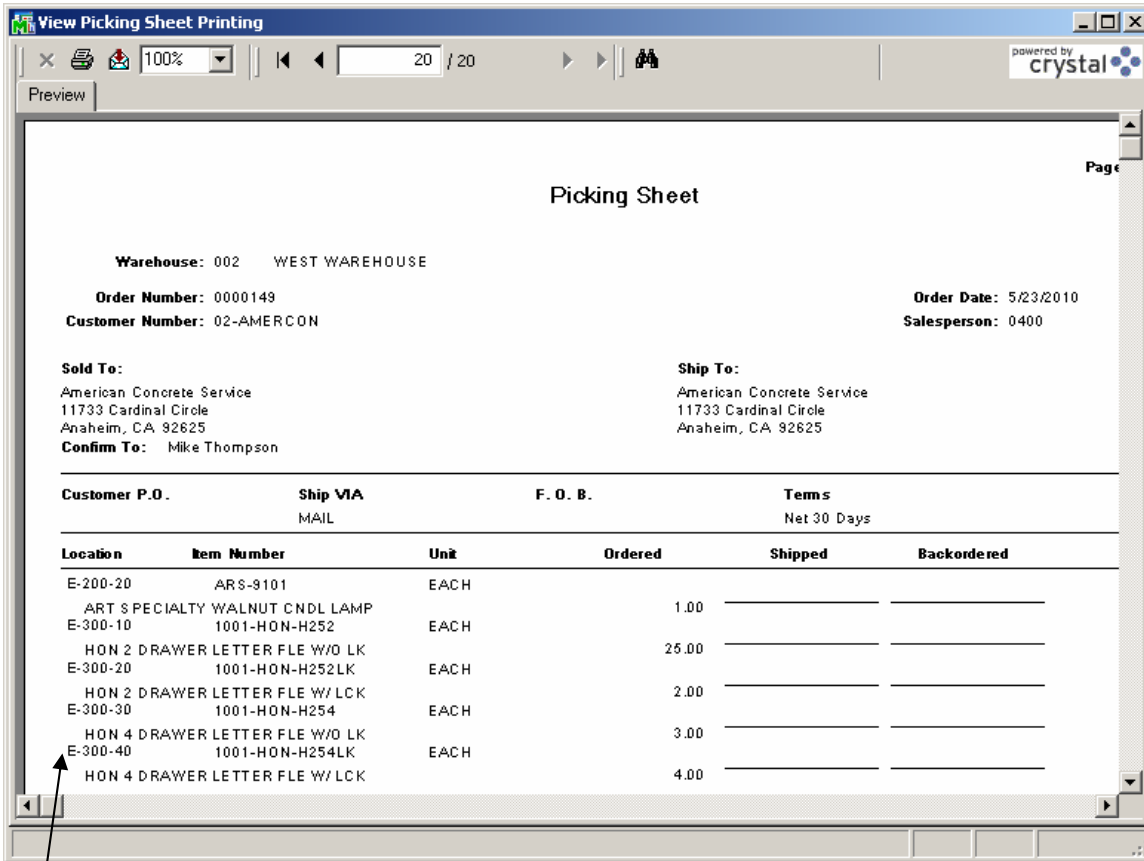
BinNumber	BinDesc	PriorityCode	OnHold
A-0-100-10001	00000000000001	01	N
A-D-EFA-ULT	Default Bin		N
B-0-100-10001	00000000000001	01	N
B-0-100-10002	00000000000002	02	N

Below the table is a search section with a dropdown menu set to "BinNumber", a "Begins with" dropdown, and a text input field. There are buttons for "Find", "Filters...", "Custom...", "Select", "Cancel", and icons for printing and help. At the bottom, it says "Found 4 records", "ABC", and "4/30/2008".

Printings

Picking Sheet Printing

The **Picking Sheet Printing** program has been modified to display specified bins for items, for the warehouses using bins.



The bin locations are also printed while updating the **Inventory Management Transaction Journal** and **Purchase Order Daily Receipt Registers/Update**.

Bar Code S/O Picking Sheet Printing

The **Bar Code S/O Picking Sheet Printing** program has been modified to display specified bins for items, for the warehouses using bins.

Bar Code S/O Picking Sheet Printing (ABC) 9/20/2007

Form Code: STANDARD
Description: Plain

Number of Copies: 1 Collated: Multi-Part Form Enabled: Multi Part...

1. Main | 2. Select

Order Type to Print: All Include Unauthorized/Expired Credit Card Orders:
Print Orders on Hold: Print Comments: Partial

Additional Item Types to Print
Charge Items: Miscellaneous Items: Special Items:

Auto distribute by bin location: Auto distribute from Back Ordered:
Refresh Distribution: Auto distribute from Ordered:


Line 1 Message:
Line 2 Message:

\\igserver\HP LaserJet 1022 Alignment Print Preview Setup ?

View Picking Sheet Printing powered by crystal

100% 1 / 1

Warehouse: 000 CENTRAL WAREHOUSE





Order Number: 0000174  **Order Date:** 4/30/2008

Customer Number: 01-ABF **Salesperson:** 0100

Sold To:
 American Business Futures
 2131 N. 14th Street
 Suite 100
 Accounting Department
 Milwaukee, WI 53205-1204
Confirm To: John Quinn

Ship To:
 American Business Futures
 Racine Warehouse
 5411 Kendrick Place
 Racine, WI 53120

Customer P.O.	Ship VIA	F. O. B.	Terms
	UPS BLUE		Net 30 Days

Location	Item Number	Unit	Ordered	Shipped	Backordered
	1001-HON-H252	EACH	10.00		
HON 2 DRAWER LETTER FLE W/O LK					
	Bin Number A-B10-010-		2.00		
					
	Bin Number A-C10-010-		3.00		
					
	Bin Number A-E10-010-		5.00		

Physical Count Entry

Select the **Physical Count Entry** program from the **Inventory Management Physical** menu.

Click the **Add Item** to display the **Add Item to Physical Inventory** screen.

Select **Item Number** and **Bin Location** (for Warehouses Using Bins) from the Lookup lists and click **OK** to add the selected item to physical Inventory.

Multibin Physical Count Entry

The **Multibin Physical Count Entry** program has been added to the Inventory Management Physical menu to enable inventory count by bins.

Warehouse Code CENTRAL WAREHOUSE

1. Header | 2. Lines

Bin Location Item Number Description

U/M Count

Bin Number	Item Number	Lot/Serial No	UM	Count	Description
Z-A-200-40	1001-HON-H252LK		EACH	1.00	HON 2 DRAWER LETTER FL...
Z-A-100-10	2480-8-50		EACH	0.00	DESK FILE 8" CAP 50
Z-A-100-10	2480-8-50	MAR	EACH	1.00	DESK FILE 8" CAP 50
Z-A-200-40	1001-HON-H252		EACH	1.00	HON 2 DRAWER LETTER FL...

Auto Increment Keep Bin

Enter Item Number to Display IIG ABC 7/16/2008

Enter/Select the Bin location, Item Number and click Ok.
 Select **Auto Increment** check box to automatically increment the inventory count by 1. If this check box is selected, scanning the item, selecting the item from the Lookup window, or entering the item number will increment the count by 1. Clear this check box if you do not want to automatically increment the count by 1.

Select the **Keep Bin** checkbox if you want to keep the selected bin until the inventory count for it will be completed.

Physical Count Worksheet

The **Select Only Warehouses** field has been added on the **Physical Count Worksheet** screen.

The Worksheet can be processed only for **Warehouses Using Bins**, or only for **Warehouses Not Using Bins**, each time, but not both together.

The program will process only Warehouses corresponding to this selection, from the selections made by other criteria.

When **Starting** (or **Ending** if **Starting** is not selected) **Warehouse** is selected, the **Select Only Warehouses** is set according to the type of the selected **Warehouse** (Using Bins or Not), which can be changed after that.

Physical Count Variance Register

The **Select Only Warehouses** field has been added on the **Physical Count Variance Register Selection** screen.

The **Variance Register** can process only for **Warehouses Using Bins**, or only for **Warehouses Not Using Bins**, each time, but not both together.

The screenshot shows the 'Physical Count Variance Register' dialog box. At the top, there are two dropdown menus: 'Sort Options' set to 'Item Number' and 'Select Only Warehouses' set to 'Using Bins'. Below these are two radio buttons for 'All' and 'Starting'. A table with four rows follows: 'Item Number', 'Bin Location', 'Warehouse', and 'Product Line'. Each row has a checked checkbox, a search field with a magnifying glass icon, and a patterned box (diagonal lines for Item Number and Bin Location, horizontal lines for Warehouse, and vertical lines for Product Line). At the bottom right are three buttons: 'Proceed', 'Cancel', and a help button. The status bar at the very bottom shows 'ABC' and '4/19/2007'.

The program will process only Warehouses corresponding to this selection, from the selections made by other criteria.

When **Starting** (or **Ending** if **Starting** not selected) **Warehouse** is selected, the **Select Only Warehouses** is set according to the type of the selected **Warehouse** (Using Bins or Not), which can be changed after that.

Inventory Maintenance

The detail **Bin Distribution** is accessible from the **Inventory Maintenance**.

The screenshot displays the 'Inventory Maintenance' window for item 1001-HON-H252. The interface includes a navigation bar with tabs for Main, Options, Transactions, Inquiry, and Cost Detail. The main area is divided into several sections:

- Item Information:** Item No. 1001-HON-H252, Description HON 2 DRAWER LETTER FLE W/O LK.
- Product & Valuation:** Product Line WF&A (WORKSTATION FURN & ACCESS), Product Type Finished Good, Valuation FIFO, Price Code STD.
- Inventory & Procurement:** Default Whse 000, Inventory Cycle B, Procurement Buy, Primary Vendor 01-CONT (Container Corporation Of Usa).
- Physical Attributes:** Weight 35, Volume .0000, Warranty Code 30 DAY.
- Unit of Measure (U/M):** Standard U/M EACH, Purchase U/M EACH, Sales U/M EACH.
- Cost & Pricing:** Last Rcpt 05/01/2010, Last Sold 04/17/2008, Retail Price 84.000, Std Price 84.000, Std Cost 32.750, Avg Cost 34.249.
- Last Costs Summary:** Total 31.113, Item 31.113, Allocated .000.

 A 'Quantity...' button is highlighted in the top right area, indicating the next step in the process. The window also features navigation buttons (back, forward, search) and a status bar at the bottom showing 'IIG ABC 7/16/2008'.

Click the **Quantity** button to open the **Quantity On Hand & Reorder** screen.

The dialog box 'Quantity on Hand & Reorder' displays the following information:

- Item No.: 1001-HON-H252
- Warehouse Code: 000 (CENTRAL WAREHOUSE)
- Bin Location: E-300-10
- Reorder Method: Economic Quantity
- Economic Order Qty: 100.00
- Reorder Point: 40.00
- Minimum Order Qty: 40.00
- Maximum On Hand: 300.00
- Unit of Measure: EACH
- Item Inventory Status:

Qty on Hand	2475.00
Qty on Purch Order	0.00
Qty on Sales Order	5.00
Qty on Back Order	1.00
Qty Req for Work Order	0.00
Qty on Work Order	0.00
Total Qty Available	2469.00
Qty in Shipping	3.00
On Hand less in Shipping	2472.00

Select a warehouse with bins and click the Bin Detail button.

The dialog box 'Bin Distribution Details' displays the following information:

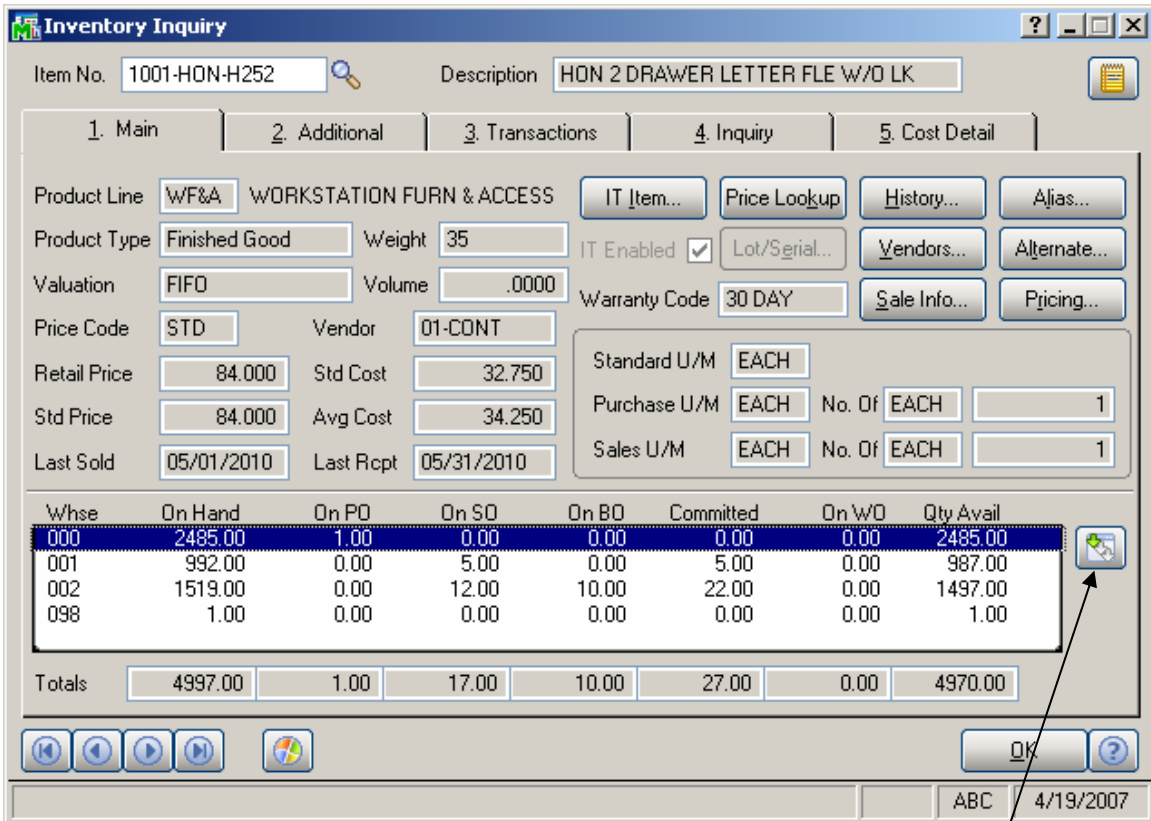
- Item: 1001-HON-H252 (HON 2 DRAWER LETTER FLE W/O LK)
- Bin Number: Z-A-100-10
- Committed: 5.00
- On Hand: 7.00
- Quantity Balance: 0.00

Bin Number	Committed	On Hand	Hold
Z-A-100-10	5.00	7.00	N
Z-A-100-20	5.00	8.00	N
Z-E-300-10	9.00	2460.00	N

Here the On Hand quantity can be edited so that the Item quantity to be in balance.

Inventory Inquiry

The bin distribution can be viewed from the **Inventory Inquiry** program under **Inventory Management Main** menu.



Drill Down

Select a warehouse line and click the **Drill Down** button to display the **Quantity On Hand & Reorder** screen.

Quantity On Hand & Reorder

Item No. 1001-HON-H252

Warehouse Code 000 CENTRAL WAREHOUSE

Totals Recap Qty History... Bin Detail...

Bin Distribution Details

Item Inventory Status

Bin Location	E-300-10
Reorder Method	Economic Quantity
Economic Order Qty	100.00
Reorder Point	40.00
Minimum Order Qty	40.00
Maximum On Hand	300.00

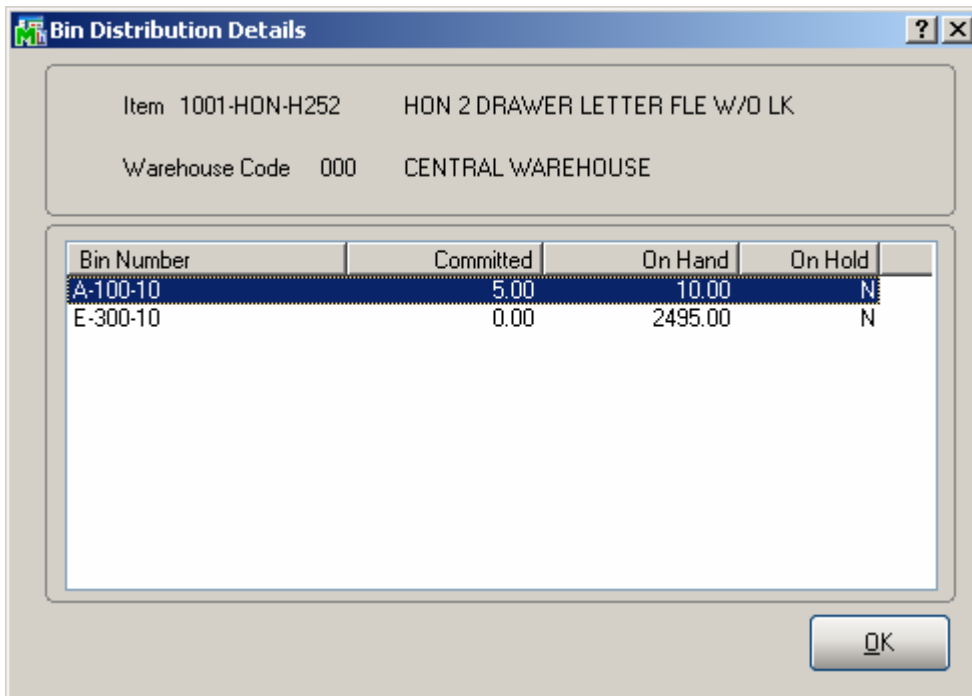
Unit Of Measure	EACH
Qty On Hand	2485.00
Qty On Purch Order	1.00
Qty On Sales Order	0.00
Qty On Back Order	0.00
Qty Req For Work Order	0.00
Qty On Work Order	0.00
Total Qty Available	2485.00
Qty in Shipping	0.00
On Hand less in Shipping	2485.00

OK ?

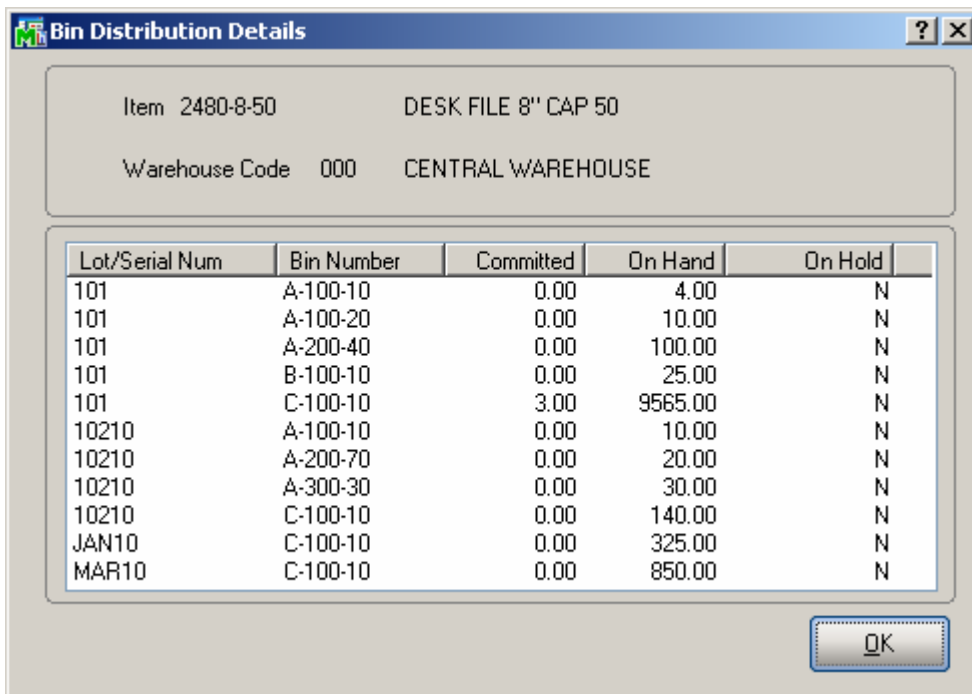
In this screen, click the **Bin Detail** button.

The **Bin Distribution Details** screen will look slightly different for Lot/Serial and non-Lot/Serial items.

For non-Lot/Serial items the screen will look as follows:



For Lot/Serial items, the information will be displayed by lots/serials:



Sales Order Entry

Sometimes if a Warehouse uses Bins, there is some quantity of an item physically present in a Bin, while the Warehouse lookup displays negative quantities. In such case it is useful to be able to view the availability of the item by Bins.

In the **Lines** tab of the **Sales Order Entry** screen, select **Item**, enter **Quantity Ordered**.

Sales Order Entry (ABC) 8/27/2007

Order Number 0000250

1. Header 2. Address 3. Lines 4. Totals

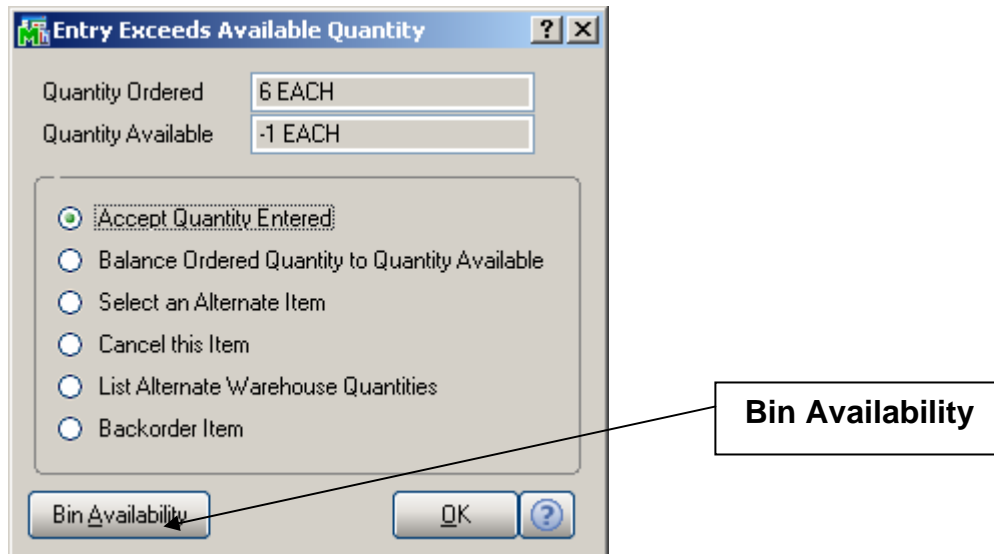
	Item Code	Ordered	Back Ordered	Unit Price	Extension	Co
1	1001-HON-H252LK	6.000	.000	84.390	506.34	
2		.000	.000	.000	.00	

Description HON 2 DRAWER LETTER FLE W/ LCK
Warehouse 002
U/M EACH
Shipped .000

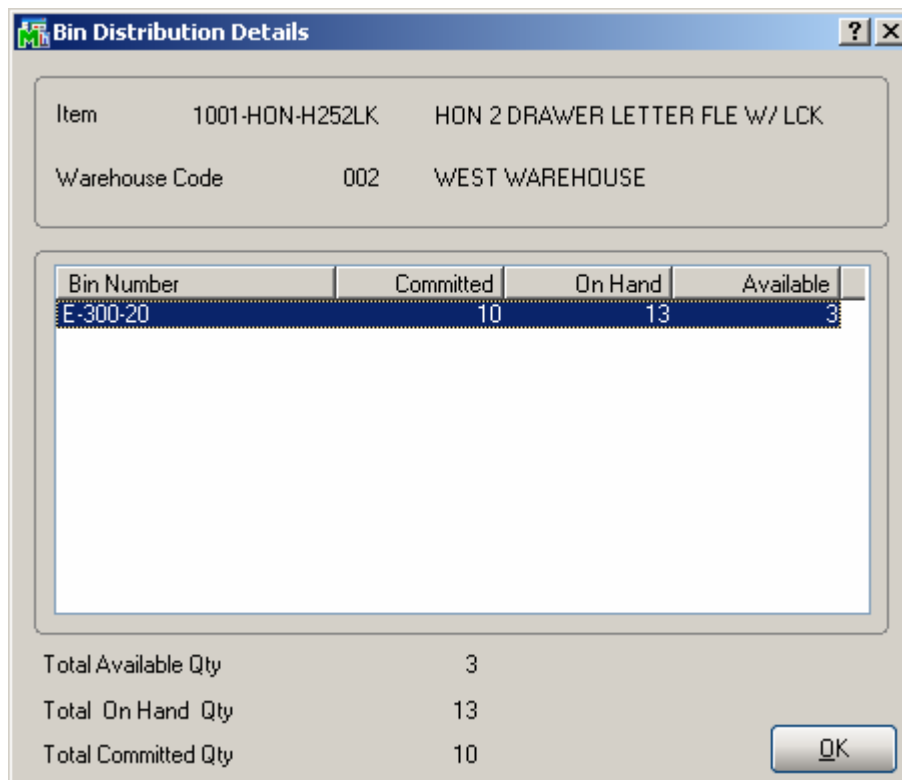
Available Quantity in this Warehouse is -1 EACH Total Amount 506.34

Quick Print... Recalc Price Accept Cancel Delete

If the **Quantity Ordered** exceeds the available one in the selected warehouse the **Entry Exceeds Available Quantity** screen is displayed.



Click the **Bin Availability** button to display the **Bin Distribution Details** screen.



You can see that the real quantity On Hand in the first Bin is sufficient for your order. Click **OK** to accept the line in the Sales Order. The item is distributed automatically (if

corresponding options are set in the Multi-Bin Processing Options program).

Sales Order Entry (ABC) 8/27/2007

Order Number: 0000250

1. Header | 2. Address | 3. Lines | 4. Totals

	Item Code	Ordered	Back Ordered	Unit Price	Extension	Co
1	1001-HON-H252LK	3.000	.000	87.000	261.00	
2	1001-HON-H252	6.000	.000	81.480	488.88	
3		.000	.000	.000	.00	

Quick Row: 2

Description	HON 2 DRAWER LETTER FLE W/O LK
Warehouse	001
U/M	EACH
Shipped	.000

Total Amount: 749.88

Buttons: Quick Print..., Recalc Price, Accept, Cancel, Delete, Print, Help

If the sales order has a line with negative distribution balance, it cannot be accepted. The following message is displayed:

Sage MAS 90

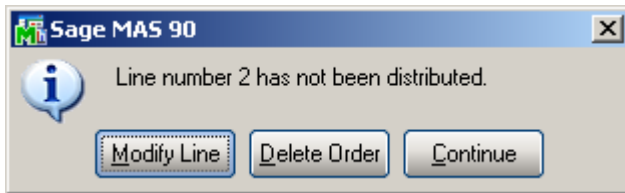
Line number 3 has Negative Distribution Balance.

Buttons: Modify Line, Delete Order

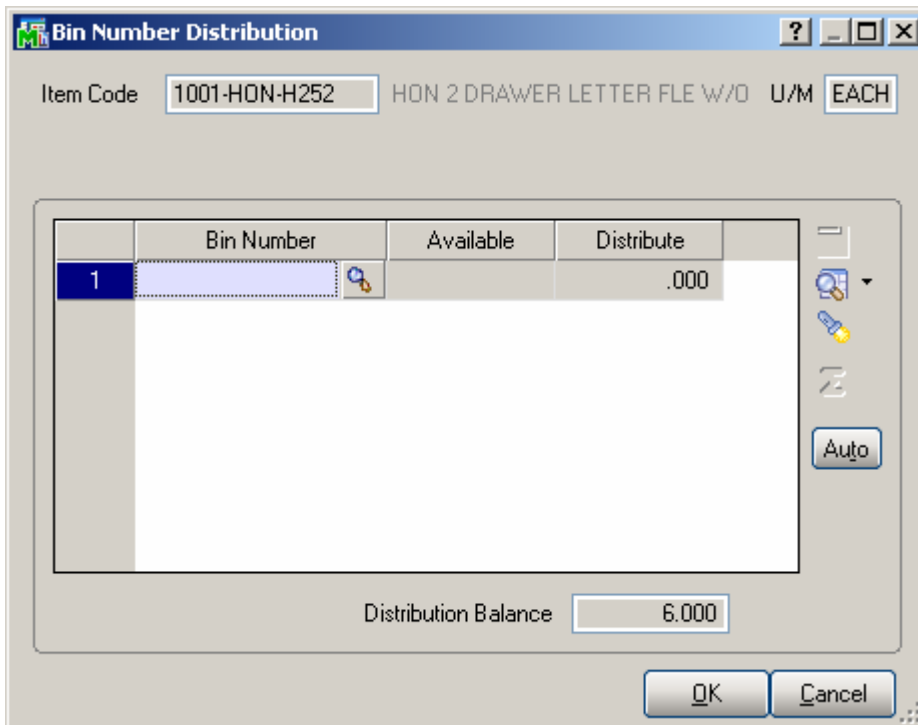
In this case you should either modify the line with negative distribution balance or delete the entire sales order.

If the sales order has at least a line not distributed fully by Lot/Serial number or Bin number the following message appears. In this case you can choose to modify the line,

delete the order or continue. In this case you are allowed to Accept the order.



Enter the **Bin Number** to be distributed, or use the **Lookup** button to select from the list.



Select the line and click the **Distribute** button.

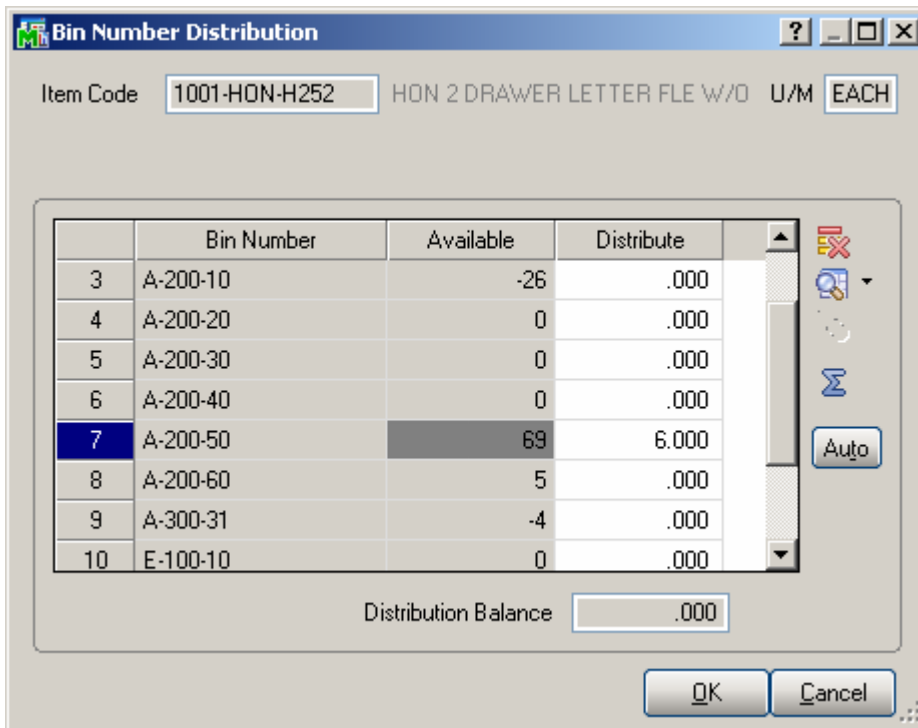
Bin Number Distribution [?] [] [X]

Item Code: HON 2 DRAWER LETTER FLE W/O U/M

	Bin Number	Available	Distribute
3	A-200-10	-26	.000
4	A-200-20	0	.000
5	A-200-30	0	.000
6	A-200-40	0	.000
7	A-200-50	75	.000
8	A-200-60	5	.000
9	A-300-31	-4	.000
10	E-100-10	0	.000

Distribution Balance:

Here is how the entered quantity is distributed.



Item Code: 1001-HON-H252 HON 2 DRAWER LETTER FLE W/O U/M EACH

	Bin Number	Available	Distribute
3	A-200-10	-26	.000
4	A-200-20	0	.000
5	A-200-30	0	.000
6	A-200-40	0	.000
7	A-200-50	69	6.000
8	A-200-60	5	.000
9	A-300-31	-4	.000
10	E-100-10	0	.000

Distribution Balance: .000

Buttons: OK, Cancel, Auto

The **Distribution Balance** is reduced from the **Available** quantity of the selected **Bin Number** and set in the **Distribute** column. If the **Available** quantity of the selected line is negative or zero, that line will be ignored. If the **Available** quantity is less than **Distribution Balance**, the **Available** quantity will be zeroed and the **Distribution Balance** will be reduced correspondingly (the remaining quantity can be distributed farther to other **Bins**).

Sales Order Bin Distribution

The **Sales Order Bin Distribution** program has been added under the **Sales Order Main** menu to allow manual and automatic bin distribution.

The screenshot shows the 'Sales Order Bin Distribution (ABC) 8/27/2007' application window. It features a filter table at the top left, a 'Ship Via' search box at the top right, a main data grid, and several action buttons at the bottom.

Select Field	Operand	Value
Sales Order Number	All	
Customer Number	All	
ItemCode	All	

Buttons: Clear, Select, Ship Via (Search), Apply to All

SO No	Customer No	Customer PO No	Ship Via	Item Code	Whse	Quantity Dist	Distr	Inclu
0000191	01-ABF		UPS BLUE	1001-HON-H252	001	90.000		<input type="checkbox"/>
0000192	01-ABF		UPS BLUE	1001-HON-H252	001	65.000		<input type="checkbox"/>
0000193	01-ABF		UPS BLUE	1001-HON-H252	001	30.000		<input type="checkbox"/>
0000193	01-ABF		UPS BLUE	2480-8-50	002	20.000		<input type="checkbox"/>
0000194	01-ABF		UPS BLUE	1001-HON-H252	001	10.000		<input type="checkbox"/>
0000194	01-ABF		UPS BLUE	2480-8-50	001	20.000		<input type="checkbox"/>
0000194	01-ABF		UPS BLUE	1001-HON-H252	001	6.000		<input type="checkbox"/>

Buttons: Include All, Exclude All, Invert Sel, Remove Highlighting, Auto Distribute, Ok

Select the range of Sales Orders, Customer Numbers, and Item Numbers to be displayed. Click the **Select** button. A grid will be populated with selected sales order lines.

The **Distr** column shows the button if the bin distribution has not been done for the line, and otherwise. For **Manual Bin Distribution**, choose a line and click the **Distr** button.

The **Bin Distribution Entry** screen will be displayed.
Select the **Bin Number**.

	Bin Number	Available	Distribute
1	A-100-10	-110	.000
2	A-100-20	-3	1.530
3	A-200-10	-26	.000
4	A-200-20	0	.000
5	A-200-30	0	.000
6	A-200-40	0	.000
7	A-200-50	69	.000
8	A-200-60	5	.000

Distribution Balance: 63.470

Select the line and click the Distribute button. The logic is the same as it is described for the **Bin Number Distribution** screen in the **Sales Order Entry**.


Item Code: 1001-HON-H252 HON 2 DRAWER LETTER FLE W/O U/M EACH

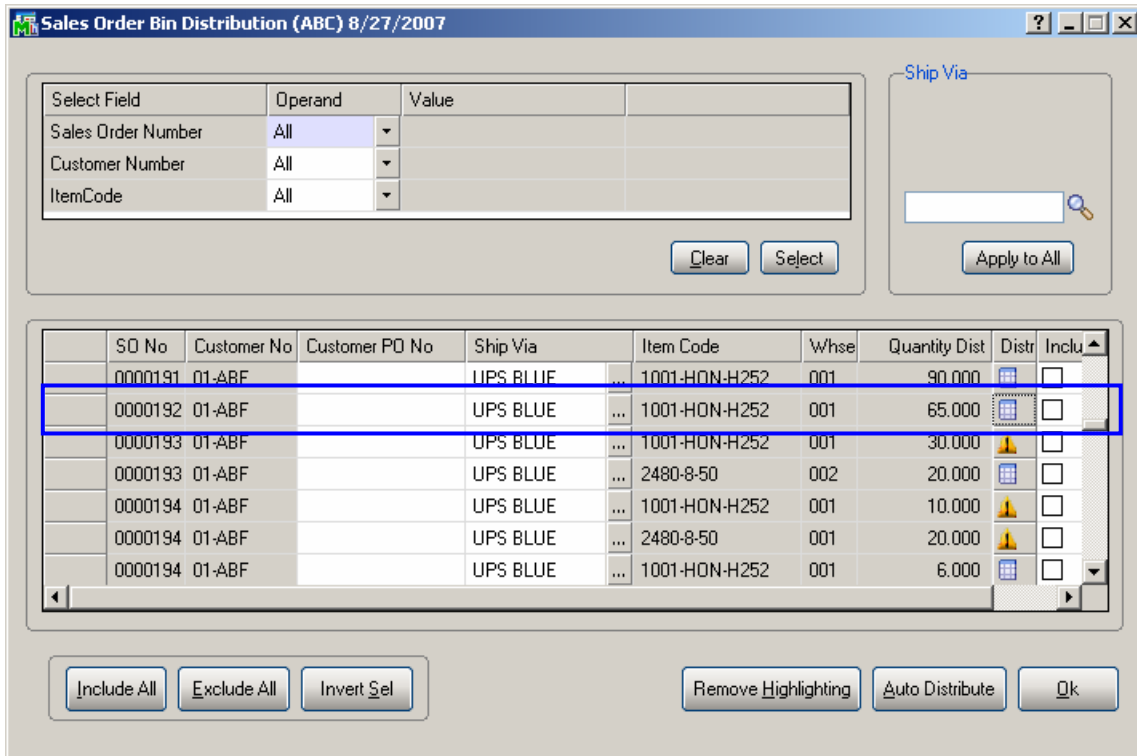
	Bin Number	Available	Distribute
2	A-100-20	-3	1.530
3	A-200-10	-26	.000
4	A-200-20	0	.000
5	A-200-30	0	.000
6	A-200-40	0	.000
7	A-200-50	5.53	63.470
8	A-200-60	5	.000
9	A-300-31	-4	.000

Distribution Balance: .000

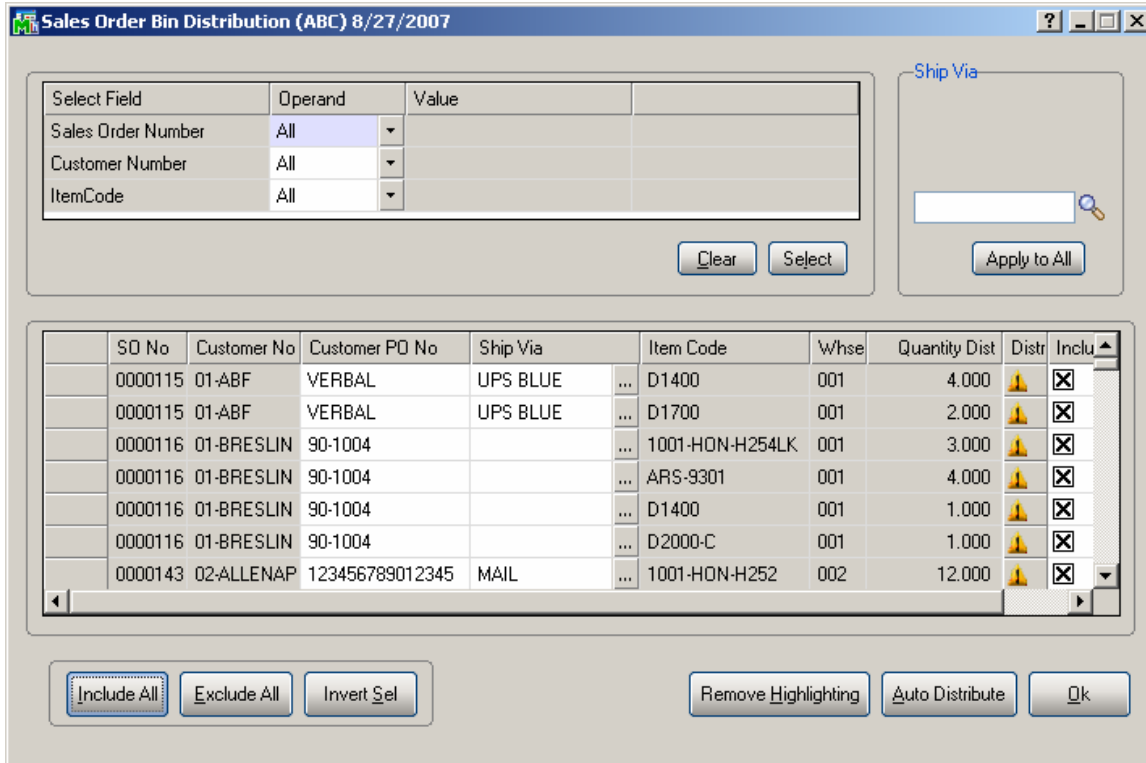
Buttons: OK, Cancel, Auto

Click **OK**.

In the **Sales Order Bin Distribution** screen, the **Distr** column for the selected line will be changed to  (Distributed).



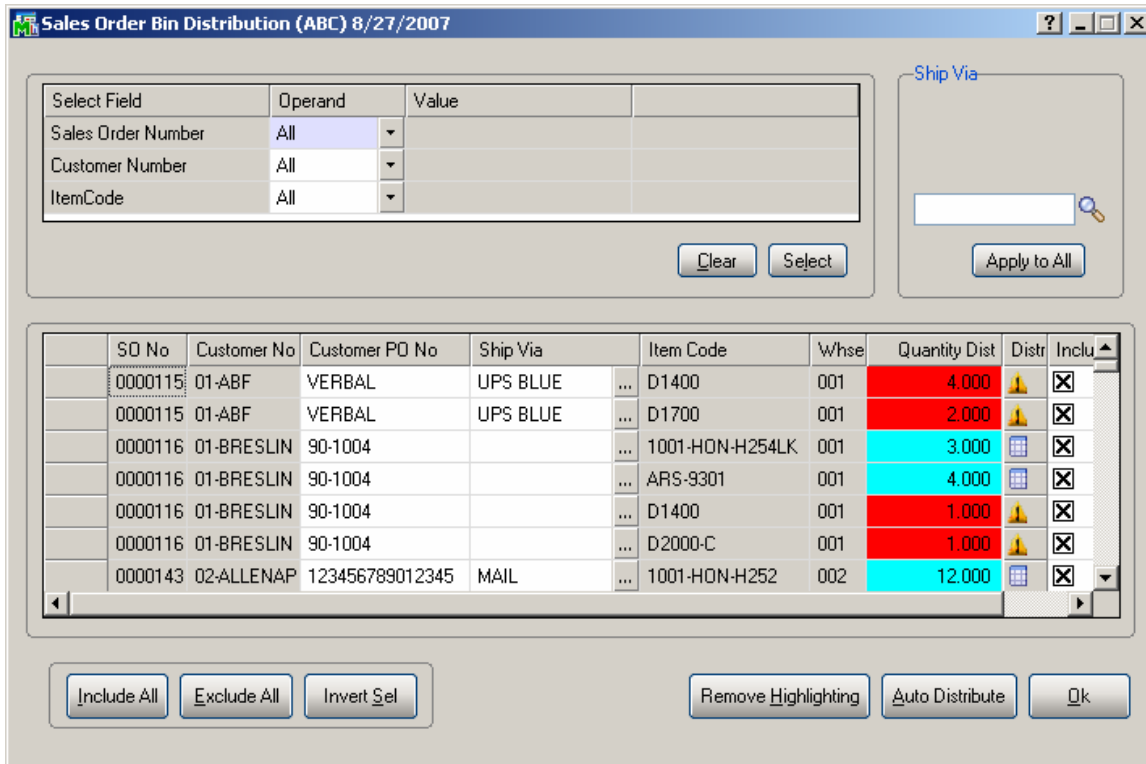
For **Automatic Distribution**, check the **Incl.** box for the lines to be distributed.



Click **Incl All** button for including all lines in the auto distribution. Click **Excl All** button for excluding all lines from distribution. Click **Invert Sel** button for inverting selection.

Click the **Auto Distribute** button.

After **Auto Distribution**, successfully distributed lines are highlighted with cyan, lines for which there is no enough quantity to distribute are highlighted with red.



Click the **Remove Highlighting** button to remove all colors from the grid.

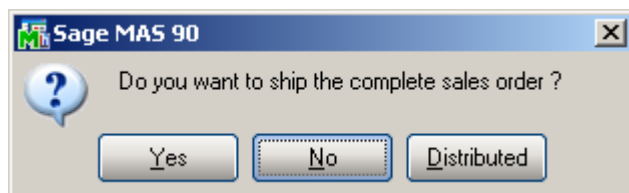
The **Customer PO** and **Ship Via** fields can be edited manually for any line in the grid. You can also select the **Ship Via** from the lookup. Changing **Customer PO** and **Ship Via** for any line of the order changes the setting for the entire order.

Alternatively, you can select the **Ship Via** setting in the field at the right top corner of the screen, and click the **Apply to All** button, to change the Ship Via of all the displayed lines to the selected one.

S/O Invoice Data Entry

The **Invoice Data Entry** program under the **Sales Order Main** menu is modified similar to the **Sales Order Entry** program to enable Bin Distribution.

Once all necessary information has been entered on the first two tabs, click the **Lines** tab. In case you are invoicing a Sales Order, the following message appears asking whether all the quantities ordered on the sales order will be shipped or only the distributed quantities.



Shipping the complete order (Yes is selected) means that all the quantities ordered will be shipped entirely, with the quantity shipped equal to the quantity "**Ordered – Back Ordered**" for **Standard** type orders and quantity **Back Ordered** for **Back Order** type orders.

In this case the Sales Order distribution is carried over from the Sales Order to the Invoice.

Shipping the distributed order (Distributed is selected) means that Items will be shipped in quantity equal to the quantity distributed by bin in the order.

For Lot/Serial Items shipping the distributed order means that Lot/Serial items will be shipped in quantity equal to the quantities distributed By Bin in the Sales Order.

S/O Invoice Data Entry (ABC) 1/11/2008

Invoice No. 0100120 Batch 00009

1. Header | 2. Address | 3. Lines | 4. Totals

Quick Row 1

	Item Code	Ordered	Shipped	Unit Price	Extension	Co
1	1001-HON-H252	3.00	3.00	84.000	252.00	
2	2480-8-50	4.00	4.00	34.950	139.80	
3		.00	.00	.000	.00	

Description	HON 2 DRAWER LETTER FLE W/O LK
Warehouse	001
Unit Of Measure	EACH
Back Ordered	.00

Total Amount 391.80

Quick Print | Accept | Cancel | Delete

Bin Number Distribution

Item Code 1001-HON-H252 HON 2 DRAWER LETTER FLE W/O U/M EACH

	Bin Number	Available	Distribute
1	A-100-20	15	1.00
2	A-200-10	18	2.00
3			.00

Distribution Balance .00

OK | Cancel

Select a line with a lot/serial item and click the **Lot/Serial Distribution** button.

The screenshot shows the 'Lot/Serial Number Distribution' dialog box. At the top, the 'Item Code' is '2480-8-50' and the description is 'DESK FILE 8" CAP 50'. The 'U/M' is set to 'EACH'. Below this is a table with columns 'Lot Number', 'Available', and 'Distribute'. Row 1 is selected, showing 'JAN10' with an available quantity of 62 and a distribute amount of 4.00. Row 2 is empty. At the bottom, the 'Distribution Balance' is .00. Buttons for 'OK', 'Cancel', and a help icon are at the bottom right.

	Lot Number	Available	Distribute
1	JAN10	62	4.00
2			.00

Distribution Balance: .00

The screenshot shows the 'Bin Number Distribution' dialog box. At the top, the 'Item Code' is '2480-8-50' and the description is 'DESK FILE 8" CAP 50'. The 'U/M' is set to 'EACH'. Below this, the 'Lot/Serial Number' is 'JAN10'. Below that is a table with columns 'Bin Number', 'Available', and 'Distribute'. Row 1 is selected, showing 'A-100-20' with an available quantity of 7 and a distribute amount of 2.00. Row 2 shows 'A-200-10' with an available quantity of 8 and a distribute amount of 2.00. Row 3 is empty. At the bottom, the 'Distribution Balance' is .00. Buttons for 'OK', 'Cancel', and a help icon are at the bottom right.

	Bin Number	Available	Distribute
1	A-100-20	7	2.00
2	A-200-10	8	2.00
3			.00

Distribution Balance: .00

The distribution can be reviewed and/or changed on this **Bin Number Distribution** screen.

Note that an invoice cannot be accepted with lines not fully distributed by bins.

The **Bin Distribution** logic is functioning the same way for the Invoices generated by the Auto Generate Invoice Selection program.

Production Entry

Select the **Production Entry** program under the **Bill of Materials Main** menu.

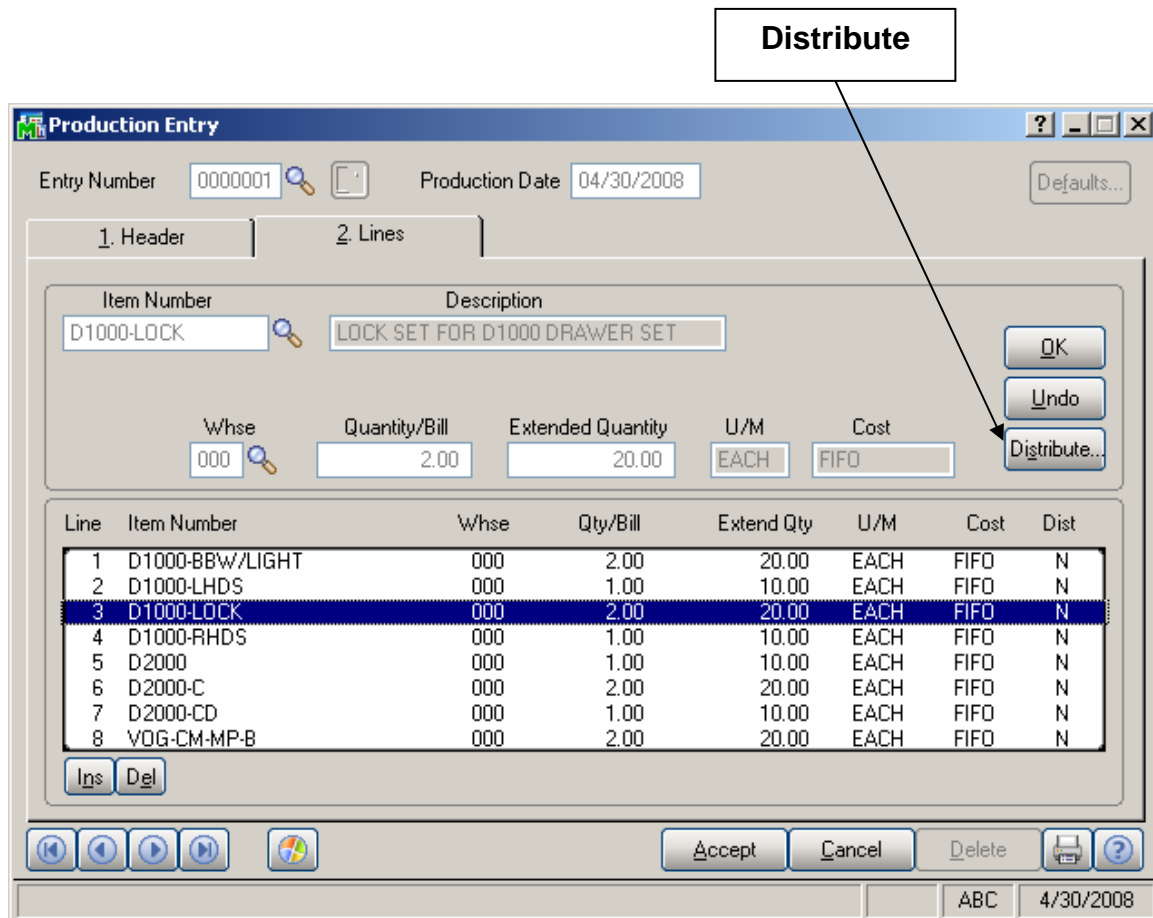
The screenshot shows the 'Production Entry' window with the '1. Header' tab selected. The 'Parent Bin' field is highlighted with a black arrow pointing to a callout box labeled 'Parent Bin'.

Parent Bin

In the **Parent Bin** field, enter the Bin in the Parent Warehouse to distribute the finished production to.

In the **Lines** tab, selecting a line that is not distributed yet displays the **Bin Distribution Entry** screen. The

distribution can also be viewed by clicking the **Distribute** button.



If the selected line item is a Lot/Serial item, the **Lot/Serial No.- Distribution Entry** screen is displayed first. After distributing the quantity to a lot/serial, the **Bin Distribution Entry** screen is displayed. The **Bin Distribution Entry** screen can be opened manually for the selected Lot Number. Click the **Bin Distribution** button.

Bin Distribution Entry

Item D1000-LOCK LOCK SET FOR D1000 DRAWER SET U/M EACH
Whse 000

Bin Number	Available	Distribute
A-D-EFA-ULT_	0.00	4.00

Buttons: OK, Undo, List...

Distribution Balance: 16.00

Accept

Bin Number - List Entry

Item D1000-LOCK LOCK SET FOR D1000 DRAWER SET U/M EACH
Whse 000

Bin Number	Available	Distribute
A-D-EFA-ULT_	0.00	4.00

Buttons: OK, Undo, Distrib...

Distribution Balance: 16.00

Accept

Selected Warehouse and Lot/Serial Number are displayed in the Bin Distribution screen, as well as the Item Number.

Disassembly Entry

Select the **Disassembly Entry** program under the **Bill of Materials Main** menu.

The screenshot shows the 'Disassembly Entry' window with the following fields and values:

- Entry Number: 0000003
- Disassembly Date: 04/19/2007
- Bill Number: D1700
- Description: SECRETARY DESK ENSEMBLE
- Bill Type: Kit
- Quantity: 2.00
- U/M: EACH
- Parent Warehouse: 000 CENTRAL WAREHOUSE
- Component Warehouse: 000 CENTRAL WAREHOUSE
- Disassembly Type: Produced Item
- Explode Sub-Assemblies:

A 'Distribute...' button is located on the right side of the window, and an arrow points from a 'Distribute' label below to it.

Distribute

Click the **Distribute** button to distribute the entered quantity from bins.

In the **Lines** tab, the **Bin Distribution Entry** screen works similar to everywhere else. The **Warehouse Bin List** button displays a list of bins that don't have distributed quantity yet.

Return Merchandise Authorization

The **Bin Distribution Entry** screen in the **Return Merchandise Authorization Entry** and **Return Merchandise Receipt Entry** programs works similar to everywhere else.

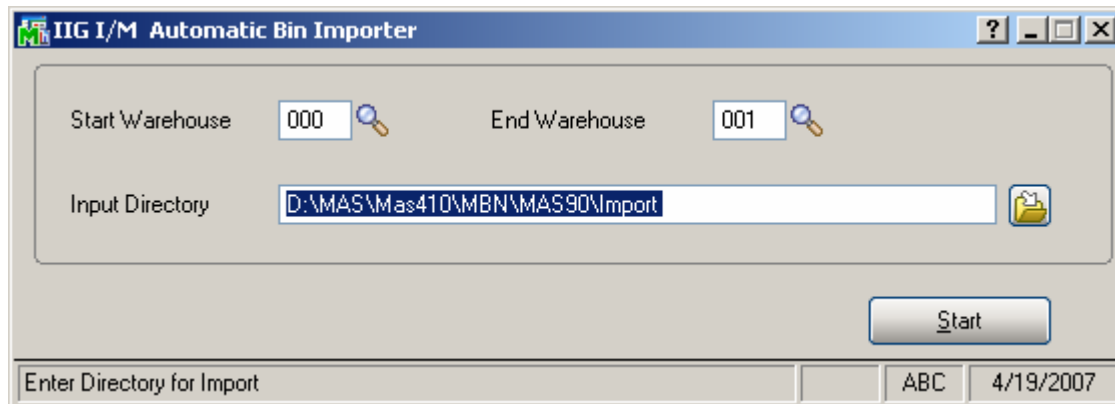
Bin distribution is only available in the **Return Merchandise Authorization** module, if the **Sales Order Entry Commits Inventory in Bin** box is checked in the **Multi-Bin Processing Options**.

When a **Credit Memo** is generated from RMA Receipt Entry, the Bin Distribution of the Receipt is transferred to the Credit Memo.

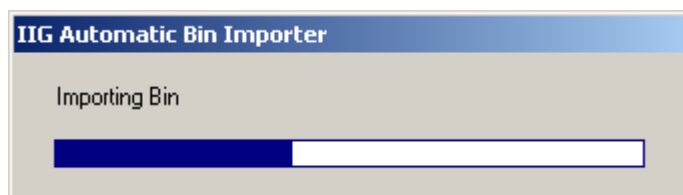
When a **Sales Order** is generated from RMA Receipt Entry, the Bin Distribution is done automatically or not, based on the **Multi-Bin Processing Options**.

IIG Automatic Bin Importer

The **IIG Automatic Bin Importer** program has been added under the **Setup** menu of the **Inventory Management** module.

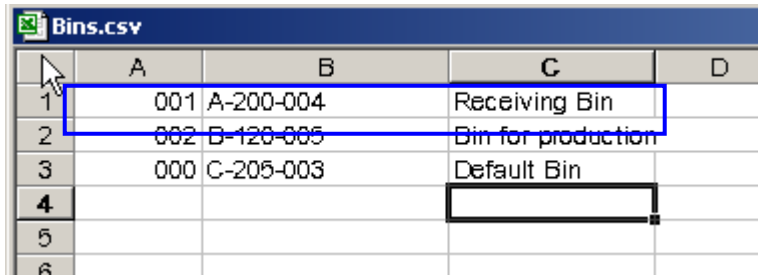


Enter the **Start Warehouse**, and **End Warehouse**. Specify the **Input Directory** for the imported file and Click **Start**.



The imported file must have the following format:

1. file extension must be .csv;
2. each record must consists of
 - Warehouse number (up to 3 characters)
 - Bin number (up to 10 characters)
 - Bin description (up to 30 characters)
 - Bin priority (up to 2 characters)
 - On Hold (Y/N)
 - Bin Type (1 character)

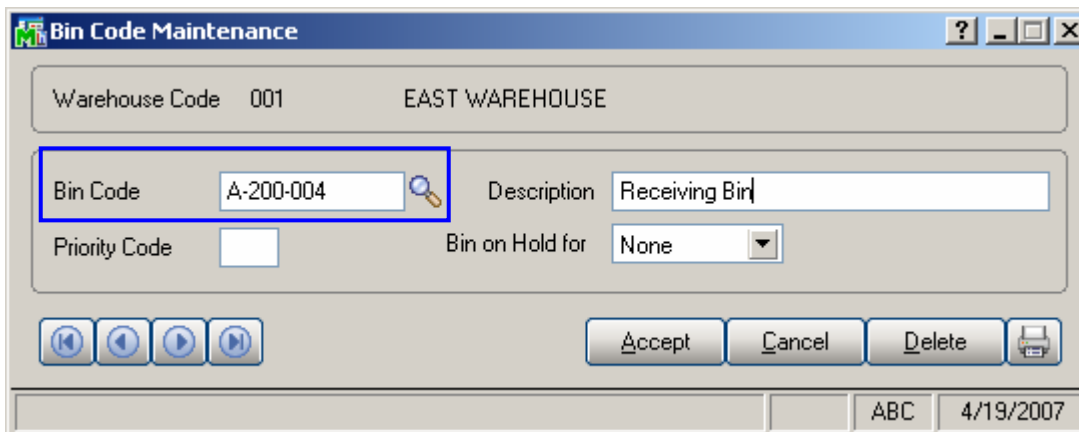


	A	B	C	D
1	001	A-200-004	Receiving Bin	
2	002	B-120-005	Bin for production	
3	000	C-205-003	Default Bin	
4				
5				
6				

In case the import is completed successfully, the imported file extension is changed to .old.

If the **Use Bin** isn't checked in the **Warehouse Code Maintenance** for the selected Warehouse, bins will be skipped while importing.

Here is the example of imported bin:



Bin Code Maintenance

Warehouse Code 001 EAST WAREHOUSE

Bin Code A-200-004 Description Receiving Bin

Priority Code Bin on Hold for None

Accept Cancel Delete

ABC 4/19/2007

Bin Label Printing

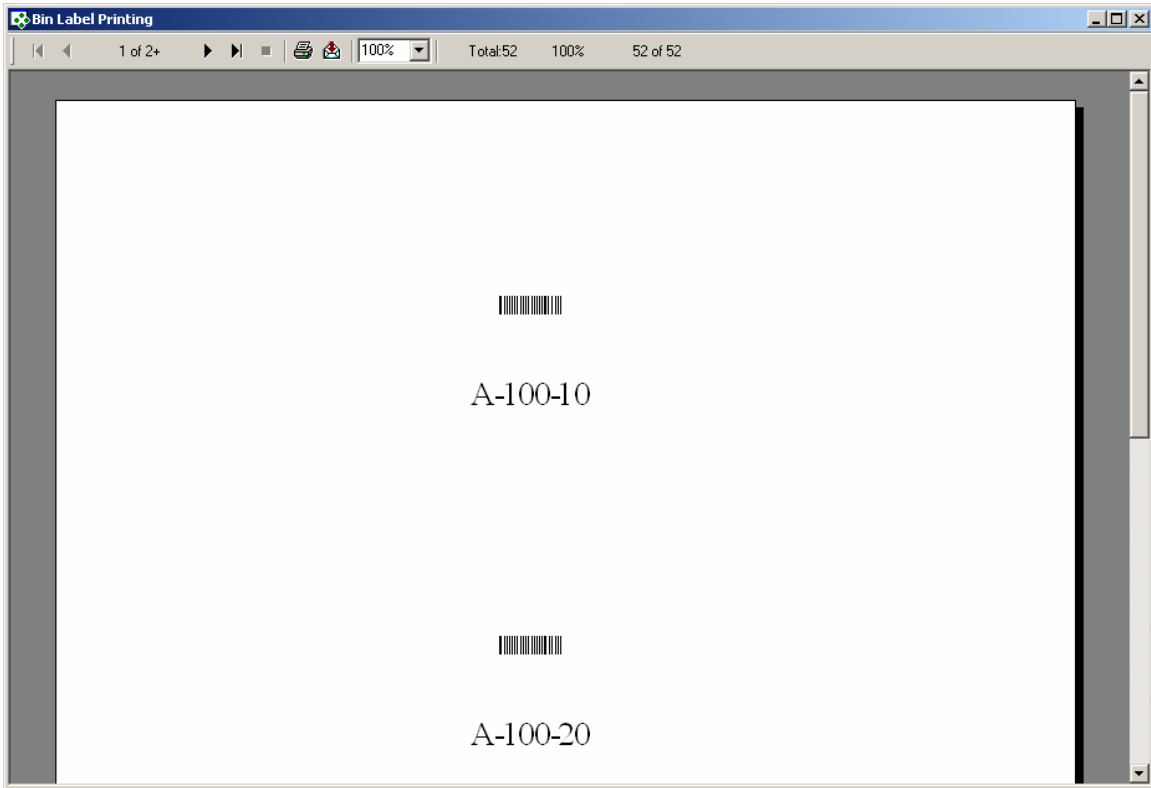
The **Bin Label Printing** program added under the **Reports** Menu of the **Inventory Management** module enables printing **Bin Labels**.

The **Bin Label** can be filtered based on the following **Selection** criteria: Item Number, Warehouse Code and Bin Location.

If the **All** box is checked for the **Item Number Selection** criterion, the program will print all Bin Locations of the Warehouses.

If the **All** box is unchecked for the **Item Number Selection** criterion, the program will print all Bin Locations of the Items.

Here is an example of printout.



Bin Status Report

The **Bin Status Report** program added under the **Reports** Menu of the **Inventory Management** module enables printing **Bin Status Report**.

Selection	All	Starting	Ending
Bin Location	<input checked="" type="checkbox"/>	<input type="text"/>	<input type="text" value="//////"/>
Warehouse	<input checked="" type="checkbox"/>	<input type="text" value=""/>	<input type="text" value="///"/>
Item Number	<input checked="" type="checkbox"/>	<input type="text" value=""/>	<input type="text" value="////////"/>
Show negative only?	<input type="checkbox"/>		

\\igserver\HP LaserJet 1022 Print Preview Printer Setup...

Check this Box to Print all Bin Locations ABC 4/19/2007

The **Bin Status Report** can be filtered based on the following **Selection** criteria: Item Number, Warehouse Code and Bin Location.

If the **All** box is checked for the **Item Number Selection** criterion, the program will print all Bin Locations of the Warehouses.

If the **All** box is unchecked for the **Item Number Selection** criterion, the program will print all Bin Locations of the Items.

Bin Status Report

ABC Distribution and Serv

BIN STATUS REPORT

WAREHOUSE: 000 CENTRAL WAREHOUSE

BIN LOC	ITEM NUMBER	DESCRIPTION	U/M	QUANTITY ON HAND
A-D-EFA-ULT_	1001-HON-H252	HON 2 DRAWER LETTER FLE W/O LK	EACH	10.0
B-0-100-10001	1001-HON-H252	HON 2 DRAWER LETTER FLE W/O LK	EACH	10000.0
B-0-100-10002	1001-HON-H252	HON 2 DRAWER LETTER FLE W/O LK	EACH	5000.0

Page:1

If the **Show negative only?** check box is selected, then the Items having only negative Quantity On Hand will be printed.

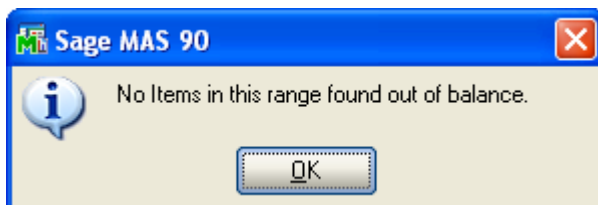
Inventory Qty On Hand Balancing For Multi-Bin

The **Inventory Bin Balancing Utility** program has been added to the **Setup** menu of the **Inventory Management** module to balance the Inventory Quantities on Hand in the I/M Warehouse Details (*IM2*), the I/M Cost Details (*IM3*), and the I/M Bin Details (*IM_BN*) files.

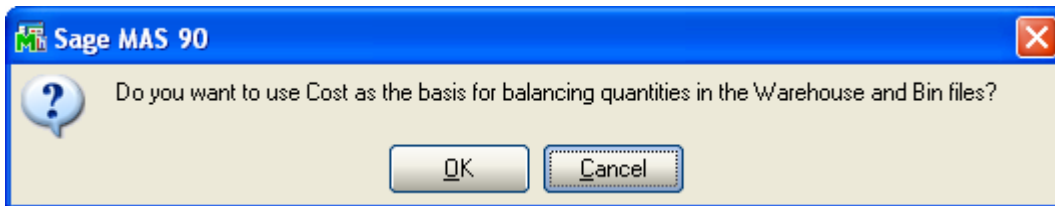
In this screen you can specify data ranges by **Item Number**, **Product Line**, **Warehouse Code**, and **Bin Location** for balancing. You can also select the **Product Type to Print** from the corresponding drop-down box (you can select *All*, *Finished Goods*, *Raw Materials*, or *Discontinued*). Specify the **Item Valuation** from the drop-down box (**Exclude Lot/Serial** or **Only Lot/Serial**).

Click the **Verify** button.

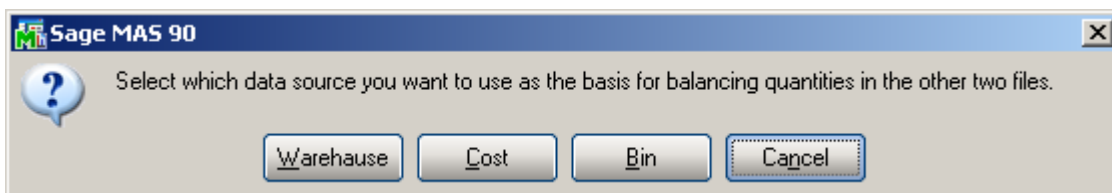
If there are no differences in quantities in these the files, you will get the following message:



If you select the **Only Lot/Serial** in the corresponding drop box, the following message will be displayed:



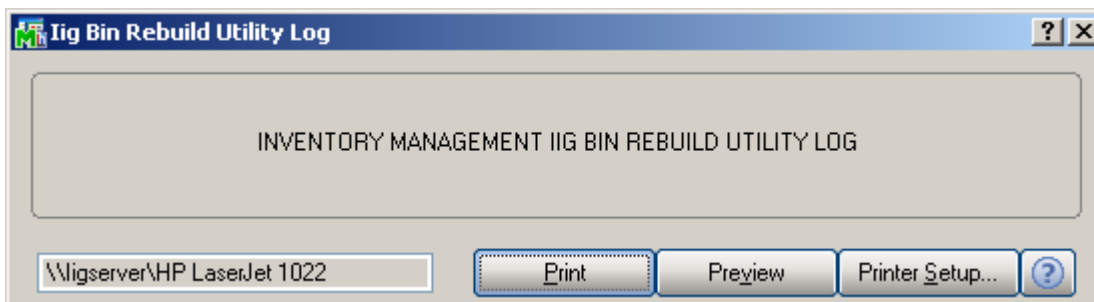
Select **Exclude Lot/Serial** if you want to ignore **Lot/Serial items** during **Item Valuation** . In this case you will receive the following message:



In case of differences in quantities, select which file you will use as a basis to correct the other two files. Your options are:

- **Warehouse** - This will balance the quantities in the I/M Cost Detail File (IM3) and the I/M Bin Detail (IM_BN) file based on the quantities in the I/M Warehouse Detail file (IM2).
- **Cost** - This will use the I/M Cost Detail (IM3) file to balance the quantities in the other two files.
- **Bin** - This will use the I/M Bin Detail (IM_BN) file to balance the quantities in the other two files.

After the program adjusts the quantities, the **IIG Bin Rebuild Utility** log will print.



If there are no differences in quantities in these three files, you will get the following message:



Here is the result of printout of **IIG Bin Rebuild Utility Log** if you selected **Only Lot/Serial** in the corresponding drop box:

ITEM NUMBER	WHSE	COSTING METHOD	PROD LINE	PROD TYPE	WHSE DTL QNTY (IM2)	COST DTL QNTY (IM3)	BIN DTL QNTY (IM_BN)
2480-8-50	000	LOT	F	FD&A	11,069.00	11,069.00	12,019.00
					11,069.00	11,069.00	11,069.00
2480-8-50	001	LOT	F	FD&A	176.00	176.00	739.00
					176.00	176.00	176.00
2551-3-50	000	LOT	F	FD&A	650.00	650.00	600.00
					650.00	650.00	650.00
8953	000	LOT	F	FD&A	7,113.00	7,113.00	7,109.00
					7,113.00	7,113.00	7,113.00
8953	002	LOT	F	FD&A	849.00	849.00	840.00
					849.00	849.00	849.00
8971	000	LOT	F	FD&A	2,907.00	2,907.00	2,910.00
					2,907.00	2,907.00	2,907.00

And here is an example of printout where **Lot/Serial Items** are excluded:

ABC Distribution and Service Corp.
INVENTORY QUANTITY ON HAND BALANCING
Lot/Serial Items Are Excluded

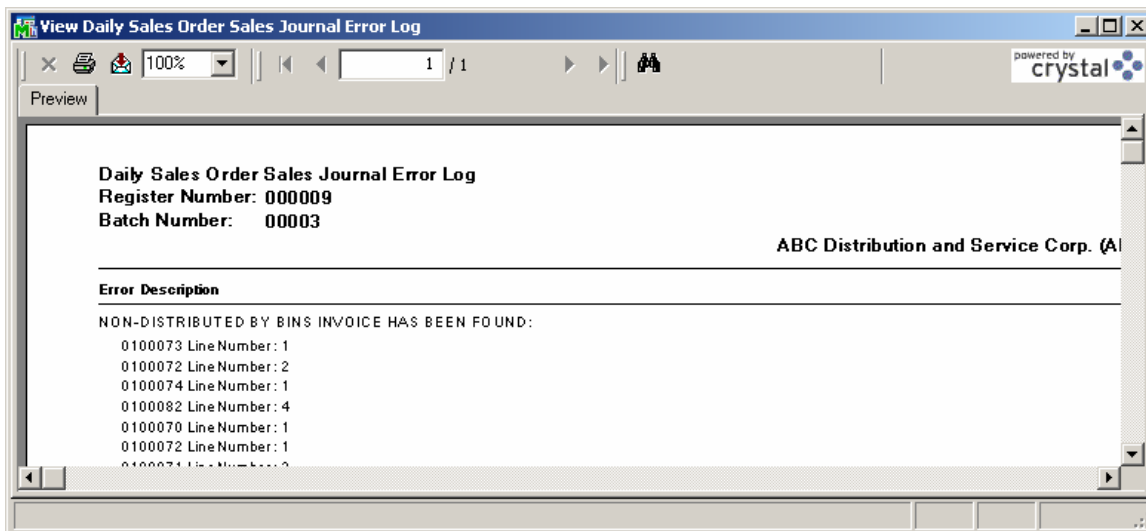
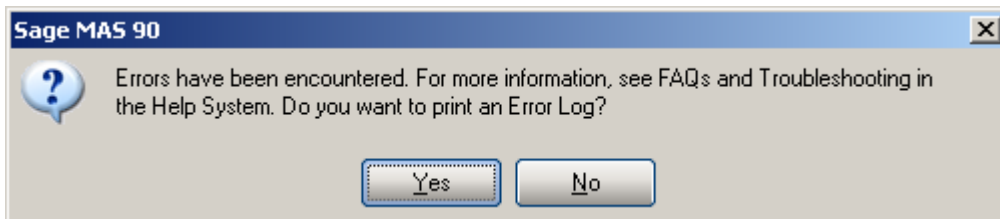
Inventory Quantity On Hand Balanced by Bin Detail File ()

ITEM NUMBER	WHSE	COSTING METHOD	PROD LINE	PROD TYPE	WHSE DTL QNTY (IM2)	COST DTL QNTY (IM3)	BIN DTL QNTY (IM_BN)
1001-HON-H252	000	FIFO	F	WF&A	14.00- 14.00-	14.00- 14.00-	10.00 14.00-

Note: This utility updates the quantities in the detail files, and does not update the G/L.

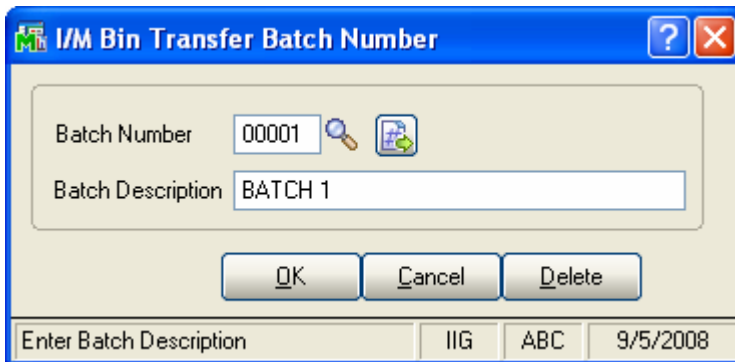
Daily Sales Reports/Updates

If there are Invoices with lines (from Warehouse(s) with Bins) not distributed or distributed partially then the **Daily Sales Reports/Updates** is interrupted and error log is printed while updating the Sales Journal.



Bin Transfer Entry

The **Bin Transfer Entry** program has been added under the **Inventory Management Main** menu. The transfers do not post until the batch is printed and the user accepts the Batch Transfer Register.



I/M Bin Transfer Batch Number

Batch Number 00001

Batch Description BATCH 1

OK Cancel Delete

Enter Batch Description IIG ABC 9/5/2008

Specify desired **Batch Number** with **Batch Description** or select from the lookup.

Click **OK** to continue.

Bin Transfer Entry

Warehouse Code: 000 CENTRAL WAREHOUSE

Item Number: 1001-HON-H254 HON 4 DRAWER LETTER FLE W/O LK

From bin: A-B10-030-___

Quantity to Transfer: 0.00 Available Quantity: 0.00

To bin: A-A30-020-___

OK Undo Del

Whse	Item Number	Lot/Serial	From Bin	Qty	To Bin
000	GB-MD750	14-483	A-B10-030-___	1.00	A-A20-070-___

Keep Warehouse Keep Bin Keep Item Batch: 00001

Select All Unselect All Del. sel. lines Cancel Print

IIG ABC 9/5/2008

Select **Warehouse Code** and **Item Number** in the corresponding fields.

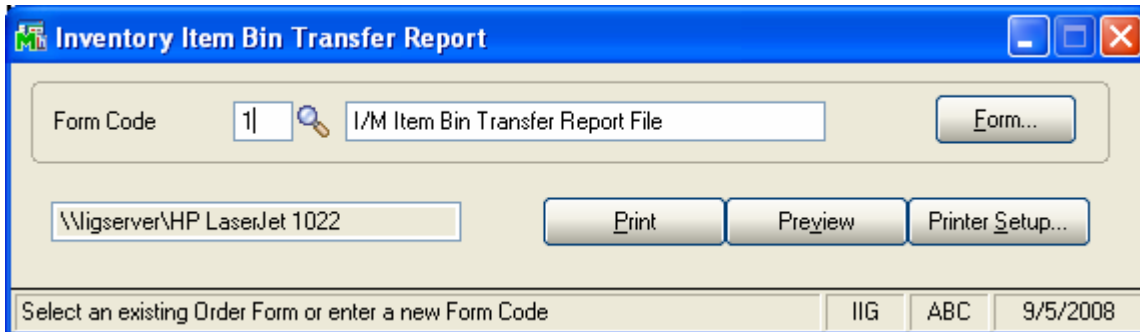
In the **From bin** field specify the warehouse from which the quantity is going to be transferred and in the **To bin** field specify the warehouse where the quantity is going to be populated.

Specify the **Quantity to Transfer** in the corresponding field.

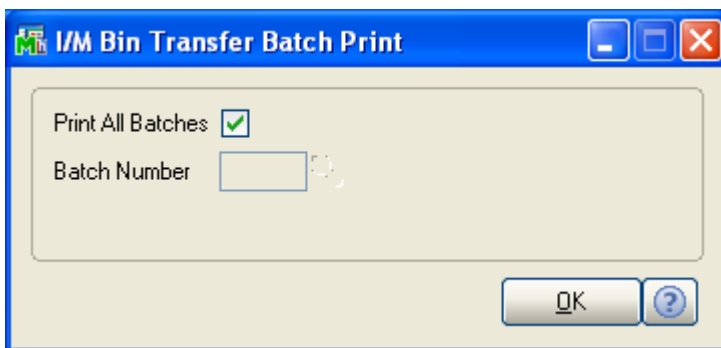
If the **Keep Warehouse**, **Keep Bin**, **Keep Item** check boxes are selected, the values of the **From bin**, **Quantity to Transfer**, **To bin** fields will remain after clicking **OK**. Clicking the **Print** button will open the **Bin Transfer Register**.

Bin Transfer Register

The **Bin Transfer Register** program has been added under the **Inventory Management Main** menu.

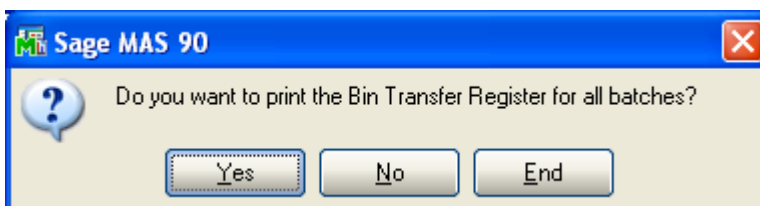


When clicking the **Print/Preview** button, the **I/M Batch Print** screen is opened.

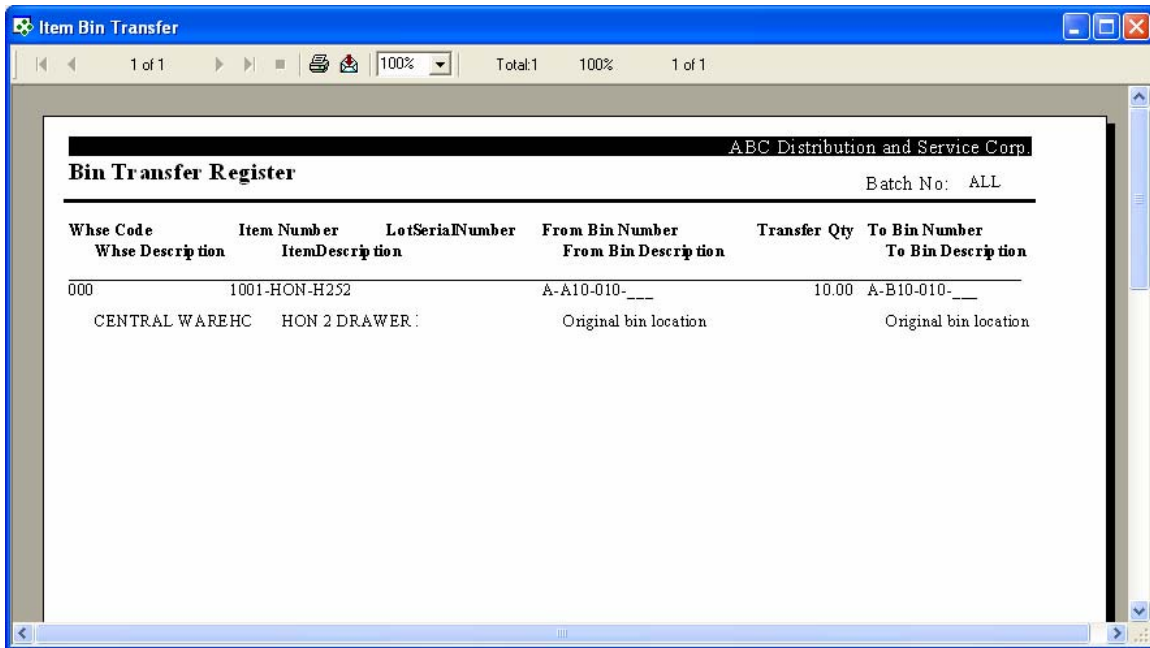


In this screen choose to print either All Batches (by selecting the **Print All Batches** option) or an exact one (by removing the **Print All Batches** option).

If you select the **Print All Batches** check box, the following message is displayed:

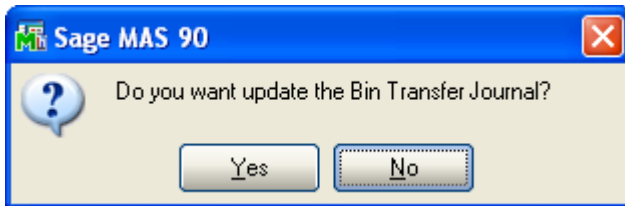


Here is an example of printout:



Whse Code	Whse Description	Item Number	Item Description	LotSerialNumber	From Bin Number	From Bin Description	Transfer Qty	To Bin Number	To Bin Description
000	CENTRAL WAREHC	1001-HON-H252	HON 2 DRAWER		A-A10-010-___	Original bin location	10.00	A-B10-010-___	Original bin location

After closing the printout, a confirmation box appears asking whether to update the **Bin Transfer Journal** or not.



After clicking **Yes**, the Items will be transferred.

Auto Generate Invoice Selection

The **Auto distribute by bin location** check box has been added to the **Auto Generate Invoice Selection** screen. This check box will be disabled if the **Ship Invoice Complete** box is not selected.

Order Type to Generate From: Standard/Back Orders Batch: 00006

Ship Invoice Complete:

Select Expired Orders:

Select Orders on Hold:

Auto distribute by bin location:

Select Field	Operand	Value
Sales Order Number	All	
Sales Order Date	All	
Customer Number	All	
Salesperson	All	
Cycle Code	All	
Ship Date	All	
Promise Date	All	

Clear Proceed Cancel [Print] [Help]

If the **Auto distribute by bin location** check box is selected, all the ordered quantities will be shipped during generation. Otherwise, if that box is not selected, only the quantities will be shipped which have been distributed in Sales Order. If the quantities have not been distributed, the ship quantities will be 0 for each line.