



Release Back Order For Sage 100 2018

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Installation Instructions and Cautions

PLEASE NOTE: *SAGE 100 must already be installed on your system before installing any IIG enhancement. If not already done, perform your SAGE 100 installation and setup now; then allow any updating to be accomplished automatically. Once SAGE 100 installation and file updating is complete, you may install your IIG enhancement product by following the procedure below.*

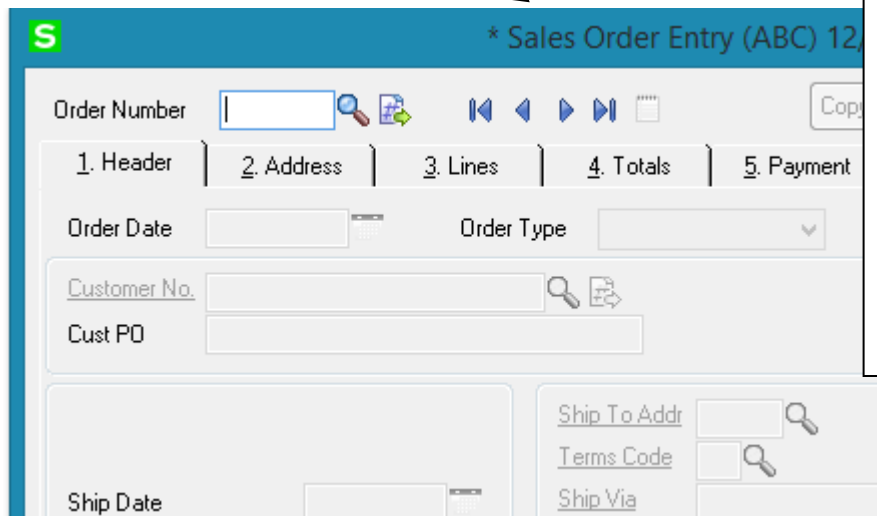
Wait! Before You Install – Do You Use CUSTOM OFFICE?

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

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**.

IIG Master Developer Enhancement Registration

Registered Customer: IIG - Glendale

Registration Information:

Reseller Name:

Serial Number: 1111111

Customer Number: 222222222

User Key: 3333333333333333

Product Key: 55555 55555 55555 55555 55555

Enhancement	Level	Release Date	Serial Number	Unlocking Key
IIG Enhancement	6.00		AAAAAAAAAAAAAAAAAA	BBBBB

Buttons: OK, Undo, Print Registration Form, Close

Status Bar: IIG ABC 12/16/2016

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.

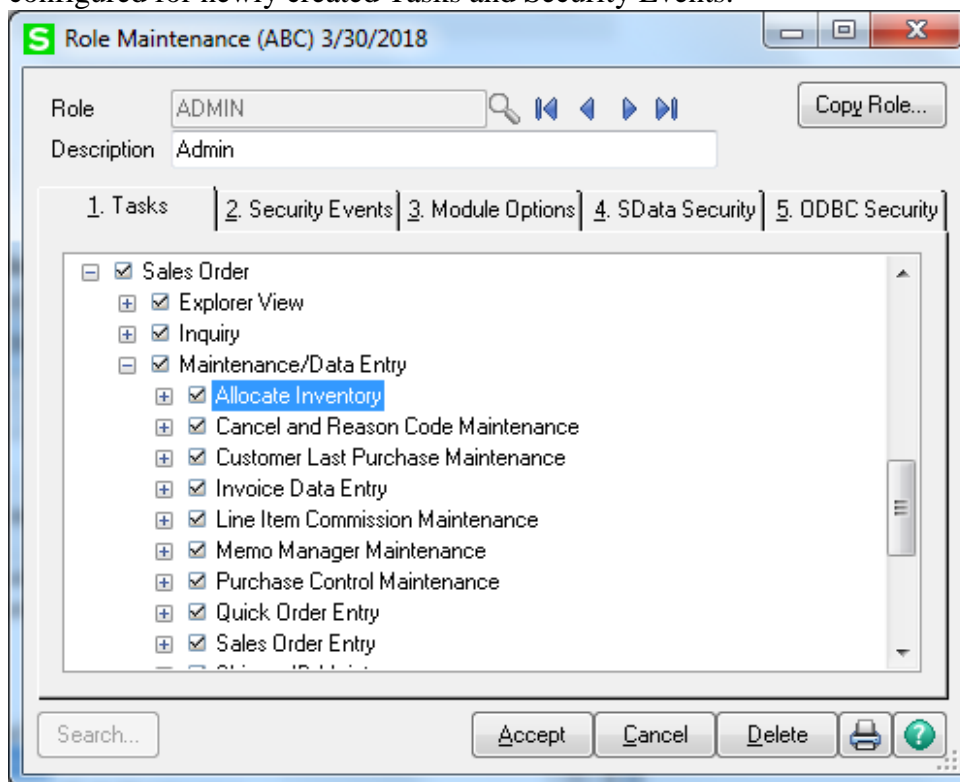
ODBC Security

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) 3/30/2018

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
Current Calendar Year 2018
Current Period 03

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

Release Back Order

Allow Future Order ☐ Number of days in the future for setting Future Flag in Sales Order 0

Accept Cancel

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 Options (ABC) 3/30/2018

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: Current Calendar Year: 2018, Current Period: 03

Integrate with: General Ledger ☒, Inventory Management ☒, Job Cost ☐

Default General Ledger Accounts	
Customer Deposits	201-00-00
Special Item Sales	400-01-01
Special Item COGS	450-10-00
Special Item Purchases	450-01-00

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

Buttons: Accept, Cancel, Manual (with question mark icon)

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) 3/30/2018

Order Number: 0000213 | Copy From... | Defaults... | Customer... | Credit...

1. Header | 2. Address | 3. Lines | 4. Totals | 5. Payment | User: useriig

Order Date: 3/30/2018 | Order Type: Standard Order | Master/Repeating No.:

Customer No.: 01-ABF | American Business Futures

Cust PO:

Ship Date: 3/30/2018

Status: Open | Reason: | Whse: 097 | RETURNS WAREHOU

Sales Tax: WI

Print Order: ☒ | Print Pick Sheets: ☒ | Quick Print Without Displaying Printing Window: ☐

Ship To Addr: 2 | American Business Futures

Terms Code: 01 | Net 30 Days

Ship Via: UPS BLUE | FOB:

Confirm To: John Quinn

E-mail: artie@abf.com

Fax No. | Batch Fax: ☐

Comment:

Salesperson: 0100 | Jim Kentley

Split Comm.: No | Split Comm... | Release | Allocate

Future Order: ☐ | Priority (1=high): 5

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

	Item Code	Ordered	Allocated Qty	Back Ordered	Unit Price	Extension
1	1001-HON-H252	12.00	12.00	.00	78.120	937.44
2		.00	.00	.00	.000	.00

Alias Item Desc: Hon 2 drawer letter filing
Vendor Number: 01-CONT
PO Number:
PO Req Date:

Available Allocate Quantity is 14167 EACH

Total Amount: 937.44

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.

S Item Quantity Inquiry

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

Whse	Description	On Hand	On PO	On SO	On Bk Ord	Committed	Available	In Shipping	On Hand Less Ship	Allocated
000	CENTRAL ...	2,709.00	1.00	135.00	3.00	138.00	2,571.00	16.00	2,693.00	113.00
001	EAST WA...	2,005.00	.00	17.00-	32.00	15.00	1,990.00	360.00-	2,365.00	40.00
002	WEST WA...	3,497.00	.00	.00	.00	.00	3,497.00	.00	3,497.00	.00
097	RETURNS ...	11,998.00	1.00	12.00	.00	12.00	11,998.00	.00	11,998.00	12.00
098	SCRAP W...	2,001.00	.00	4.00	.00	4.00	1,997.00	.00	2,001.00	4.00
099	REPAIR W...	2,000.00	.00	8.00	.00	8.00	1,992.00	.00	2,000.00	8.00
Totals		24,210.00	2.00	142.00	35.00	177.00	24,045.00	344.00-		

OK ?

Future Orders

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

The screenshot shows the 'Sales Order Entry (ABC) 3/30/2018' window. The 'Future Order' checkbox is checked and circled in blue. Other fields include Order Number 0000242, Order Date 3/30/2018, Order Type Standard Order, Customer No. 01-ABF, Ship Date 3/30/2018, Status New, Whse 001, Sales Tax Schedule WI, and various shipping and contact details.

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 is automatically placed on 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 and 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.

Allocate Inventory

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

S Allocate Inventory (ABC) 3/30/2018

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	

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

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

The following selection fields 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.

S Allocate Inventory (ABC) 3/30/2018

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	

☒ 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
53	0000213	3/30/2018	01-ABF	1001-HON-H252	097	EACH	12.00	12.00		<input checked="" type="checkbox"/>	HON 2 DRAWER
54	0000228	3/30/2018	01-ABF	1001-HON-H252	000	EACH	10.00	10.00		<input checked="" type="checkbox"/>	HON 2 DRAWER
55	0000228	3/30/2018	01-ABF	1001-HON-H252LK	000	EACH	2.00	.00		<input type="checkbox"/>	HON 2 DRAWER
56	0000229	3/30/2018	01-ABF	1001-HON-H252	000	EACH	10.00	10.00		<input checked="" type="checkbox"/>	HON 2 DRAWER
57	0000229	3/30/2018	01-ABF	1001-HON-H252LK	000	EACH	2.00	.00		<input checked="" type="checkbox"/>	HON 2 DRAWER
58	0000230	3/30/2018	01-ABF	1001-HON-H252	000	EACH	10.00	10.00		<input checked="" type="checkbox"/>	HON 2 DRAWER
59	0000230	3/30/2018	01-ABF	1001-HON-H252LK	000	EACH	2.00	.00		<input checked="" type="checkbox"/>	HON 2 DRAWER
60	0000231	3/30/2018	01-ABF	1001-HON-H252	000	EACH	10.00	10.00		<input checked="" type="checkbox"/>	HON 2 DRAWER
61	0000231	3/30/2018	01-ABF	1001-HON-H252LK	000	EACH	2.00	.00		<input checked="" type="checkbox"/>	HON 2 DRAWER
62	0000237	3/30/2018	01-ABF	1001-HON-H252	000	EACH	10.00	10.00		<input checked="" type="checkbox"/>	HON 2 DRAWER
63	0000238	3/30/2018	01-ABF	1001-HON-H252	000	EACH	5.00	5.00		<input checked="" type="checkbox"/>	HON 2 DRAWER
64	0000239	3/30/2018	01-ABF	1001-HON-H252	000	EACH	5.00	5.00		<input checked="" type="checkbox"/>	HON 2 DRAWER
65	0000225	3/30/2019	01-ABF	1001-HON-H252LK	000	EACH	5.00	5.00		<input checked="" type="checkbox"/>	HON 2 DRAWER
66	0000226	3/30/2019	02-ORANGE	6655	001	EACH	3.00	2.00		<input checked="" type="checkbox"/>	PRINTER STAND

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.

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

S Allocate Inventory (ABC) 3/30/2018

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	

☒ 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
1	0000221	3/30/2018	01-ABF	1001-HON-H252	000	EACH	2.00	2.00		<input checked="" type="checkbox"/>	HON 2 DRAWER LET
2	0000221	3/30/2018	01-ABF	1001-HON-H254LK	000	PKG	8.83	8.00		<input checked="" type="checkbox"/>	HON 4 DRAWER LET

The program highlights the changed Allocated Quantities.

S Allocate Inventory (ABC) 3/30/2018

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	

☒ 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
1	0000221	3/30/2018	01-ABF	1001-HON-H252	000	EACH	2.00	.00		<input checked="" type="checkbox"/>	HON 2 DRAWER LET
2	0000221	3/30/2018	01-ABF	1001-HON-H254LK	000	PKG	8.83	.00		<input checked="" type="checkbox"/>	HON 4 DRAWER LET

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.

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	*

☒ 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
13	0000230	3/30/2018	01-ABF	1001-HON-H252	000	EACH	10.00	.00		<input checked="" type="checkbox"/>	HON 2 DRAWER
14	0000230	3/30/2018	01-ABF	1001-HON-H252LK	000	EACH	2.00	.00		<input checked="" type="checkbox"/>	HON 2 DRAWER
15	0000231	3/30/2018	01-ABF	1001-HON-H252	000	EACH	10.00	.00		<input checked="" type="checkbox"/>	HON 2 DRAWER
16	0000231	3/30/2018	01-ABF	1001-HON-H252LK	000	EACH	2.00	.00		<input checked="" type="checkbox"/>	HON 2 DRAWER
17	0000237	3/30/2018	01-ABF	1001-HON-H252	000	EACH	10.00	.00		<input checked="" type="checkbox"/>	HON 2 DRAWER
18	0000238	3/30/2018	01-ABF	1001-HON-H252	000	EACH	5.00	.00		<input checked="" type="checkbox"/>	HON 2 DRAWER
19	0000239	3/30/2018	01-ABF	1001-HON-H252	000	EACH	5.00	.00		<input checked="" type="checkbox"/>	HON 2 DRAWER
20	0000212	1/26/2017	01-ABF	1001-HON-H252	000	EACH	6.00	.00		<input checked="" type="checkbox"/>	HON 2 DRAWER
21	0000215	1/26/2017	01-ABF	D1400	001	EACH	2.00	.00		<input type="checkbox"/>	EXECUTIVE DESH
22	0000215	1/26/2017	01-ABF	1001-HON-H254	000	EACH	4.00	.00		<input checked="" type="checkbox"/>	HON 4 DRAWER
23	0000215	1/26/2017	01-ABF	1001-HON-H254LK	001	EACH	2.00	.00		<input checked="" type="checkbox"/>	HON 4 DRAWER
24	0000215	1/26/2017	01-ABF	6850-26-16-11	000	EACH	4.00	.00		<input checked="" type="checkbox"/>	SOUND CVR 26"
25	0000215	1/26/2017	01-ABF	1001-HON-H252	098	EACH	4.00	.00		<input checked="" type="checkbox"/>	HON 2 DRAWER
26	0000215	1/26/2017	01-ABF	1001-HON-H252	099	EACH	4.00	.00		<input checked="" type="checkbox"/>	HON 2 DRAWER

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.

Customer Maintenance (ABC) 3/30/2018

Customer No. 01-ABF
Name American Business Futures
Customer Credit Limit Is Exceeded

1. Main | 2. Additional | 3. Statistics | 4. Summary | 5. History | 6. Invoices | 7. Transactions | 8. S/Os

Comment Call Ed for credit approval.
Open Item Customer ☒ Internet Enabled ☒
Customer Status Active
[Inactive Reason](#)
Priority (1=high) 5
Data Entry 1
Price Level 1
Dflt Pymt Type C1
Discount Rate 6
Fin Charge Rate 7
[Item Code](#) WIDGE 8
8" x 10" Widgets

Printing
Sort AMER
Customer Type A2 Batch Fax ☐
Statement Cycle M Print Dun Message ☒
Use Sage Data Cloud for Invoice Printing ☐

Primary Payment Information
Payment ID
Payment Type
Name
Last Four Digits
Expiration Date Credit Cards/ACH...

Accept Cancel Delete

Sales Order Entry (ABC) 3/30/2018

Order Number: 0000243 | Copy From... | Defaults... | Customer... | Credit...

1. Header | 2. Address | 3. Lines | 4. Totals | 5. Payment | User: useriig

Order Date: 3/30/2018 | Order Type: Standard Order | Master/Repeating No.:

Customer No.: 01-ABF | American Business Futures
Cust PO:

Ship Date: 3/30/2018

Status: New | Reason: | Whse: 000 | CENTRAL WAREHOU:
Sales Tax: WI
Schedule: | Wisconsin:

Print Order: ☒ | Print Pick Sheets: ☒
Quick Print Without Displaying Printing Window: ☐

Ship To Addr: 2 | American Business Futures
Terms Code: 01 | Net 30 Days
Ship Via: UPS BLUE | FOB:
Confirm To: John Quinn
E-mail: artie@sage.sample.com
Fax No.: | Batch Fax: ☐
Comment:
Salesperson: 0100 | Jim Kentley
Split Comm.: No | Split Comm... | Release | Allocate
Future Order: ☐ | Priority (1=high): 5

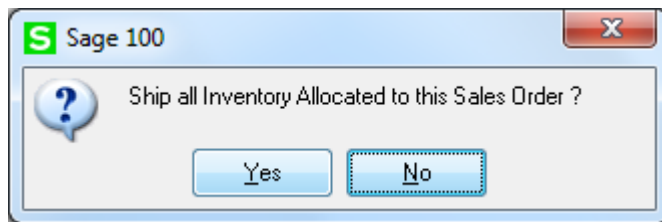
Print Order... | Print Pick... | Recalc Price | Accept | Cancel | Delete | ?

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:

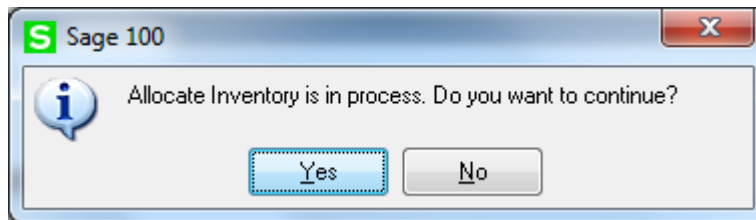


Click **Yes** to ship allocated quantities.

A screenshot of the 'S/O Invoice Data Entry (ABC) 3/30/2018' window. The window has a blue title bar and a toolbar with various icons. Below the toolbar is a tabbed interface with tabs for '1. Header', '2. Address', '3. Lines', '4. Totals', and '5. Payment'. The '3. Lines' tab is active, showing a table with columns: Item Code, Ordered, Shipped, Unit Price, Extension, and Comment. The table contains three rows of data. Below the table is a section for item details, including Description, Warehouse, Unit Of Measure, Back Ordered, and Price Level. At the bottom right, the 'Total Amount' is displayed as 1,051.20. The bottom of the window has buttons for 'Quick Print', 'Accept', 'Cancel', 'Delete', and a help icon.

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 Invoices Selection** program.

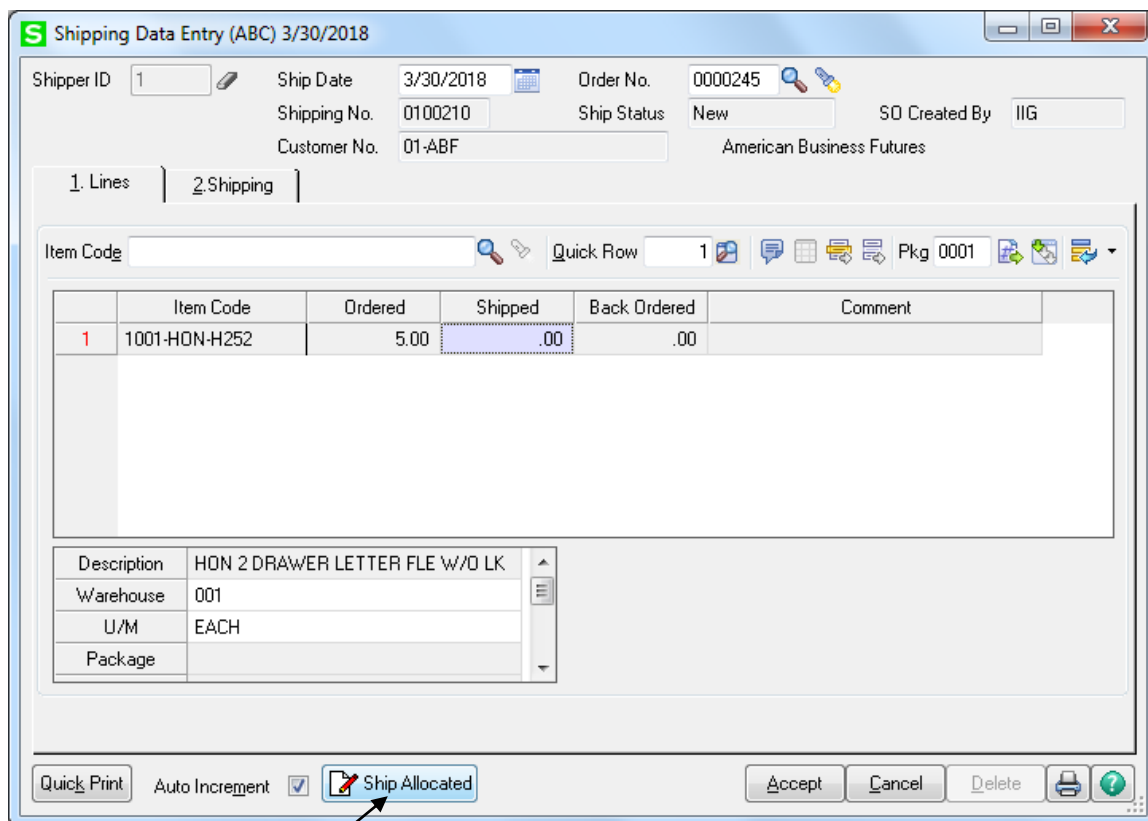


The user can select **Yes** to continue the process or **No** to terminate it.

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 for shipping the quantities allocated in the Sales Order.



Upon clicking the **Ship Allocated** button **Shipped** quantity is set equal to the quantity allocated in the Sales Order and the quantities not allocated are automatically back ordered if **Allow Back Orders** flag is set for the Item and the shipper is allowed to change backorder quantity on lines.

Shipping Data Entry (ABC) 3/30/2018

Shipper ID: 1 Ship Date: 3/30/2018 Order No.: 0000245
 Shipping No.: 0100210 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	5.00	5.00	.00	

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

Quick Print Auto Increment ☒ Ship Allocated Accept Cancel Delete

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) 3/30/2018

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 2018

Current Period 03

Segment Substitution

G/L Segment for Whse Postings Location

Track Warehouse Transfers as Issues ☐

Calculate Commission by Inventory Item ☒

Include in Quantity Available No POs and WOs

Enable Warranty Tracking ☒

Integrate with

General Ledger ☒

Job Cost ☐

Allocate Inventory to Sales Orders During Update ☒

Enable Allocation by Total of Warehouses ☒

Accept Cancel

The **Enable Allocation by Total of Warehouse** checkbox added on the Main tab of the Inventory Management Options screen enables inventory allocation based on the total quantity of warehouses.

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) 3/30/2018

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

Purchase Orders

Days to Retain Completed Purchase Orders: 0

Automatically Close Partially Received Purchase Orders: ☐

Receipt Variance to Close Purchase Order Lines: .000%

Post Accounts Payable Invoices: ☒

Calendar Month

Current Calendar Year: 2018

Current Period: 03

Integrate with

General Ledger: ☒

Inventory Management: ☒

Job Cost: ☐

Bank Reconciliation: ☒

Work Order: ☐

Allocate Inventory to Sales Orders During Receipt Update: ☒

Accept Cancel [Printer Icon] [Help Icon]

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.

S Bill of Materials Options (ABC) 3/30/2018

1. Main | 2. Entry | 3. Printing

Require Bill Revisions ☒
Use Option Bills ☐
Enable Engineering Change Control ☒
Post to General Ledger ☒
Production Entry Register in Detail ☒
History ☐
Retain Production History ☐
Segment Substitution ☐
Post Miscellaneous Charges by Warehouse ☐
G/L Segment Selected for Inventory Location

Bill of Materials Maintenance
Allow Kit Bills ☒
Allow Phantom Bills ☐
Allow Duplicate Components ☐
Allow Entry of Negative Quantities ☐
Allow Scrap and Yield Percentage Factors ☐
Maximum Number of Levels 10
Sync Bill Description and Item Description No

Integrate with
General Ledger ☒
Allocate Inventory to SO Orders During Prod. Update ☒

Accept Cancel [Printer Icon] [Help Icon]

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.

S Warehouse Code Maintenance (ABC) 3/30/2018

Warehouse Code: 001
Description: EAST WAREHOUSE

Name:
Address:
ZIP Code:
City: State:
Country:
Telephone: Ext:
Fax:
E-mail Address:
Contact:

Warehouse Status: Active
Comment:
Restricted Start Date: End Date:

Post to: Location: 01 East Sales Office

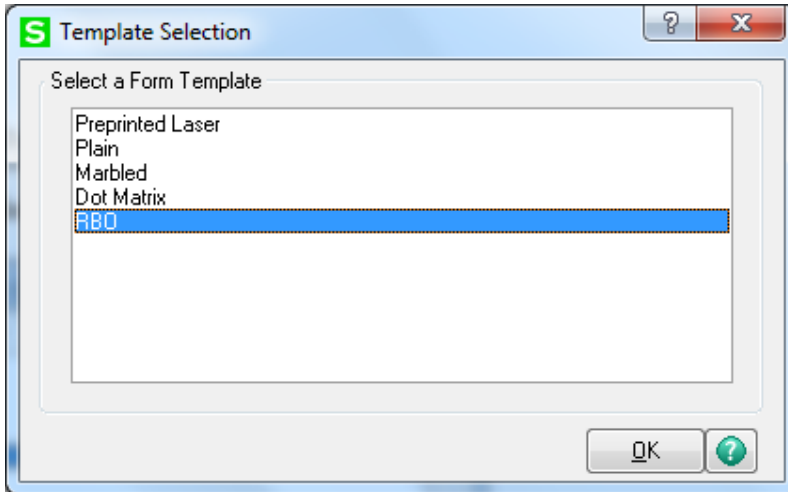
Include In Allocation: ☒

Accept Cancel Delete

Printings

Sales Order Printing

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



Select RBO form template from the Template selection to have the Quantity allocated displayed on the report.

S Sales Order Printing (ABC) 3/30/2018

Form Code: STANDARD

Description: RBO

Number of Copies: 1 Collated: ☒ Multi-Part Form Enabled: ☐

Sort Orders By: Order Number

Order Type to Print: All Print Comments: Partial

Print Orders On Hold: ☒ Print Bill Options: ☐

Line 1 Message:

Line 2 Message:

Selections

Select Field	Operand	Value	
Order Number	All <input type="button" value="v"/>		
Warehouse Code	All <input type="button" value="v"/>		

Keep Window Open After
Print ☐ Preview ☐

Microsoft XPS Document Writer

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

S Sales Order Printing

Main Report

ABC Distribution and Service Corp. 0000243
3/30/2018

0100
01-ABF

American Business Futures
2131 N. 14th Street
Suite 100
Accounting Department
Milwaukee, WI 53205-1204

American Business Futures
Racine Warehouse
5411 Kendrick Place
Racine, WI 53120

John Quinn

UPS BLUE Net 30 Days

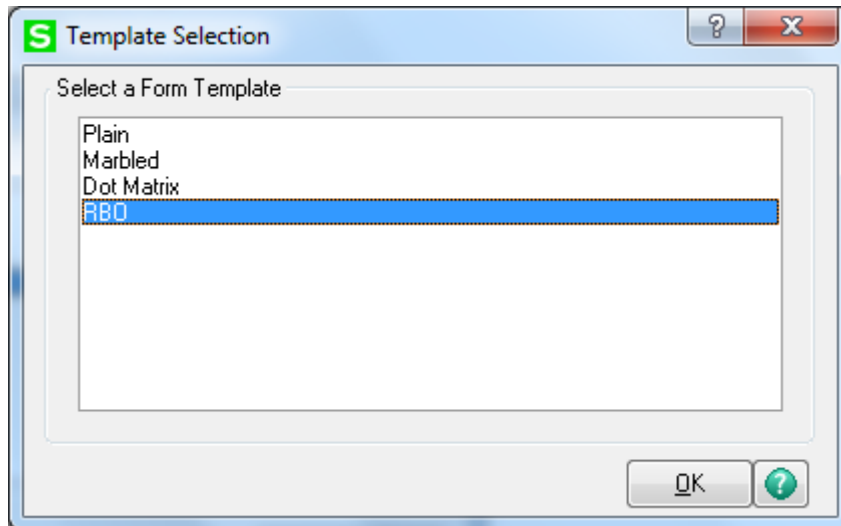
1001-HON-H252	EACH	10.00	10.00	0.00	78.120	781.20
HON 2 DRAWER LETTER FLE W/O LK			Whse: .000			
1001-HON-H254LK	EACH	2.00	2.00	0.00	135.000	270.00
HON 4 DRAWER LETTER FLE W/ LCK			Whse: .000			

Net Order: 1,051.20
Less Discount: 0.00
Freight: 0.00
Sales Tax: 0.00
1,051.20

Current Page No.: 3 Total Page No.: 5 Zoom Factor: 100%

Picking Sheet Printing

Select the **Picking Sheet Printing** under the Sales Order Main menu.
Select RBO form template from the Template selection to have the Quantity allocated displayed on the report.



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

S Picking Sheet Printing (ABC) 3/30/2018

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: ☐

Print Bill Options: ☐ Print Orders for Customers on Credit Hold: ☒

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	All <input type="button" value="v"/>	
Warehouse Code	All <input type="button" value="v"/>	

Keep Window Open After
Print: ☐ Preview: ☐

Microsoft XPS Document Writer

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

Picking Sheet Printing

Page: 1

Picking Sheet

Warehouse: 001 EAST WAREHOUSE

Order Number: 0000245 Order Date: 3/30/2018
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
E-300-10	1001-HON-H252	EACH	5.00			A
HON 2 DRAWER LETTER FILE W/O LK						

Current Page No.: 11 Total Page No.: 11 Zoom Factor: 100%

Note: The Suppress Not Allocated Lines option is applied only to regular Items. This option is skipped for parent Item of exploded Kit.

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) 3/30/2018

Report Setting: STANDARD

Description:

Setting Options:

Type: Public

Print Report Settings: ☐

Number of Copies: 1

Default Report: ☒

Three Hole Punch: ☐

Collated: ☒

Sort Report By: Sales Order Number

Select: All Orders

Sales Order Types to Print:

All Types: ☐ Back Orders: ☒ Master Orders: ☐ 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
Sales Order Number	All	
Customer Number	All	
Shipping Date	All	

Microsoft XPS Document Writer

Keep Window Open After:

Print: ☐ Preview: ☐

Print Preview Setup

Here is an example of printout:

Open Sales Order Report
Sorted By Sales Order Number
For Order Types: Back Orders, Standard Orders

ABC Distribution and Service Corp.(ABC)

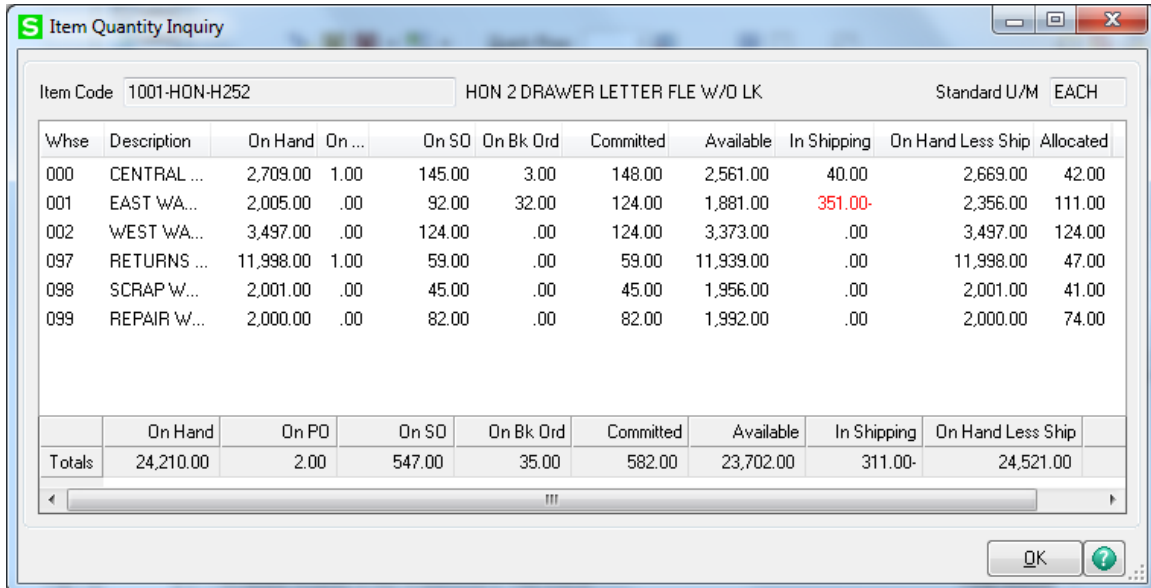
Order Number	Type / eBM	Customer / Name	Item Description	P	Unit	Price	Quantity On Order	Quantity Shipped	Quantity Back Order	Extension
0000236	Std	01-ABF	American Business Futures							
Pr.Code: 5		Cust PO: 2/7/2017	1001-HON-H252	HON 2 DRAWER LETTER FLE W/O LK	000	1 EACH	78.120	10.00	0.00	781.20
Order Date: 2/7/2017 Status: Open Last Invoice Date: Ship Date: 2/7/2017										
Salesperson: 0100										
Order 0000236 Total: 781.20										
0000237	Std	01-ABF	American Business Futures							
Pr.Code: 5		Cust PO: 3/30/2018	1001-HON-H252	HON 2 DRAWER LETTER FLE W/O LK	000	1 EACH	78.120	10.00	0.00	781.20
Order Date: 3/30/2018 Status: Open Last Invoice Date: Ship Date: 3/30/2018										
Salesperson: 0100										
Order 0000237 Total: 781.20										
0000238	Std	01-ABF	American Business Futures							
Pr.Code: 5		Cust PO: 3/30/2018	1001-HON-H252	HON 2 DRAWER LETTER FLE W/O LK	000	1 EACH	81.480	5.00	0.00	407.40
Order Date: 3/30/2018 Status: Open Last Invoice Date: Ship Date: 3/30/2018										
Salesperson: 0100										
Order 0000238 Total: 407.40										
0000239	Std	01-ABF	American Business Futures							
Pr.Code: 5		Cust PO: 3/30/2018	1001-HON-H252	HON 2 DRAWER LETTER FLE W/O LK	000	1 EACH	81.480	5.00	0.00	407.40
Order Date: 3/30/2018 Status: Open Last Invoice Date: Ship Date: 3/30/2018										
Salesperson: 0100										
Order 0000239 Total: 407.40										
0000240	Std	01-ABF	American Business Futures							
Pr.Code: 5		Cust PO: 3/30/2018	1001-HON-H252	HON 2 DRAWER LETTER FLE W/O LK	000	1 EACH	81.480	5.00	0.00	407.40
Order Date: 3/30/2018 Status: Open Last Invoice Date: Ship Date: 3/30/2018										
Salesperson: 0100										
Order 0000240 Total: 407.40										
0000242	Std	01-ABF	American Business Futures							
Pr.Code: 5		Cust PO: 3/30/2018	1001-HON-H252	HON 2 DRAWER LETTER FLE W/O LK	001	1 EACH	84.000	2.00	0.00	168.00
Order Date: 3/30/2018 Status: Open Last Invoice Date: Ship Date: 3/30/2018										
Salesperson: 0100										
Order 0000242 Total: 168.00										
0000243	Std	01-ABF	American Business Futures							
Pr.Code: 5		Cust PO: 3/30/2018	1001-HON-H252	HON 2 DRAWER LETTER FLE W/O LK	000	1 EACH	78.120	10.00	0.00	781.20
		3/30/2018	1001-HON-H254LK	HON 4 DRAWER LETTER FLE W/LCK	000	1 EACH	135.000	2.00	0.00	270.00
Order Date: 3/30/2018 Status: Open Last Invoice Date: Ship Date: 3/30/2018										
Salesperson: 0100										
Order 0000243 Total: 1,051.20										
0000244	Std	01-AVNET	Avnet Processing Corp							
Master: 0000105		Cust PO: T50420	1001-HON-H252	HON 2 DRAWER LETTER FLE W/O LK	001	1 EACH	75.600	100.00	0.00	7,560.00
Pr.Code: 5		3/30/2018		Freight						999.999 99
				Sales Tax						359.10
				Less Trade Discount						378.00 -
Order 0000244 Total: 1,007,541.09										
0000245	Std	01-ABF	American Business Futures							
Pr.Code: 5		Cust PO: 3/30/2018	1001-HON-H252	HON 2 DRAWER LETTER FLE W/O LK	001	1 EACH	81.480	5.00	0.00	407.40
Order Date: 3/30/2018 Status: Open Last Invoice Date: Ship Date: 3/30/2018										
Salesperson: 0100										
Order 0000245 Total: 407.40										
GFGGH	Std	02-ALLENAP	Allen's Appliance Repair							
Order Date: 1/31/2017 Status: Open Last Invoice Date: Ship Date: 1/31/2017										

Current Page No.: 5 Total Page No.: 5 Zoom Factor: 100%

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.



The screenshot shows a software window titled "Item Quantity Inquiry". At the top, it displays "Item Code 1001-HON-H252" and "HON 2 DRAWER LETTER FLE W/O LK". Below this is a table with columns: Whse, Description, On Hand, On PO, On SO, On Bk Ord, Committed, Available, In Shipping, On Hand Less Ship, and Allocated. The table lists data for warehouses 000 through 099. At the bottom, a "Totals" row summarizes the data. A scrollbar is visible below the table, and "OK" and "Help" buttons are at the bottom right.

Whse	Description	On Hand	On PO	On SO	On Bk Ord	Committed	Available	In Shipping	On Hand Less Ship	Allocated
000	CENTRAL ...	2,709.00	1.00	145.00	3.00	148.00	2,561.00	40.00	2,669.00	42.00
001	EAST WA...	2,005.00	.00	92.00	32.00	124.00	1,881.00	351.00-	2,356.00	111.00
002	WEST WA...	3,497.00	.00	124.00	.00	124.00	3,373.00	.00	3,497.00	124.00
097	RETURNS ...	11,998.00	1.00	59.00	.00	59.00	11,939.00	.00	11,998.00	47.00
098	SCRAP W...	2,001.00	.00	45.00	.00	45.00	1,956.00	.00	2,001.00	41.00
099	REPAIR W...	2,000.00	.00	82.00	.00	82.00	1,992.00	.00	2,000.00	74.00
Totals		24,210.00	2.00	547.00	35.00	582.00	23,702.00	311.00-	24,521.00	

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 Main and Quantity tabs allows for viewing allocated quantity for the selected item by warehouse.

Item Maintenance (ABC) 3/30/2018

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

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

Product Line: WF&A WORKSTATION FURN & ACCESS
Product Type: Finished Good
Valuation: FIFO
Procurement: Buy

Weight: 35
Volume: 0.0000
Inventory Cycle: B

Unit of Measure: Standard: EACH
Purchases: EACH
Sales: EACH

No. of EACH: 1
No. of EACH: 1

Price Code: STD STANDARD QUANTITY PRIC
Default Whse: 000 CENTRAL WAREHOUSE
Primary Vendor: 01-CONT Container Corporation Of Usa
Warranty Code: 30 DAY 30 days from shipment

Sales: Retail Price: 84.000
Standard Price: 84.000
Last Sold: 2/9/2017

Purchases: Standard Cost: 32.750
Average Cost: 34.250
Last Receipt: 3/30/2018

Last Costs: Item: 34.250
Allocated: .000
Total: 34.250

Quantities

Whse	Description	On Hand	On PD	On SO	On Bk ...	Commit...	Available	In Shipping	On Hand Less ...	Allocated
000	CENTRAL ...	2,709.00	1.00	145.00	3.00	148.00	2,561.00	40.00	2,669.00	42.00
001	EAST WA...	2,005.00	.00	92.00	32.00	124.00	1,881.00	351.00	2,356.00	111.00
002	WEST WA...	3,497.00	.00	124.00	.00	124.00	3,373.00	.00	3,497.00	124.00
097	RETURNS ...	11,998.00	1.00	59.00	.00	59.00	11,939.00	.00	11,998.00	47.00

Accept Cancel Delete

The **Allocated** field in the Totals grid shows the total quantity allocated for all warehouses.

Item Maintenance (ABC) 3/30/2018

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

Copy From... Renumber... More...

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

Standard Unit of Measure: EACH

Whse	Description	On Hand	On PO	On SO	On Bk Ord	Committed	Available	In Shippi...	On Hand Less S...	Alloca...	Last C
000	CENTRAL ...	2,709.00	1.00	145.00	3.00	148.00	2,561.00	40.00	2,669.00	42.00	
001	EAST WA...	2,005.00	.00	92.00	32.00	124.00	1,881.00	351.00	2,356.00	111.00	
002	WEST WA...	3,497.00	.00	124.00	.00	124.00	3,373.00	.00	3,497.00	124.00	
097	RETURNS ...	11,998.00	1.00	59.00	.00	59.00	11,939.00	.00	11,998.00	47.00	
098	SCRAP W...	2,001.00	.00	45.00	.00	45.00	1,956.00	.00	2,001.00	41.00	
099	REPAIR W...	2,000.00	.00	82.00	.00	82.00	1,918.00	.00	2,000.00	74.00	
Totals											
		24,210.00	2.00	547.00	35.00	582.00	23,628.00	311.00	24,521.00		

Accept Cancel Delete

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) 3/30/2018

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

Copy From... Renumber... More...

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

☐ Purchase Order ☒ Sales Order

Order No.	Type	Custom...	Customer Name	Order Date	Whse	Ordered	Shi...	Bac...	Allocated Qty	Promise Date
0000233	Stand...	01-ABF	American Busines...	3/30/2018	000	10.00	.00	5.00	5.00	3/30/2018
0000237	Stand...	01-ABF	American Busines...	3/30/2018	000	10.00	.00	.00	.00	3/30/2018
0000238	Stand...	01-ABF	American Busines...	3/30/2018	000	5.00	.00	.00	.00	3/30/2018
0000239	Stand...	01-ABF	American Busines...	3/30/2018	000	5.00	.00	.00	.00	3/30/2018
0000240	Stand...	01-ABF	American Busines...	3/30/2018	000	5.00	.00	.00	4.00	3/30/2018
0000242	Stand...	01-ABF	American Busines...	3/30/2018	001	2.00	.00	.00	2.00	3/30/2018
0000243	Stand...	01-ABF	American Busines...	3/30/2018	000	10.00	.00	.00	10.00	3/30/2018
0000244	Stand...	01-AVNET	Avnet Processing...	3/30/2018	001	100.00	.00	.00	100.00	3/30/2018
0000245	Stand...	01-ABF	American Busines...	3/30/2018	001	5.00	.00	.00	5.00	3/30/2018
0000248	Stand...	01-ABF	American Busines...	3/30/2018	001	2.00	.00	.00	2.00	3/30/2018
0000248	Stand...	01-ABF	American Busines...	3/30/2018	002	124.00	.00	.00	124.00	3/30/2018
0000248	Stand...	01-ABF	American Busines...	3/30/2018	097	47.00	.00	.00	47.00	3/30/2018
0000248	Stand...	01-ABF	American Busines...	3/30/2018	098	41.00	.00	.00	41.00	3/30/2018

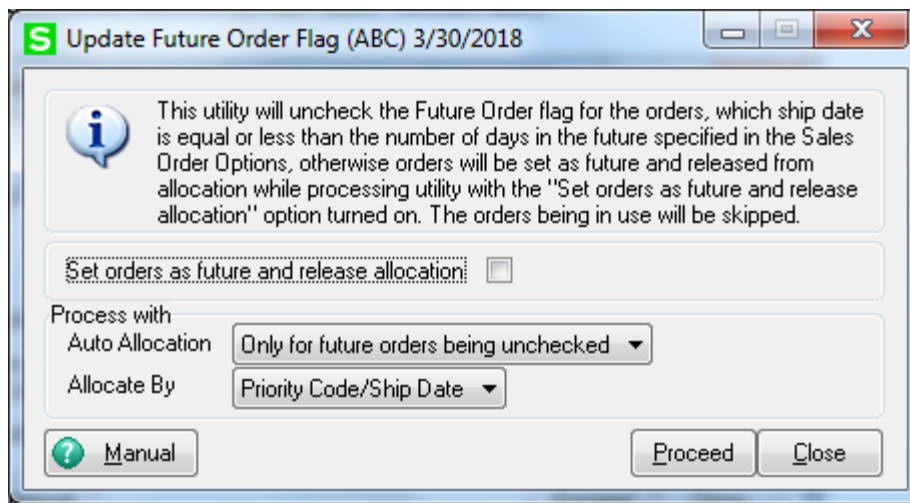
Ordered: 1,568.00 Shipped: 986.00 Back Ordered: 45.00
Allocated: 439.00

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_RBOFutureOrderUtil" "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

"I"- 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..

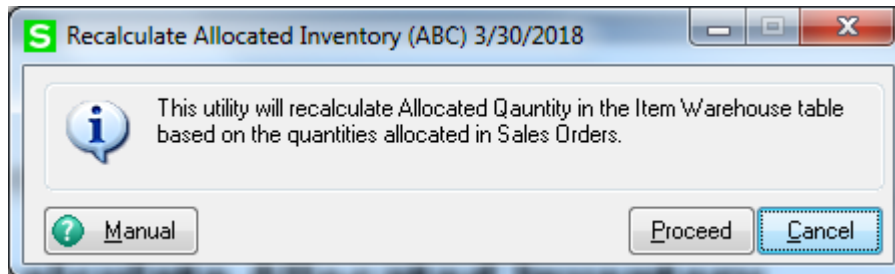
If no allocation is required the user can enter only "N" as the argument to update just the Future Flag without processing allocation.

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

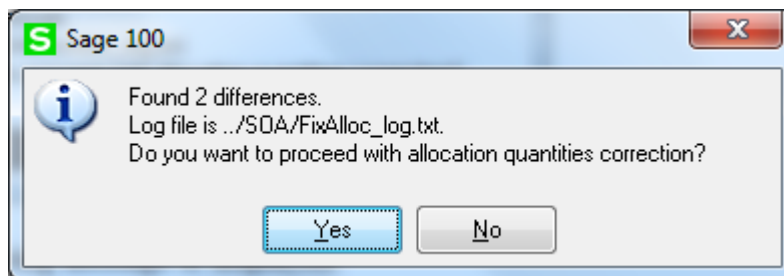
Note: When running the utility outside of MAS90 the System Date is taken into account instead of current Module Date.

Recalculate Allocated Inventory

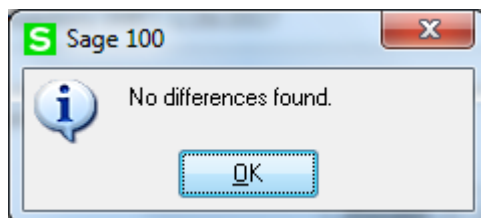
The **Recalculate Allocated Inventory** program has been developed to allow correcting Allocated Quantity in the Item Warehouse table based on the quantities allocated on Sales Orders. This program can be run from **Inventory Management Utilities** menu.



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.

Lister - [D:\MAS\MAS600\RBO\MAS90\SOA\FixAlloc_log.txt] 42 %

File Edit Options Encoding Help

Date: 3/30/2018 - 15:25 Company: ABC

Item No	WHSE	Actual Alloc Qty	In File
1001-H0N-H252	000	39.00	25.00
WJ-H-2109-A	001	5.00	3.00

2 difference(s) found
=====

Date: 3/30/2018 - 15:30 Company: ABC

Item No	WHSE	Actual Alloc Qty	In File
1001-H0N-H252	000	39.00	45.00

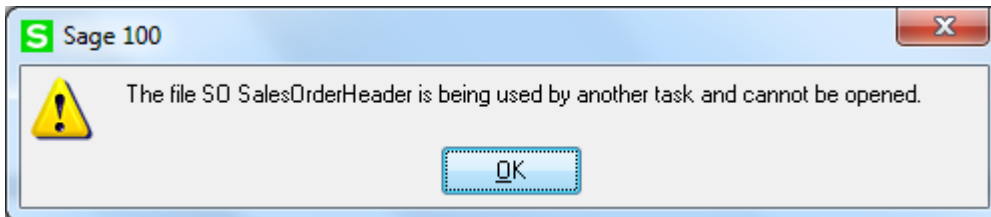
1 difference(s) found
=====

Date: 3/30/2018 - 18:16 Company: ABC

Item No	WHSE	Actual Alloc Qty	In File
---------	------	------------------	---------

0 difference(s) found
=====

Note: If **Sales Order** is opened, the following message appears when opening **Recalculate Allocated Inventory** program:



Visual Integrator

The files listed below have been added, or changed, in the Data Dictionary by RBO enhancement for Visual Integrator purposes.

Tables

AR_Customer

AR_InvoiceHistoryHeader

IM_ItemWarehouse

IM_Warehouse

SO_InvoiceHeader

SO_InvoiceDetail

SO_SalesOrderHeader

SO_SalesOrderDetail

SO_SalesOrderHistoryHeader

Fields

AR068_RBOPriorityCode

AR068_RBOFutureOrder
AR068_RBOPriorityCode

IM068_RBOQtyAllocated

IM068_RBOInclInAllocation

SO068_RBOFutureOrder
SO068_RBOPriorityCodeSO068_RBOQtyAllocated
SO068_RBOPickingSheetCode
SO068_RBOPrevPickSheetCodeSO068_RBOFutureOrder
SO068_RBOPriorityCodeSO068_RBOQtyAllocated
SO068_RBOPickingSheetCode
SO068_RBOPrevPickSheetCodeSO068_RBOFutureOrder
SO068_RBOPriorityCode

ODBC Dictionary

The files listed below have been added or changed in the ODBC Dictionaries by this enhancement for Crystal Reports purposes.

Tables

AR_CustomerListingWrk

BM_OptionsListingWrk

Fields

AR068_RBOPriorityCode

BM068_RBOAutoSOAllocate

IM_OptionsListingWrk	IM068_RBOAutoSOAllocate IM068_RBOEnableAllocByTotalWhs
IM_WarehouseListingWrk	IM068_RBOInclInAllocation
PO_OptionsListingWrk	PO068_RBOAutoSOAllocate
SO_OpenOrdersWrk	SO068_RBOPriorityCode
SO_OptionsListingWrk	SO068_RBOAllowFutureOrder SO068_RBODaysForSetFuture
SO_PickingSheetWrk	SO068_RBOQtyAllocated SO068_RBOPickingSheetCode
SO_SalesOrderWrk	SO068_RBOQtyAllocated