



Release Back Order For Sage 100 ERP

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PLEASE NOTE: SAGE 100 ERP must already be installed on your system before installing any IIG enhancement. If not already done, perform your SAGE 100 ERP installation and setup now; then allow any updating to be accomplished automatically.

Once SAGE 100 ERP installation and file updating is complete, you may install your IIG enhancement product by following the procedure below.

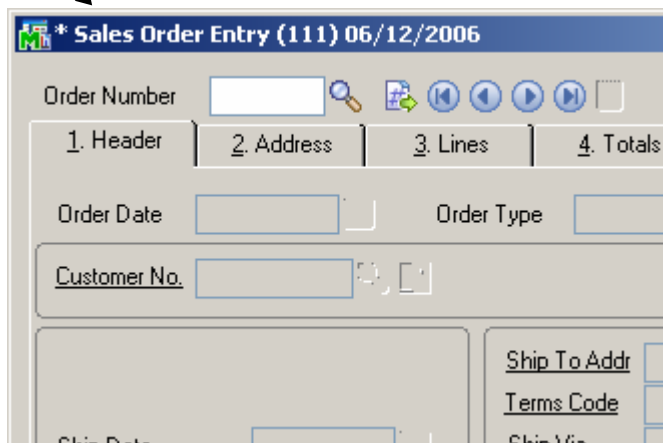
Wait! Before You Install – Do You Use CUSTOM OFFICE?

THIS IS AN IMPORTANT CAUTION: If you have Custom Office installed, **and** if you have modified any SAGE 100 ERP 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 SAGE 100 ERP.

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 the following fields and controls:

- Registered Customer:** IIG
- Registration Information:**
 - Reseller Name: [Empty]
 - Serial Number: 1111111
 - Customer Number: 222222222
 - User Key: 33333333333333333333
 - Product Key: 55555 55555 55555 55555 55555
- Table:**

Enhancement	Level	Release Date	Serial Number	Unlocking Key
IIG Enhancement Name	4.50		AAAAAAAAAAAAAAAAAA	BBBBBB
- Buttons:** OK, Undo, Print Registration Form, Close, Print.
- Status Bar:** IIG ABC 09/27/2011

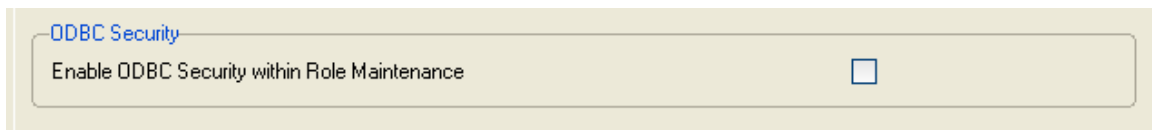
Enter **Serial Number** and **Unlocking Key** provided by IIG, and click **OK**.

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.

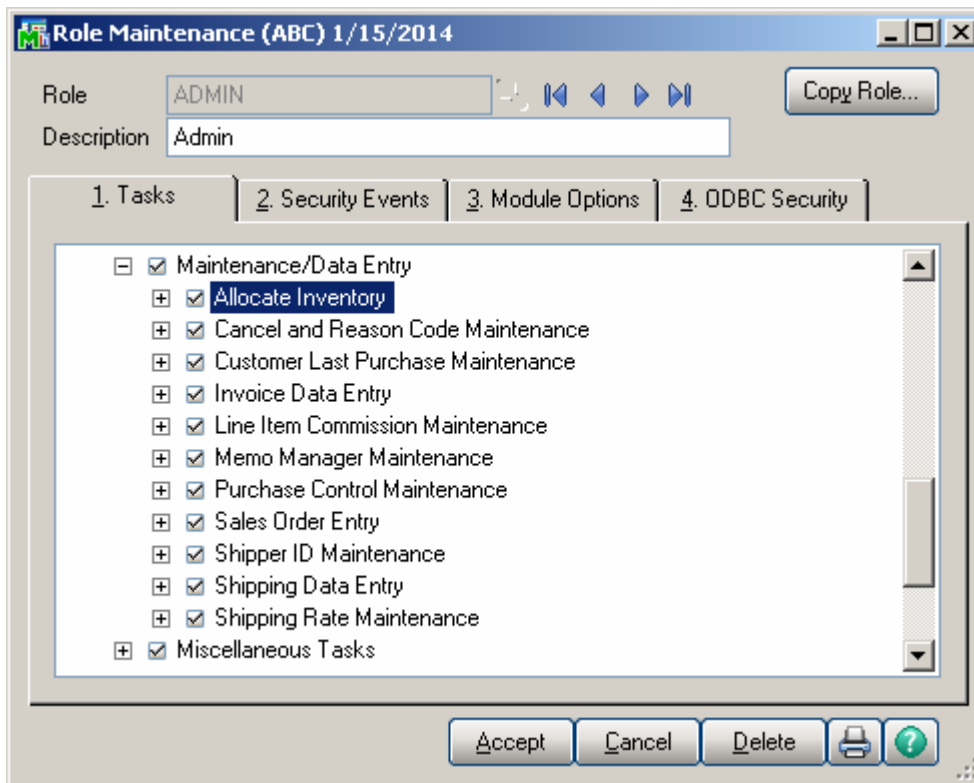
ODBC Security

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.



Role Maintenance

After installing an **IIG Enhancement**, permissions must be configured for newly created Tasks and Security Events.



Introduction

The **Release Back Order** enhancement enables allocating inventory to the Sales Orders in order to track real availability of the items on open orders. Manual as well as auto allocation of inventory to the order lines is provided. The allocated quantities can be shipped completely in the Invoice Data Entry and Shipping Data Entry. This enhancement enables also Future Order processing.

Release Back Order Processing

Sales Order Options

Select the **Main** tab of the **Sales Order Options** program under the **Sales Order Setup** menu.

Sales Order Options (ABC) 4/22/2013

1. Main | 2. Entry | 3. Line Entry | 4. Forms | 5. Printing | 6. Quick Print | 7. History | 8. Job Cost

Enable Shipping

Post Sales to General Ledger by Division Yes

Post Customer Deposits by Division

Post Deposits in Detail

Calendar Month: 2010
Current Calendar Year: 2010
Current Period: 05

Integrate with:
General Ledger
Inventory Management
Job Cost

Default General Ledger Accounts:

Customer Deposits	201-00-00	Customer Deposits
Special Item Sales	400-01-01	Distribution sales - East
Special Item COGS	450-10-00	Cost of Goods Sold
Special Item Purchases	450-01-00	Purchases

Allow Future Order Number of days in the future for setting Future Flag in Sales Order: 5

Suppress S/O lines with zero Quantity Allocated during Picking Sheet printing:

Accept Cancel [Printer Icon] [Help Icon]

Check the **Suppress S/O lines with zero Quantity Allocated during Picking Sheet printing** box to exclude the lines with no quantity allocated from printing in the Picking Sheets.

The **Allow Future Order** option enables Future Order processing. Select this option and corresponding checkbox will be shown on the Header of the **Sales Order Entry** screen allowing you to mark future orders and prevent auto allocation of the inventory.

The **Number of days in the future for setting Future Flag in Sales Order** option allows for automatically setting the **Future Order** flag upon entering a Sales Order or changing the Ship Date if the order's ship date is more than the number of days specified here. This option is enabled only if the **Allow Future Order** checkbox is selected.

Sales Order Entry

Auto Allocation

The enhancement enables user to allocate items for Standard and Back Orders.

When a line is added in the Sales Order, allocation is performed automatically if the Order is not marked as Future Order.

Sales Order Entry (ABC) 12/20/2011

Order Number: 0000175

Order Date: 12/20/2011

Order Type: Standard Order

Customer No.: 01-ABF (American Business Futures)

Ship Date: 12/20/2011

Ship To Addr: 2 (American Business Futures)

Terms Code: 01 (Net 30 Days)

Ship Via: UPS BLUE

Confirm To: John Quinn

E-mail: artie@abf.com

Salesperson: 0100 (Jim Kentley)

Future Order: Priority (1=high): 5

Print Order:

Print Pick Sheets:

Quick Print Without Displaying Printing Window:

Buttons: Print Order..., Print Pick..., Recalc Price, Accept, Cancel, Delete, Help

Sales Order Entry (ABC) 2/7/2013

Order Number 0000175

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

	Item Code	Ordered	Allocated Qty	Back Ordered	Unit Price	Extension
1	1001-HON-H254LK	5.00	5.00	.00	130.950	654.75
2	2480-8-50	10.00	10.00	.00	32.504	325.04
3		.00	.00	.00	.000	.00

Quick Row 1

Description	HON 4 DRAWER LETTER FLE W/ LCK
Warehouse	001
Unit Of Measure	EACH
Shipped	.00
Price Level	1

Available Allocate Quantity is 9 EACH

Total Amount 979.79

Print Order... Print Pick... Recalc Price Accept Cancel Delete

By default, the **Allocated Qty** is set equal to the Quantity Ordered and can be changed if needed. Select the **Allocated Quantity** field to see the **Available Allocate Quantity**.

The Quantity Allocated cannot exceed Quantity Ordered and Quantity Available for Allocation.

The Allocated quantities can be zeroed through the **Release** button added on the **Header** tab.

Click the **Item Quantity Inquiry** button on the **Lines** tab of **Sales Order Entry** screen to see the allocated quantities.

Item Code: 1001-HON-H254LK HON 4 DRAWER LETTER FLE W/ LCK Standard U/M: EACH

Whse	Description	On Hand	On PO	On SO	On Bk Ord	Committed	Availa...	Allocated
000	CENTRAL ...	28.00	.00	.00	.00	.00	28.00	.00
001	EAST WA...	9.00	.00	8.00	.00	8.00	6.00	5.00
002	WEST WA...	1.00	.00	3.00	2.00	5.00	4.00-	1.00
Totals		38.00	.00	11.00	2.00	13.00	30.00	6.00

Future Orders

The **Future Order** functionality has been added to the **Sales Order Entry**.

Check the **Future Order** box if you do not want to allocate inventory automatically. If this box is checked, the items can be allocated in the **Lines** only by using the **Allocate** button or manually entering the quantities in the **Allocated Qty** field.

Click the **Allocate** button to allocate all the items of the order.

Click the **Release** button to set to zero all Allocated Quantities in the Order.

The Order(s) are automatically placed as future if there is number of days specified for **Number of days in the**

future for setting Future Flag in Sales Order field in the Sales Order Options. If the difference of days between the Order's **Ship Date** and current **Module Date** exceeds the number of days specified in the Sales Order Options the Order is automatically placed as future.

The screenshot shows the 'Sales Order Entry' window for order 0000184, dated 7/1/2013. The 'Future Order' checkbox is checked and highlighted with a blue box. The 'Ship Date' is set to 7/15/2013. The 'Salesperson' is Jim Kentley (0100). The 'Priority (1=high)' is set to 2. The 'Future Order' checkbox is checked, indicating the order is automatically placed as future.

Allocate Inventory

The **Allocate Inventory** program has been added to the **Sales Order Main** menu.

The screenshot shows the 'Allocate Inventory' window. It features a table for selecting fields and operands, a set of control buttons, and a main data table.

Select Field	Operand	Value
Sales Order Number	All	
Sales Order Date	All	
Sales Order Ship Date	All	
Sales Order Priority Code	All	
Customer Number	All	
Item Code	All	

Buttons: Select, Clear, Include All, Exclude All, Allocate All

Exclude Orders On Hold Exclude Accounts On Credit Hold Exclude Future Orders

SO No.	Ship Date	Customer No.	Item No.	Whse	U/M	Qty Ord.	Qty Alloc.	Qty Allowed	Incl	Item Description
--------	-----------	--------------	----------	------	-----	----------	------------	-------------	------	------------------

Buttons: Release Allocation, Close

The following selection criteria are available: **Sales Order Number, Sales Order Date, Sales Order Ship Date, Sales Order Priority Code, Customer Number, Item Code**. Click **Select** button after applying the necessary selection filters.

Select Field	Operand	Value
Sales Order Number	All	
Sales Order Date	All	
Sales Order Ship Date	All	
Sales Order Priority Code	All	
Customer Number	All	
Item Code	All	

Line	SD No.	Ship Date	Customer No.	Item No.	Whse	U/M	Qty Ord.	Qty Alloc.	Qty Allowed	Incl	Item Description
1	0000183	2/6/2013	01-ABF	D1400	001	EACH	10.00	.00		<input checked="" type="checkbox"/>	EXECUTIVE DESK ENSEMBLE
2	0000178	2/14/2012	01-ABF	1001-HON-H252	001	EACH	3.00	3.00		<input checked="" type="checkbox"/>	HON 2 DRAWER LETTER FLE W/D
3	0000178	2/14/2012	01-ABF	2480-8-50	001	EACH	5.00	5.00	145	<input checked="" type="checkbox"/>	DESK FILE 8" CAP 50
4	0000179	2/14/2012	01-ABF	1001-HON-H252LK	000	EACH	5.00	5.00		<input checked="" type="checkbox"/>	HON 2 DRAWER LETTER FLE W/L
5	0000179	2/14/2012	01-ABF	1001-HON-H254	001	EACH	3.00	3.00		<input checked="" type="checkbox"/>	HON 4 DRAWER LETTER FLE W/D
6	0000175	12/20/2011	01-ABF	1001-HON-H254LK	001	EACH	5.00	5.00		<input checked="" type="checkbox"/>	HON 4 DRAWER LETTER FLE W/L
7	0000175	12/20/2011	01-ABF	2480-8-50	001	EACH	10.00	10.00		<input checked="" type="checkbox"/>	DESK FILE 8" CAP 50
8	0000176	12/20/2011	01-ABF	1001-HON-H252	001	EACH	5.00	5.00		<input checked="" type="checkbox"/>	HON 2 DRAWER LETTER FLE W/D
9	0000176	12/20/2011	01-ABF	2480-8-50	001	EACH	2.00	2.00		<input checked="" type="checkbox"/>	DESK FILE 8" CAP 50
10	0000115	5/31/2010	01-ABF	D1400	001	EACH	4.00	.00		<input type="checkbox"/>	EXECUTIVE DESK ENSEMBLE
11	0000115	5/31/2010	01-ABF	D1700	001	EACH	2.00	.00		<input checked="" type="checkbox"/>	SECRETARY DESK ENSEMBLE
12	0000156	5/31/2010	02-ATOZ	1001-HON-H252	001	EACH	2.00	2.00		<input checked="" type="checkbox"/>	HON 2 DRAWER LETTER FLE W/D
13	0000157	5/31/2010	02-CUSTOM	6650-26-16-11	001	EACH	3.00	3.00		<input checked="" type="checkbox"/>	SOUND CVR 26"W 16"D 11"H DM
14	0000158	5/31/2010	02-AUTOOCR	D1000	001	EACH	2.00	.00		<input checked="" type="checkbox"/>	DESK 72" X 30"

Qty Alloc. displays the Quantity already allocated in the Sales Order. If the item has not been allocated on the Sales Order, the **Qty Alloc.** is set to 0 and the field next to it displays the quantity available for allocation.

Allocated Quantities can be changed. When the **Qty Alloc.** field is selected, the **Qty Allowed** is displayed next to it. Quantity Allocated cannot be set to exceed Quantity Ordered or Quantity Allowed.

Items can be allocated automatically by placing checkmarks in the **Incl** (Included) column in the lines. The **Include** and **Exclude All** buttons are also available. Click the **Allocate All** button to perform auto allocation.

The Include checkmarks cannot be set for Future Orders.

The program highlights the changed Allocated Quantities.

Release Allocation button allows the user to release allocated quantities for the lines having **Incl** flag turned on. Upon pressing this button the **Qt Alloc** field is zeroed for the lines marked as **Incl.**:

Select Field	Operand	Value
Sales Order Number	All	
Sales Order Date	All	
Sales Order Ship Date	All	
Sales Order Priority Code	All	
Customer Number	All	
Item Code	All	

SD No.	Ship Date	Customer No.	Item No.	Whse	U/M	Qty Ord.	Qty Alloc.	Qty Allowed	Incl	Item Description
1	0000183 2/6/2013	01-ABF	D1400	001	EACH	10.00	.00		<input checked="" type="checkbox"/>	EXECUTIVE DESK ENSEMBLE
2	0000178 2/14/2012	01-ABF	1001-HON-H252	001	EACH	3.00	.00		<input checked="" type="checkbox"/>	HON 2 DRAWER LETTER FLE W/O
3	0000178 2/14/2012	01-ABF	2480-8-50	001	EACH	5.00	.00	162	<input checked="" type="checkbox"/>	DESK FILE 8" CAP 50
4	0000179 2/14/2012	01-ABF	1001-HON-H252LK	000	EACH	5.00	.00		<input checked="" type="checkbox"/>	HON 2 DRAWER LETTER FLE W/L
5	0000179 2/14/2012	01-ABF	1001-HON-H254	001	EACH	3.00	.00		<input checked="" type="checkbox"/>	HON 4 DRAWER LETTER FLE W/O
6	0000175 12/20/2011	01-ABF	1001-HON-H254LK	001	EACH	5.00	.00		<input checked="" type="checkbox"/>	HON 4 DRAWER LETTER FLE W/L
7	0000175 12/20/2011	01-ABF	2480-8-50	001	EACH	10.00	.00		<input checked="" type="checkbox"/>	DESK FILE 8" CAP 50
8	0000176 12/20/2011	01-ABF	1001-HON-H252	001	EACH	5.00	.00		<input checked="" type="checkbox"/>	HON 2 DRAWER LETTER FLE W/O
9	0000176 12/20/2011	01-ABF	2480-8-50	001	EACH	2.00	.00		<input checked="" type="checkbox"/>	DESK FILE 8" CAP 50
10	0000115 5/31/2010	01-ABF	D1400	001	EACH	4.00	.00		<input checked="" type="checkbox"/>	EXECUTIVE DESK ENSEMBLE
11	0000115 5/31/2010	01-ABF	D1700	001	EACH	2.00	.00		<input checked="" type="checkbox"/>	SECRETARY DESK ENSEMBLE
12	0000156 5/31/2010	02-ATOZ	1001-HON-H252	001	EACH	2.00	.00		<input checked="" type="checkbox"/>	HON 2 DRAWER LETTER FLE W/O
13	0000157 5/31/2010	02-CUSTOM	6650-26-16-11	001	EACH	3.00	.00		<input checked="" type="checkbox"/>	SOUND CVR 26"W 16"D 11"H DM
14	0000158 5/31/2010	02-AUTOOCR	D1000	001	EACH	2.00	.00		<input checked="" type="checkbox"/>	DESK 72" X 30"

For exploded kits allocation is available for component lines only.

The orders on hold, future orders and accounts on credit hold can be excluded from selection and the data being loaded in the grid can be sorted by columns.

The **Exclude Orders On Hold**, **Exclude Accounts On Credit Hold** and **Exclude Future Orders** checkboxes are selected by default.

If the **Exclude Orders On Hold** checkbox is selected, all orders having **Status** set **On Hold** in the Sales Order Entry will be excluded from selection.

If the **Exclude Accounts On Credit Hold** checkbox is selected, all Orders which Customers have the **Credit Hold** checkbox selected in the **Customer Maintenance** will be excluded from selection.

If the **Exclude Future Orders** checkbox is selected, all orders indicated as future in the Sales Order Entry will be ignored during the selection. After the records are loaded in the grid the user can sort the rows of the grid by any of the column just clicking on the corresponding column.

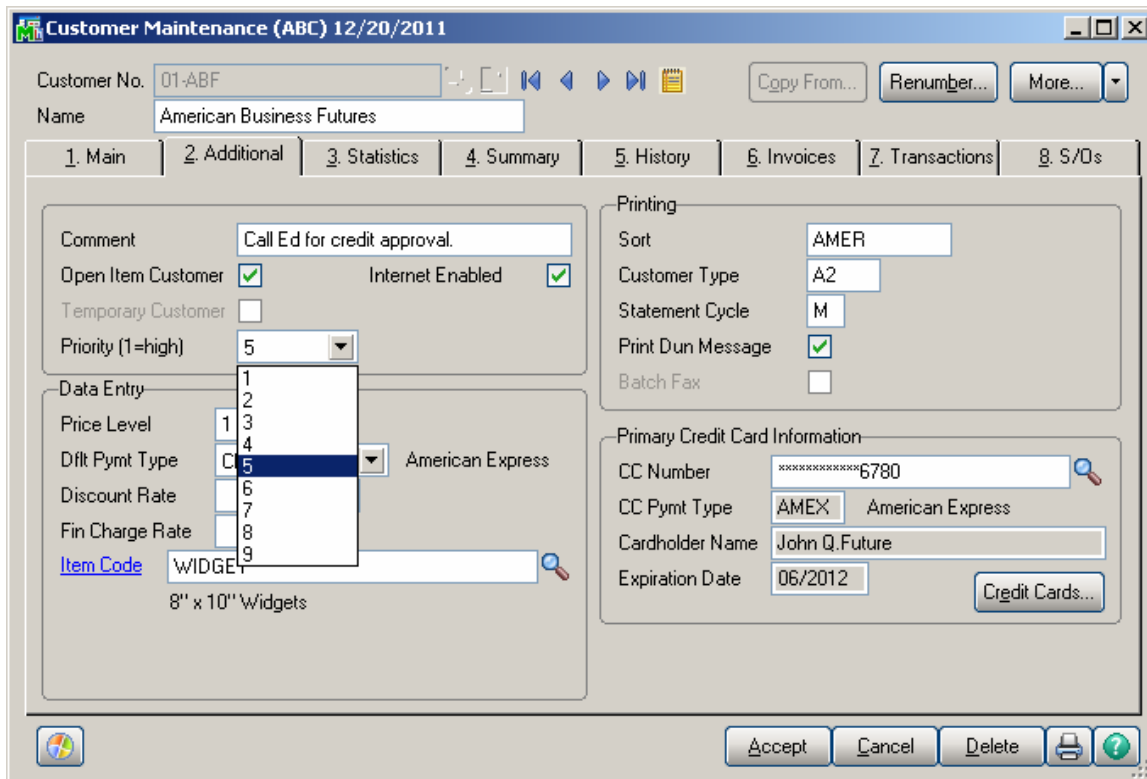
SO No.	Ship Date	Customer No.	Item No.	Whse	U/M	Qty Ord.	Qty Alloc.	Qty Allowed	Incl	Item Description
1	0000183 2/6/2013	01-ABF	D1400	001	EACH	10.00	.00		<input checked="" type="checkbox"/>	EXECUTIVE DESK ENSEMBLE
2	0000178 2/14/2012	01-ABF	1001-HON-H252	001	EACH	3.00	.00		<input checked="" type="checkbox"/>	HON 2 DRAWER LETTER FLE W/O
3	0000178 2/14/2012	01-ABF	2480-8-50	001	EACH	5.00	.00	162	<input checked="" type="checkbox"/>	DESK FILE 8" CAP 50
4	0000179 2/14/2012	01-ABF	1001-HON-H252LK	000	EACH	5.00	.00		<input checked="" type="checkbox"/>	HON 2 DRAWER LETTER FLE W/ L
5	0000179 2/14/2012	01-ABF	1001-HON-H254	001	EACH	3.00	.00		<input checked="" type="checkbox"/>	HON 4 DRAWER LETTER FLE W/O
6	0000175 12/20/2011	01-ABF	1001-HON-H254LK	001	EACH	5.00	.00		<input checked="" type="checkbox"/>	HON 4 DRAWER LETTER FLE W/ L
7	0000175 12/20/2011	01-ABF	2480-8-50	001	EACH	10.00	.00		<input checked="" type="checkbox"/>	DESK FILE 8" CAP 50
8	0000176 12/20/2011	01-ABF	1001-HON-H252	001	EACH	5.00	.00		<input checked="" type="checkbox"/>	HON 2 DRAWER LETTER FLE W/O
9	0000176 12/20/2011	01-ABF	2480-8-50	001	EACH	2.00	.00		<input checked="" type="checkbox"/>	DESK FILE 8" CAP 50
10	0000115 5/31/2010	01-ABF	D1400	001	EACH	4.00	.00		<input checked="" type="checkbox"/>	EXECUTIVE DESK ENSEMBLE
11	0000115 5/31/2010	01-ABF	D1700	001	EACH	2.00	.00		<input checked="" type="checkbox"/>	SECRETARY DESK ENSEMBLE
12	0000156 5/31/2010	02-ATOZ	1001-HON-H252	001	EACH	2.00	.00		<input checked="" type="checkbox"/>	HON 2 DRAWER LETTER FLE W/O
13	0000157 5/31/2010	02-CUSTOM	6650-26-16-11	001	EACH	3.00	.00		<input checked="" type="checkbox"/>	SOUND CVR 26"W 16"D 11"H DM
14	0000158 5/31/2010	02-AUTOCR	D1000	001	EACH	2.00	.00		<input checked="" type="checkbox"/>	DESK 72" X 30"

In our example the records are sorted by Ship Date descending.

Automatic Allocation Priority

Automatic Allocation is based on the Sales Order **Priority**.

The **Priority** field on the **Additional** tab of the **Customer Maintenance** screen is intended for setting priority for the selected Customer. This priority is defaulted to the Sales Order when creating an Order.



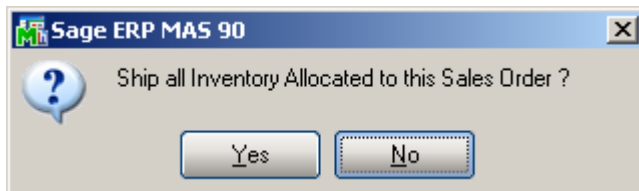
The screenshot shows the 'Sales Order Entry (ABC) 12/20/2011' window. The 'Priority (1=high)' dropdown menu is highlighted with a blue box, showing the value '5'. Other visible fields include 'Order Number' (0000177), 'Order Date' (12/20/2011), 'Order Type' (Standard Order), 'Customer No.' (01-ABF), 'Ship To Addr' (2), 'Terms Code' (01), 'Ship Via' (UPS BLUE), 'Confirm To' (John Quinn), 'E-mail' (artie@abf.com), 'Salesperson' (0100), and 'Priority (1=high)' (5). Buttons for 'Release' and 'Allocate' are also visible.

One (1) is the highest priority number; nine (9) is the lowest. The default is five (5).

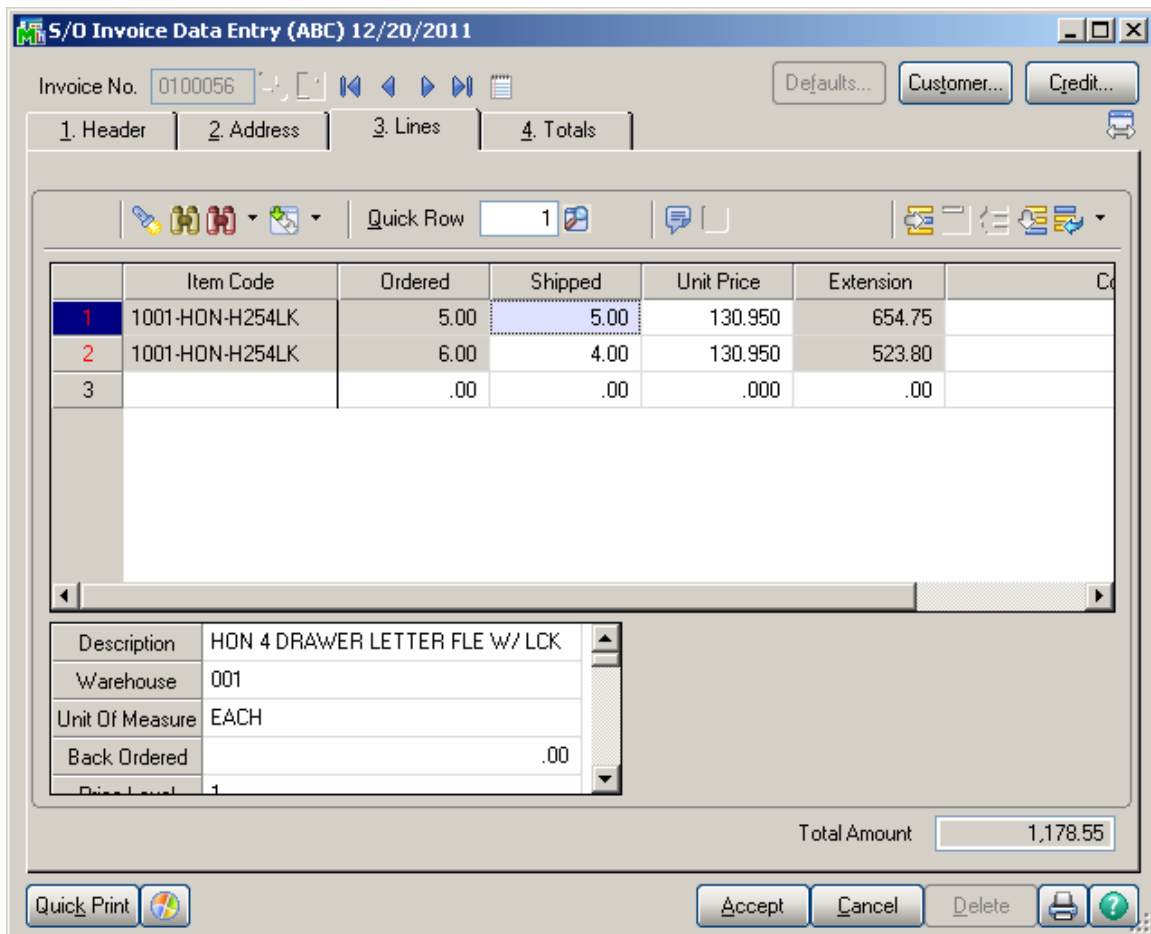
If the quantity available of the item is not sufficient to fulfill several Sales Orders, the item will be allocated to the higher priority order first. If orders have the same priority, the older date order is allocated first. If the dates are the same, the order with the smaller order number is allocated first.

Shipping Allocated Quantity**Invoice Data Entry**

When creating an Invoice, the following message appears:

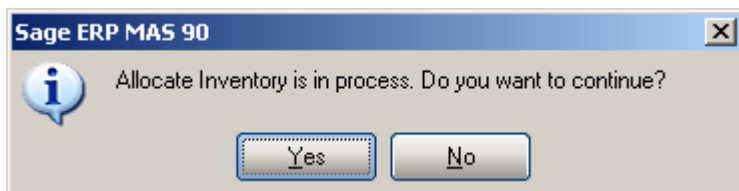


Click **Yes** to ship allocated quantities.



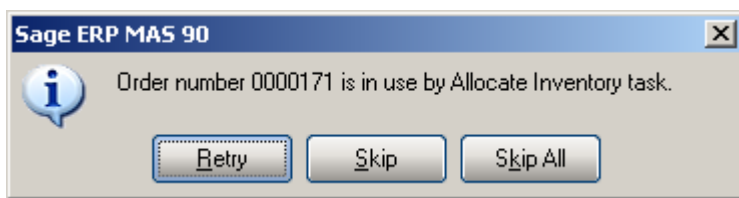
When generating Invoice(s) through the **Auto Generate Invoice Selection** program the quantity allocated (except of

the Lot/Serial Items) in the Sales Order(s) will be automatically set as Shipped in the generated Invoice(s). If the **Allocate Inventory** is in process the following message will appear while trying to generate Invoice(s) by the **Auto Generate Invoice Selection** program.



The user can select **Yes** to continue the process or **No** to terminate it.

During generation the user is prompted about the Order (s) being used by the Allocate Inventory process:



Shipping Data Entry

The **Ship Allocated** button added on the **Lines** tab of the **Shipping Data Entry** allows shipping the quantities allocated in the Sales Order.

Shipping Data Entry (ABC) 12/26/2011

Shipper ID: 1 Ship Date: 12/26/2011 Order No.: 0000176
Shipping No.: 0100062 Ship Status: New SO Created By: IIG
Customer No.: 01-ABF American Business Futures

1. Lines 2. Shipping

Item Code: Quick Row: 1 Pkg: 0001

	Item Code	Ordered	Shipped	Back Ordered	Comment
1	1001-HON-H252	10.00	.00	.00	
2	2480-8-50	5.00	.00	.00	

Description: Warehouse: U/M: Package:

Quick Print Auto Increment Ship Allocated Accept Cancel Delete

Upon clicking the **Ship Allocated** button Shipped quantity is set equal to the quantity allocated in the Sales Order.

Shipping Data Entry (ABC) 12/26/2011

Shipper ID: 1 Ship Date: 12/26/2011 Order No.: 0000176
Shipping No.: 0100062 Ship Status: New SO Created By: IIG
Customer No.: 01-ABF American Business Futures

1. Lines 2. Shipping

Item Code: Quick Row: 1 Pkg: 0001

	Item Code	Ordered	Shipped	Back Ordered	Comment
1	1001-HON-H252	10.00	10.00	.00	
2	2480-8-50	5.00	5.00	.00	

Description: HON 2 DRAWER LETTER FILE W/O LK
Warehouse: 001
U/M: EACH
Package: 0001

Quick Print Auto Increment Ship Allocated

Accept Cancel Delete [Print] [Help]

Auto Allocation During Journals Updates

The **Daily Receipt Registers/Update**, **Production Entry Register** and **I/M Transaction Journal** (for Adjustment and Receipt Transaction types) update programs have been modified to automatically allocate inventory to orders for updated inventory items. Respective option has been added to the **Inventory Management Options**, **Purchase Order Options** and **Bill of Materials Options** screens to make the auto allocation optional.

Sales Orders being in use while running the updates will be skipped from inventory auto allocation.

If the quantity available of the item is not sufficient to fulfill several Sales Orders, the Inventory is allocated to the higher priority order first. If orders have the same priority, the older date order is allocated first. If the dates are the same, the order with the smaller order number is allocated first.

The Inventory is automatically allocated only to the orders not set as **Future**.

***Note:** The auto allocation will not affect the orders being in use by the Sales Order Entry, Allocate Inventory programs and the ones being invoiced.*

Inventory Management Options

The **Allocate Inventory to Sales Orders During Update** checkbox added on the Main tab of the Inventory Management Options screen enables inventory auto allocation to Sales Orders during Transaction Journal update.

Inventory Management Options (ABC) 2/6/2013

1. Main | 2. Additional | 3. Entry | 4. Printing

Require Multiple Warehouses

Reorder by Warehouse

Default Warehouse Code 000

Inventory Period

Base Inventory Periods On Calendar Months

Current Calendar Year 2010

Current Period 05

Segment Substitution

G/L Segment for Whse Postings Location

Enable Warranty Tracking

Track Warehouse Transfers as Issues

Calculate Commission by Inventory Item

Include in Quantity Available No POs and WOs

Integrate with

General Ledger

Job Cost

Allocate Inventory to Sales Orders During Update

Accept Cancel [Printer Icon] [Help Icon]

For I/M Adjustment Transaction only the adjustments entered with positive quantity to increase the quantity on hand are taken into account.

Purchase Order Options

The **Allocate Inventory to Sales Orders During Receipt Update** checkbox added on the **Main** tab of the **Purchase Order Options** screen enables inventory auto allocation to Sales Orders.

Purchase Order Options (ABC) 2/6/2013 [?] [] [X]

1. Main | 2. Additional | 3. Generate | 4. Entry | 5. Line Entry | 6. Printing | 7. History

Purchase Orders

Days to Retain Completed Purchase Orders:

Automatically Close Partially Received Purchase Orders:

Receipt Variance to Close Purchase Order Lines:

Post Accounts Payable Invoices:

Calendar Month

Current Calendar Year:

Current Period:

Integrate with

General Ledger:

Inventory Management:

Job Cost:

Bank Reconciliation:

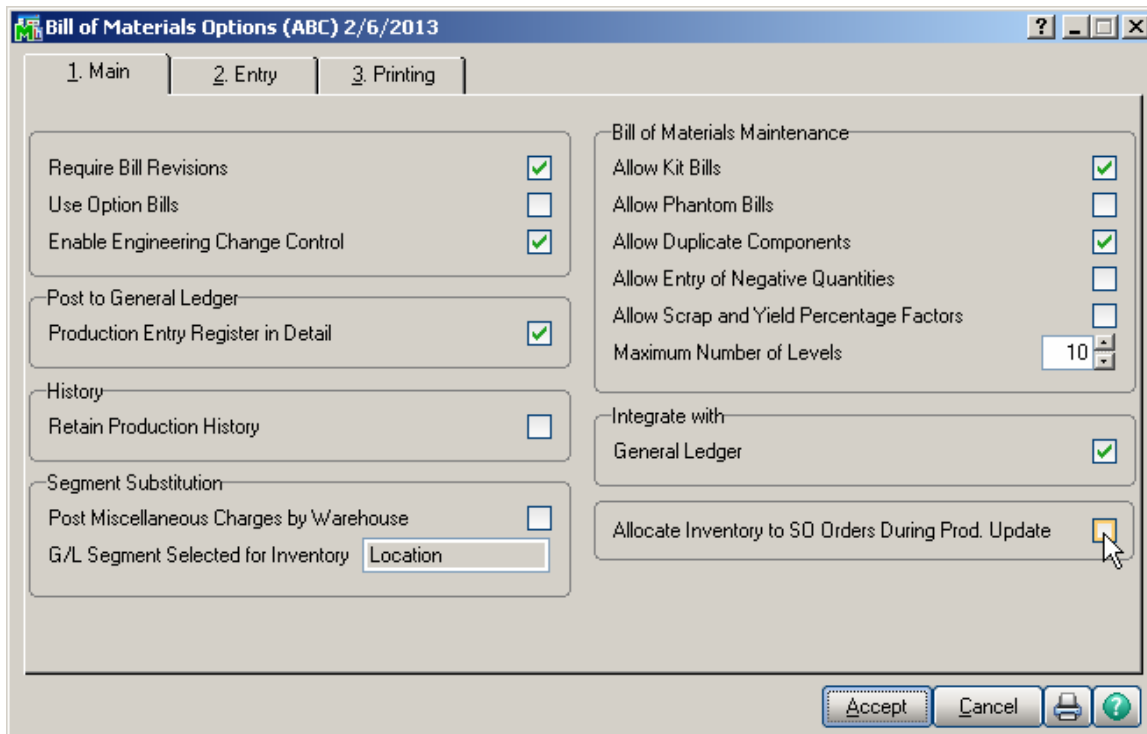
Work Order:

Allocate Inventory to Sales Orders During Receipt Update:

Accept Cancel [Print] [Help]

Bill of Materials Options

The **Allocate Inventory to SO Orders During Prod. Update** checkbox added on the **Main** tab of the **Bill of Materials Options** screen enables taking care of Bill items auto allocation to Sales Orders.



Warehouse Code Maintenance

The **Include In Allocation** checkbox added on the **Warehouse Code Maintenance** allows the user to select the warehouse(s) to be included in the calculation of total quantity allowed for allocation.

Warehouse Code Maintenance (ABC) 2/7/2013

Warehouse Code: 000

Description: CENTRAL WAREHOUSE

Name: ABC CENTRAL WAREHOUSE

Address: 1101 W. MAC ARTHUR BLVD.

ZIP Code: 92626

City: COSTA MESA State: CA

Country:

Telephone: Ext:

Fax:

E-mail Address:

Contact:

Post to Location: 03 Central Warehouse

Include In Allocation:

Accept Cancel Delete

Printings

Sales Order Printing

Open the **Sales Order Printing** program to Print/Preview Orders.

Sales Order Printing (ABC) 12/26/2011

Form Code: STANDARD

Description: RBO

Number of Copies: 1 Collated Multi-Part Form Enabled

Sort Orders By: Order Number

Order Type to Print: All Partial

Line 1 Message:

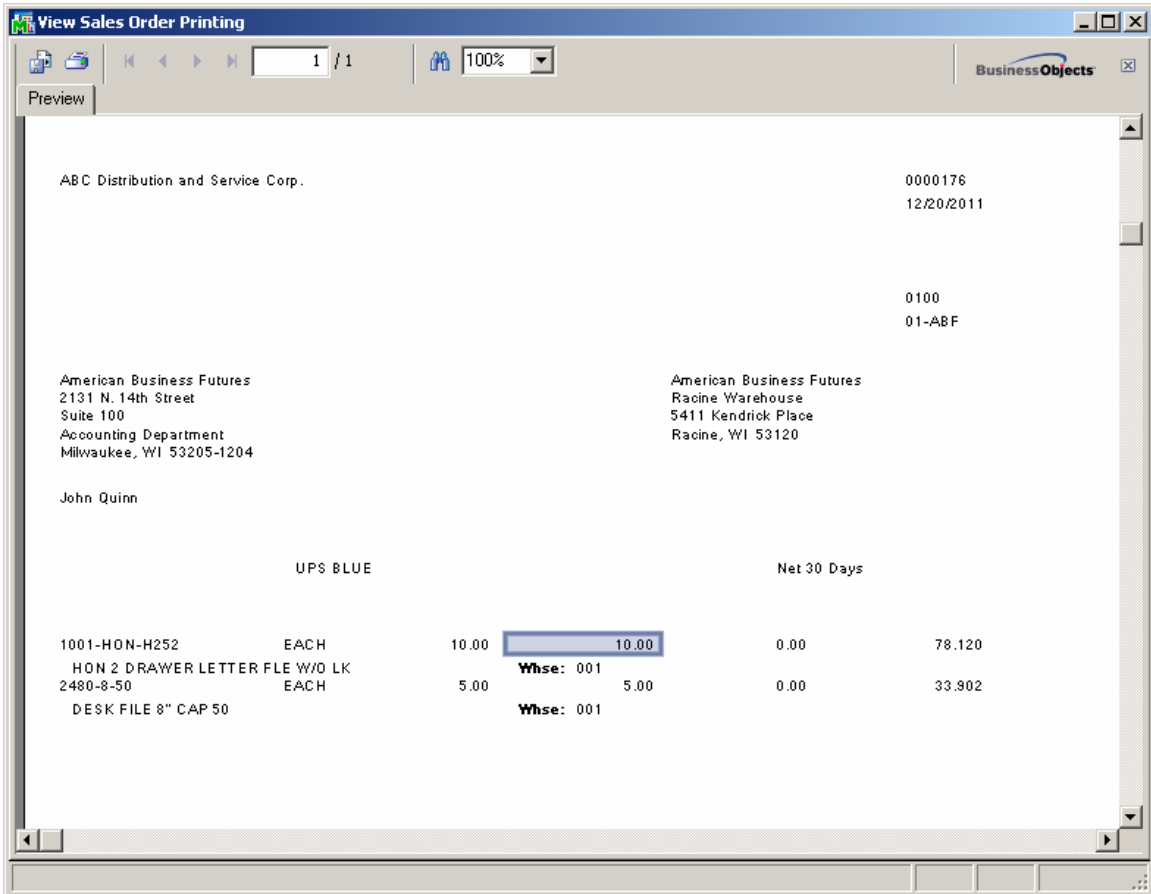
Line 2 Message:

Selections

Select Field	Operand	Value
Order Number	Equal to	0000176
Warehouse Code	All	

\\WIGSERVER\HP LaserJet 1022

For Standard and Back Orders the **Sales Order Printing** screen includes the **Quantity Allocated**.



Picking Sheet Printing

Select the **Picking Sheet Printing** under the **Sales Order Main** menu.

Picking Sheet Printing (ABC) 12/26/2011

Form Code: STANDARD

Description: RBO

Number of Copies: 1 Collated Multi-Part Form Enabled

Order Type to Print: All Include Unauthorized/Expired Credit Card Orders
 Print Orders on Hold Include Back Order Quantity in Quantity Ordered
 Print Comments: Partial Include Back Ordered Lines

Additional Item Types to Print

Charge Items Miscellaneous Items Special Items **Suppress not Allocated Lines**

Line 1 Message:
 Line 2 Message:

Selections

Select Field	Operand	Value
Order Number	Equal to	0000176
Warehouse Code	All	

\\MIGSERVER\HP LaserJet 1022

Check the **Suppress not Allocated Lines** box to exclude the lines with no quantity allocated from printing in the Picking Sheet.

This setting is defaulted to the **Suppress S/O lines with zero Quantity Allocated during Picking Sheet printing** box setting in the **Sales Order Options**.

The **Picking Sheet Printing** prints the **Quantity Allocated** instead of Quantity Ordered.

View Picking Sheet Printing

Page: 1

Picking Sheet

Warehouse: 001 EAST WAREHOUSE

Order Number: 0000176 **Order Date:** 12/20/2011

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 Code	Unit	Allocated	Shipped	Backordered	Code
C-100-10	2480-8-50	EACH	5.00			A
	DESK FILE 8" CAP 50					
		Quantity Backordered:	0.00			
		Lot Number:				
E-300-10	1001-HON-H252	EACH	10.00			A
	HON 2 DRAWER LETTER FILE W/O LK					
		Quantity Backordered:	0.00			

A special field has been added to the **Picking Sheet Printing** screen to indicate how many times the line has been printed in the Picking Sheet. Picking Sheets from the same Sales Order, printed with some time interval, may have different Allocated Quantities. The first time, the line is printed with **Code "A"**. The next time, the line is set to B, then C, and so on. Lines in the same Pick Sheet can have different Codes, if one of them was added to the Order later than another (after printing the Pick Sheet several times). Line Codes are reset during Daily Sales Reports/Updates.

Open Sales Order Report

Modifications have been done in **Open Sales Order Report** to add **Priority Code Sort Option** and **Select** drop down box.

The **Priority Code** field has been added to the **Selections** to allow tab, which allows specifying priority codes in the range of 1..9.

The **Select** drop down box is enabled only if the **Allow Future Order** option is selected on the **Main** tab of the **Sales Order Options**. Here you can select to print the report for **All Orders**, only for **Future Orders**, or for **All Orders except Future Orders**.

Open Sales Order Report (ABC) 12/27/2011

Report Setting: STANDARD [Save]

Description: Open Sales Order Report

Setting Options:

- Type: Public
- Print Report Settings:
- Number of Copies: 1
- Default Report:
- Three Hole Punch:
- Collated:

Sort Report By: Priority Code

Select: All Orders (dropdown menu open showing: All Orders, Only Future Orders, All Orders Except Future)

Sales Order Types to Print:

- All Types:
- Back Orders:
- Master Orders:
- Standard Orders:
- Price Quotes:
- Repeating Orders:
- RMA Orders:

Extension Calculation: Quantity On Order

Sales Order Statuses to Print:

- All Statuses:
- New:
- Open:
- Hold:

Print Summary Report: Print Tax Detail: Only Print Unauthorized or Expired Credit Card Orders:

Include Component Lines: Print Comments: Partial

Selections:

Select Field	Operand	Value
Bill To Name	All	
Salesperson	All	
Priority Code	All	

Printer: \\IIGSERVER\HP LaserJet 1022

Keep Window Open After: Print Preview [Print] [Preview] [Setup] [Help]

Here is the result of printout:

Open Sales Order Report
For Order Types: Back Orders, Standard Orders

ABC Distribution and Service Corp. (ABC)

Order Number	Type / eBM	Customer / Name	Item Description	P	Unit	Meas	Price	Quantity On Order	Quantity Shipped	Quantity Back Order	Extension
0000162	Std	02-AMERCON	American Concrete Service								
Pr. Code: 2		Cust PO:	Salesperson:	Order Date:	Last Invoice:	Status:	Last Invoice Date:	Ship Date:			
	05/31/2010	6655	PRINTER STAND W/ BASKET	001	3	EACH	179.0000	3.00	0.00	0.00	537.00
	05/31/2010	VOG-CM-MP-B	MODESTY PANEL	001	3	EACH	42.0000	2.00	0.00	0.00	84.00
			Sales Tax								33.53
			Less Trade Discount								62.10
											Order 0000162 Total
											592.43
											592.43
											592.43
											592.43
0000171	Std	01-ABF	American Business Futures								
Pr. Code: 3	RMA:	0000002	Cust PO:	Salesperson:	Order Date:	Last Invoice:	Status:	Last Invoice Date:	Ship Date:		
	05/01/2010	1001-HON-H252	HON 2 DRAWER LETTER FLE W/ LK	001	1	EACH	81.4800	1.00	0.00	0.00	81.48
											Order 0000171 Total
											81.48
0000175	Std	01-ABF	American Business Futures								
Pr. Code: 3		Cust PO:	Salesperson:	Order Date:	Last Invoice:	Status:	Last Invoice Date:	Ship Date:			
	12/20/2011	1001-HON-H254LK	HON 4 DRAWER LETTER FLE W/ LCK	001	1	EACH	130.9500	5.00	0.00	0.00	654.75
	12/20/2011	1001-HON-H254LK	HON 4 DRAWER LETTER FLE W/ LCK	001	1	EACH	130.9500	6.00	0.00	0.00	785.70
											Order 0000175 Total
											1,440.45
											1,521.93
											1,521.93
											1,521.93
0000176	Std	01-ABF	American Business Futures								
Pr. Code: 5		Cust PO:	Salesperson:	Order Date:	Last Invoice:	Status:	Last Invoice Date:	Ship Date:			
	12/20/2011	1001-HON-H252	HON 2 DRAWER LETTER FLE W/ LK	001	1	EACH	78.1200	10.00	0.00	0.00	781.20
	12/20/2011	2480-8-50	DESK FILE 8" CAP 50	001	1	EACH	33.9020	5.00	0.00	0.00	169.51
											Order 0000176 Total
											950.71
											950.71
											950.71

You can see that **Priority Code (Pr. Code)** field added on the printout.

Item Quantity Inquiry

The **Allocated** column added to the **Item Quantity Inquiry** grid allows for viewing information about quantity allocated by warehouse. The **Allocated** column in the **Totals** grid displays the total quantity allocated for all warehouse locations.

Whse	Description	On H...	On PO	On SO	On Bk Ord	Committed	Available	Allocated
000	CENTRAL ...	28.00	.00	.00	.00	.00	28.00	.00
001	EAST WA...	9.00	.00	8.00	.00	8.00	6.00	5.00
002	WEST WA...	1.00	.00	3.00	2.00	5.00	4.00	.00
Totals		38.00	.00	11.00	2.00	13.00	30.00	5.00

This window is accessible by one of the following methods:

- In any data entry window that allows inquiry on a line item, select a line item, and then click the Item Quantity Inquiry button.
- In any data entry window, at the Item Code field, right-click and select Item Quantity Inquiry.

Item Maintenance/Inquiry

The **Allocated** column added to the Quantity grid on the Quantity tab allows for viewing allocated quantity for the selected item by warehouse and the total allocated for all warehouses.

Item Maintenance (ABC) 1/15/2014

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

Standard Unit of Measure: EACH

Whse	Description	On H...	On PD	On SO	On Bk Ord	Committed	Available	Allocated
000	CENTRAL ...	2,676...	.00	10.00	.00	10.00	2,666.00	10.00
001	EAST WA...	987.00	.00	11.00	5.00	16.00	971.00	5.00
002	WEST WA...	1,519...	.00	15.00	10.00	25.00	1,494.00	3.00
098	SCRAP W...	1.00	.00	.00	.00	.00	1.00	.00
Totals		5,183.00	.00	36.00	15.00	51.00	5,132.00	18.00

Buttons: Accept, Cancel, Delete, Print, Help

The **Allocated Qty** column added to the Sales Order grid on the Orders tab allows for viewing the quantity allocated on sales orders by the Order numbers and the total Allocated on all Sales Orders.

Item Maintenance (ABC) 1/15/2014

Item Code: 1001-HON-H252
 Description: HDN 2 DRAWER LETTER FLE W/O LK

1. Main | 2. Additional | 3. Quantity | 4. History | 5. Transactions | 6. Orders | 7. Cost Detail

Purchase Order Sales Order

Order No.	Type	Cust...	Customer Name	Order Date	Whse	Ord...	Ship...	Back...	Allocated Qty	P
0000186	Stand...	01-ABF	American Busines...	1/15/2014	000	10.00	.00	.00	10.00	
0000181	Stand...	01-ABF	American Busines...	2/15/2012	001	5.00	.00	.00	5.00	
0000186	Stand...	01-ABF	American Busines...	1/15/2014	002	3.00	.00	.00	3.00	
0000143	Stand...	02-AL...	Allen's Appliance ...	5/15/2010	002	12.00	.00	.00	.00	
0000149	Back...	02-A...	American Concret...	5/23/2010	002	35.00	25.00	10.00	.00	
0000156	Stand...	02-AT...	A To Z Carpet Su...	5/15/2010	001	2.00	.00	.00	.00	
0000171	Stand...	01-ABF	American Busines...	5/1/2010	001	1.00	.00	.00	.00	
0000176	Back...	01-ABF	American Busines...	12/20/2011	001	10.00	5.00	5.00	.00	
0000178	Stand...	01-ABF	American Busines...	2/14/2012	001	3.00	.00	.00	.00	

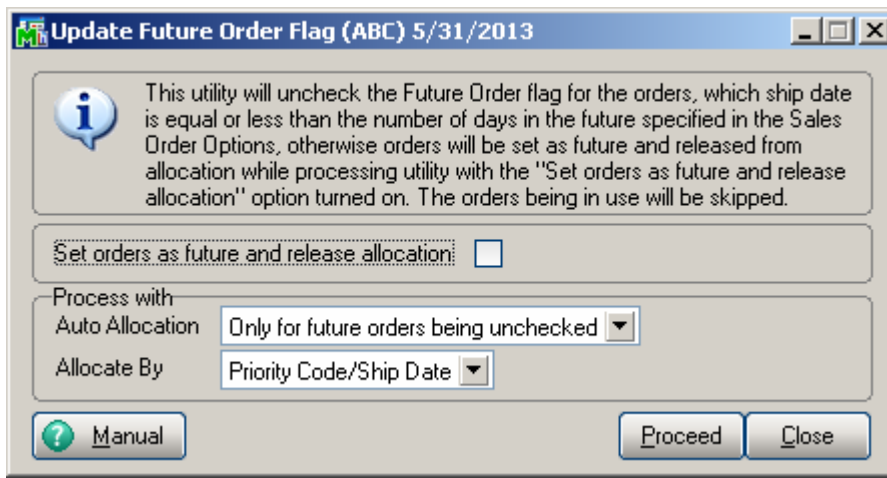
Ordered: 81.00 | Shipped: 30.00 | Back Ordered: 15.00 | Allocated: 18.00

Accept | Cancel | Delete

Update Future Order Flag

The **Update Future Order Flag** utility has been added to the **Sales Order Utilities Menu** to allow the user to automatically take off the Order from Future or put to Future if certain conditions are met:

- If the difference between the Order's **Ship Date** and **Current Module Date** is equal or less than number of days in the future specified in the **Sales Order Options** the Future flag will be turned off.
- If the difference between the Order's **Ship Date** and **Current Module Date** is greater than number of days in the future specified in the **Sales Order Options** and the utility is processed with the **Set orders as future and release allocation** checkbox selected, the Future flag will be turned on and the allocation zeroed on the Sales Orders lines.



This utility provides also additional options for processing Auto Allocation:

Only for future orders being unchecked- if this option is selected for auto allocation the program will process only those orders, which have been taken off from future in a result of running this utility.

For All Orders- all existing orders, which are not marked as **Future Order**, will take part in the auto allocation.

Do Not Allocate- no allocation will process.
The auto allocation of the Orders can be done respectively based on the Allocate By option:

Priority Code/Ship Date- allocation will process for higher priority order first. If orders have the same priority, the older Ship Date order will be allocated first.

Ship Date/Priority Code- allocation will process for orders with older Ship Date first. If orders have the same Ship Date the high priority order will be allocated first.

Ignore Ship Date- allocation will process based on the standard allocation logic.

Note: The Orders being in use by other tasks, at the time of running the utility, will be skipped.

For this utility a log is generated in the system SOA folder with the following name: **IIG_RBOFutureOrder.log**.

Running the Update Future Order Flag Utility Outside of MAS

For running the **Update Future Order Flag** outside of MAS90 the user just need to add the following arguments: **-ARG DIRECT UION "Username" "Password" "CompanyCode""SO068_RBOFutureOrderUtl" "RPF"** to the end of the text ("pvxwin32.exe -hd ..\launcher\sota.ini ..\soa\startup.m4p") in the Target field of the MAS90 shortcut where: **Username** - is the user's logon. If security has been set up, a valid user logon is required. If security has not been set up, enter "" instead of a user logon.

Password- is the user's password. If the user does not have a password, or if security has not been set up, enter "" instead of a password.

CompanyCode- is the company code that should be used.

The argument "**RPF**" means the utility will be automatically run without opening the utility screen with the following options set by default: **Set orders as future and release allocation, Auto Allocation** set to **Only for future orders being unchecked** and **Allocate by** set to **Priority Code/Ship Date**.

In order to run the utility with **Set orders as future and release allocation option** turned off remove prefix "R" from argument "PF".

Here are the possible arguments values for respective options:

"P"- Priority Code/Ship Date

"S"- Ship Date/Priority Code

"T"- Ignore Ship Date

"N"- Do not allocate

"F"- Only for Future orders being unchecked

"A"- For All Orders

If no argument is entered the utility screen will be opened..

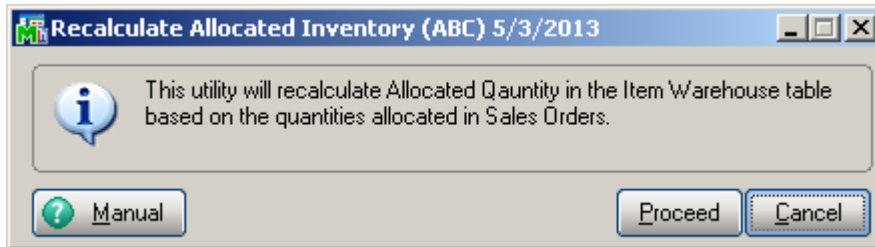
If no allocation is required the user can enter only "N" as the argument to update just the Future Flag without processing allocation.

The user can create a task in the windows task scheduler to run the utility automatically on the scheduled Day/Time.

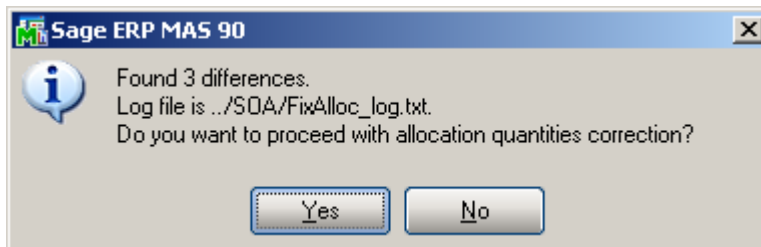
Note: When running the utility outside of MAS90 the System Date is taken into account instead of current Module Date.

Recalculate Allocated Inventory

The **Recalculate Allocated Inventory** program has been developed to allow correcting Allocated Quantity in the Item Warehouse table based on the quantities allocated on Sales Orders. This program can be run from **Inventory Management Utilities** menu.



Click **Proceed**. When differences are found the following message is displayed:



Otherwise the following message is displayed:



When clicking **Yes**, the program corrects the quantities.

In the `../SOA/FixAlloc_log.txt` file you can view the differences in item quantities.

