

## USING AN ALTERNATE UOM TO CORRECT A UOM FACTOR ON AN ITEM WITH ACTIVITY

When you need to change a UOM conversion factor on an item **after** activity exists you can utilize an alternate UOM vs having to renumber and create a new item . For example, the vendor changed pricing a 4'x8' from nominal pricing (eg 4x8 = 32 sf) to actual pricing (eg 48"x 96" = 33 sf).

When using this option, you define a separate / similar UOM code for each costing factor (eg 32' vs 33').

### Steps to Support this Option

1. Define a UOM code for the alternate UOM

Data Files > Item Information > UOM Codes

2. Define an UOM conversion factor for the alternate UOM

Data Files > Item Information > UOM Conversions

3. Add the new alternate UOM factor to the item

Data Files > Item Information > Items > display UOM conversion toolbar option

You can eliminate Step 2 by defining the new UOM conversion factor at the same time as adding the new UOM alternate UOM to the item.

4. Change the Cost UOM code on the item supplier record

Data Files > Item Information > Items > assigning item suppliers toolbar option

Example using a base item defined with a stocking and costing UOM of SH.



UOM Conversion Setup -- [Central Branch Name] [v551 Devel]

Choose Existing Conversion

From:  To:

Description:

From	To	Conversion Factor	Description	uom
10G	10G	1.0000000000	10GALLONS	
1CT	1CT	1.0000000000	1 Count	
1CT	BOX	250.0000000000	250 1ctn per box	
2G	10G	40.0000000000	test	
2G	2G	1.0000000000	2GALLONS	
2G	EA	1.0000000000	2g to ea	
3/8	3/8	1.0000000000	3/8 BASIS FOR PANELS	
48TH	GAL	6144.0000000000	6144 48ths in a Gallon	
48TH	OZ	48.0000000000	There are 48 in an ounce	
48TH	QT	1536.0000000000	1536 48ths in a Quart	
55SH	55SH	1.0000000000		
5G	10G	2.0000000000	5G to 10G	
5G	5G	1.0000000000	5 GALLONS	

Update Attach to Item >>

Create New Conversion

There are:  in a:

Desc:

Retain Conversion Info Attach to Item >>

Unit of Measures for Item: PWCP

Stocking: SH Display: SH

Costing: SH SO/Quote: SH

PI Count: SH CM: SH

PI Broken: SH Picking: SH

DW Reports: SH Picking Tally: From Order

Delivery: SH

Invoice: SH

WMS 1:

WMS 2:

WMS 3:

UOM Conversions for Item: PWCP

From	To	Conversion Factor	Description
SH	MSF	31.2500000000	4x8 32SF per SH
SH	QMSF	30.2966547400	OS 49x97, 33.0069 SF p
SH	SH	1.0000000000	

There are 31.25 SH in a MSF. Delete

Update Exit

## Define Cost UOM for Supplier

If you only have one primary supplier for the item define the new alternate Costing UOM on the item supplier record. If you have multiple suppliers assigned to the item and they are using different UOM factors, define the appropriate costing UOM factor to each item supplier record.

Example:

Primary Supplier assigned with the original Stocking UOM to Costing UOM factor.

Item Maintenance -- [Central Branch Name] [v551 Devel]

Item Suppliers -- [Central Branch Name] [v551 Devel]

Branch: CENTRALBRNCH

Item: PWCP      Size: 5/8" 4x8+      Description: woodgrain comm pine pbc

Suppliers Maintenance

Supplier

Primary Supplier for This Item

Supplier ID: ALL WOOD      Seq: 1

Ship-from: All Wood Supply

Lillwap      WA      242441575

Supplier Item Reference

Part #/UPC: \_\_\_\_\_

Purpose:  Part #       Part # and UPC Code

Print on Forms

Print Supplier Cross Ref on Customer Form:

Factors

Weight: 1.0000      SH      Load: 1.0000      SH

Weight Overridden       Load Overridden

Get Item's Weight      Get Item's Load

Supplier UOM

Cost UOM: MSF

Qty UOM: \_\_\_\_\_

Use for Order Qty in PO Entry

Use for Order Qty on PO from SPO

Use for Order Qty on Printed PO

Use for Qty Remain on PO Check In List

Use for Receiving Qty

Lead Time Days

Update Lead

Most Recent: 0

2nd Recent: 0

3rd Recent: 0

4th Recent: 0

5th Recent: 0

For the additional suppliers requiring the alternate UOM, assign the Cost UOM based on the new alternate UOM.

Item Maintenance -- [Central Branch Name] [v551 Devel]

Item Suppliers -- [Central Branch Name] [v551 Devel]

Branch: CENTRALBRNCH

Item: PWCP      Size: 5/8" 4x8+      Description: woodgrain comm pine pbc

Suppliers Maintenance

Supplier

Primary Supplier for This Item

Supplier ID: 0523      Seq: 1

Ship-from: Bear Wood Supply

Fremont      CA      645607898

Supplier Item Reference

Part #/UPC: \_\_\_\_\_

Purpose:  Part #       Part # and UPC Code

Print on Forms

Print Supplier Cross Ref on Customer Form:

Factors

Weight: 1.0000      SH      Load: 1.0000      SH

Weight Overridden       Load Overridden

Get Item's Weight      Get Item's Load

Supplier UOM

Cost UOM: QMSF

Qty UOM: \_\_\_\_\_

Use for Order Qty in PO Entry

Use for Order Qty on PO from SPO

Use for Order Qty on Printed PO

Use for Qty Remain on PO Check In List

Use for Receiving Qty

Lead Time Days

Update Lead

Most Recent: 0

2nd Recent: 0

3rd Recent: 0

4th Recent: 0

5th Recent: 0

The system continues to use the standard costing UOM factor so you only need to define the Cost UOM value on the item supplier if different than the default costing UOM. For explanation purposes only, both records were defined above.

## Impact on Purchase Order

For the Primary Supplier, when entering a PO the costing UOM of MSF is auto assigned.

Item	Ordered qty	Qty UOM	Cost	Cost UOM	Received qty	Msg	Status	Size	Item description
PWCP	1.0000	SH	3,906.2500	MSF	0.0000		Open	5/8" 4x8+	woodgrain comm pine pbc

For the additional supplier, the costing UOM of OMSF is auto assigned.

Options

Item	PWCP	5/8" 4x8+	woodgrain comm pine pbc
On order	1.0000	SH	3,787.0818 / OMSF
			No discount
			Ext cost 125.00

Ext weight 1.00      Ext load 1.00

Options    Cancel    Save

When costing based on 'Last PO Cost' the system continues to reference last PO cost on both orders regardless of who is the primary supplier (unless item flag is set "update last PO cost for primary supplier only".)

Item Maintenance -- [Central Branch Name] [v552 Devel]

File Edit Options View Window Go To Help

Search by Item  Search < > >> Branch CENTRALBRNCH

Item PWCP Size 5/8" 4x8+ woodgrain comm pine pbc

Inventory costs

Market cost:  /SH  Fixed Last PO cost:  /SH  Fixed

Market cost formula:   Update last PO cost for primary supplier only

Update last PO/Recv cost when order does not affect inventory

Last received landed cost:  /SH Last PO ID:

Last received unit cost:  /SH PO cost default:

Misc cost/price and description

Manufacturer Cost:  /SH

Replacement Cost:  /SH

Misc cost:  /SH

Retail:  /SH

Last Purchased Cost:  /SH

Only the costing UOM value changes to back into the factor. In the last example above, the costing value of \$3787.0818 OMSF was assigned.

### Impact on Sales Order

The system continues to calculate average the same regardless of the alternate UOM assigned.

Item Detail

Item  Dimension  Size 5/8" 4x8+

Ordered  SH Available qty  Item desc woodgrain comm pine pbc

Price  SH Committed qty

Ext price  BO

GM %  GM

Net price  Cost  A  Force backorder

Ext weight  Ext load  Discount

Cust PO line #

Tran ID	Item	SO ID	Type	Tran Seq	Quantity	Qty After Adj	Qty UOM	WH Qty After Adj	WH Qty UOM	Activity Cost	Ext. Activity Cost	Cost UOM	New Tally Average	New Average	Market Cost	Average Cost	Fixed Cost	Unit Price	Pricing UOM	Unit Cost	Standard Cost	Additional Cost	Freight	Location	Lot
440060395-001	PWCP		RV	1	1.0000	1.0000	SH	5.0000	SH	125.0000	125.0000	SH	125.0000	126.6000	.0000	125.0000	.0000	.0000	N/A	125.0000	.0000	.0000	.0000	100	B1233
440060394-001	PWCP		RV	1	1.0000	1.0000	SH	4.0000	SH	133.0000	133.0000	SH	125.0000	127.0000	.0000	133.0000	.0000	.0000	N/A	125.0000	.0000	.0000	.0000	100	123
440060339-001	PWCP		RV	1	1.0000	1.0000	SH	3.0000	SH	125.0000	125.0000	SH	125.0000	125.0000	.0000	125.0000	.0000	.0000	N/A	125.0000	.0000	.0000	.0000	100	A212
440060337-001	PWCP		RV	1	1.0000	1.0000	SH	2.0000	SH	125.0000	125.0000	SH	125.0000	125.0000	.0000	125.0000	.0000	.0000	N/A	125.0000	.0000	.0000	.0000	100	A211
440060336-001	PWCP		RV	1	1.0000	1.0000	SH	1.0000	SH	125.0000	125.0000	SH	125.0000	125.0000	.0000	125.0000	.0000	.0000	N/A	125.0000	.0000	.0000	.0000	100	A21
					5.0000					633.0000															8.0000

## **MISC Notes**

The system continues to report market costs in the default costing UOM. Even if you are no longer using the original costing UOM on purchases, the system continues to report everything in the original UOM which cannot be reassigned.

When you have a large number of items that need to be assigned the new alternate UOM, create a spreadsheet with the following columns (in this specific order):

Item, Factor, From, To

Then populate the records in the spreadsheet that you want to update with the new alternate UOM conversion factor and send to DMSi who can mass load the data for you.

To mass update the Cost UOM on the item supplier record for primary suppliers you can use the Item Import. To mass update the Cost UOM on the item supplier record for the non-primary suppliers, you can use the Item Mass Update. Using both options you need to have the alternate UOM conversion factor defined in the system before running the programs.

### **Consider this other option:**

[AR825 – How to correct UOM factor on Item with activity – Renumbering an item.](#)