

## How to use the new Replenishment by Region

Replenishment by Region code will automatically select the locations in the region to replenish. The alternative is primary replenishment where the bin locations are specified with minimum and maximum quantities. Normally businesses want to rotate inventory from backstock inventory – called Overflow locations when the current QOH is less than the Minimum setting and then will advise to transfer up to the maximum setting. Replenishment can be calculated based on Quantities and Volume. When using Volume setting it is best to set the volume field in Item Maintenance for example for the Item Volume cubic foot of the item. The system also provides a Maximum Volume and Quantity of how much of an item that fits in a bin location in the Region. See the field in BLUE **Fits per Loc In Region**. For future reference Quantity Volume capacity settings can be set in Region Maintenance and Bin Location maintenance. Use these fields when doing Directed Putaway – putting goods away from typically staging to pick location types. Enable Region Replenishment by clicking ON the Replenishment Option field **Enable Primary Region Selection**.

Item Maintenance (ABC) 5/30/2018

Item Code: 2480-8-50  
Description: Small drawer

Warehouse Code: 000 CENTRAL WAREHOUSE

Putaway Defaults and Region Replenishment

Putaway Aisle Codes	Region 1	Region 2	Region 3	Region 4	Region 5
Minimum	100.00	.00	.00	.00	.00
Maximum	1,000.00	.00	.00	.00	.00
Fits per Loc in Region	500.00	.00	.00	.00	.00

Replenish by Qty/Vol: Quantity

Pick Area - Primary Pick Locations

Bin Location 1	Bin Location 2	Bin Location 3	Bin Location 4	Bin Location 5
A30L	B5	B7	O3	A88L
Minimum	.00	.00	.00	.00
Maximum	.00	.00	.00	.00

Replenishment Dashboard

Put Batch No. 0000000097 From Warehouse Code 000 Batch Description  
To Warehouse Code 000 Replenishment Filter: Items requiring Replenishment

Transfer Mode: Quick Transfer

Selections to the Items and Locations to Replenish

Select Field	Operand	Value
Item Code	All	
Bin Location	All	
Region Code	All	
Aisle	All	
Sales Order No	All	
Sales Order Ship Date	All	

Item	Whse	Description	Rep...	Replenis...	AddQty	TotalRep...	FromBin	ToReple...	Transfe...	Dest.
1001-HON-H252	000	HON 2 DRAWER LE...	Yes	400.00	.00	400.00	O1	A10L	396.00	Pri-Pic
1001-HON-H252	000	HON 2 DRAWER LE...	Yes	400.00	.00	400.00	O2	A10L	4.00	Pri-Pic
1001-HON-H252	000	HON 2 DRAWER LE...	Yes	400.00	.00	400.00	O1	A70M	396.00	Pri-Pic
1001-HON-H252	000	HON 2 DRAWER LE...	Yes	400.00	.00	400.00	O2	A70M	4.00	Pri-Pic
1001-HON-H252	000	HON 2 DRAWER LE...	Yes	1,000.00	.00	1,000.00	O1	B1	694.00	Pri-Pic

Replenishment Options

Selections and Quantity

- Increase putaway qty for the destination qty allocated
- Zero Minimum means to always select item to replenish
- Zero Max means no maximum quantity select to transfer
- Use Quantity on Order and Manufacturing when greater
- Add to Quantity Required 0 0.000
- Enable Primary Region Selection**

Save Options

- Save changes to Company
- Save changes to Batch

Replenishment Inventory Allocation Rules

1) VI (Visual Integrator) import fields for the Region MinMax is the same for the Primary bin location import – IM404\_ItemLocation. To import to the Quantity per location in the Region – the file is IM404\_ItemPrimaryRegion.

The screenshots show the 'Import Job Maintenance' application interface. The top row shows the 'Configuration' step for Job Name 'PRIMARY' (Compiled File Name: VWI05) with Table Name 'IM404\_ItemLocation'. The bottom row shows the 'Data' step for Job Name 'PRIMARY' with a list of available fields and a table of field mappings.

Field Name	Typ	Oper	Col/Pos	Len	Msk/Val
ItemCode	S	REPL	00001	30	
WarehouseCode	S	REPL	00002	3	
Region1	S	REPL	00003	10	
RegionMinimum1	N	REPL	00004	16	##.###.###.000
RegionMaximum1	N	REPL	00005	16	##.###.###.000

The top row shows the 'Configuration' step for Job Name 'ITEMMAXREG' (Compiled File Name: VWI06) with Table Name 'IM404\_ItemPrimaryRegion'. The bottom row shows the 'Data' step for Job Name 'ITEMMAXREG' with a list of available fields and a table of field mappings.

Field Name	Typ	Oper	Col/Pos	Len	Msk/Val
WarehouseCode	S	REPL	00001	3	
ItemCode	S	REPL	00002	30	
ItemQtyPerLocOverride	N	REPL	00003	16	##.###.###.000

2) In this example 1000 maximum for region PICK-B and 500 went to each location in the region.

Item Code	Warehouse Code	Region	Minimum	Maximum
2480-8-50	000	O1	500.00	500.00
2480-8-50	000	O2	500.00	500.00
2480-8-50	000	O1	500.00	500.00
2480-8-50	000	O2	500.00	500.00

The configuration window shows Putaway Region Codes for PICK-B with a Maximum value of 1,000.00.

Putaway Region Codes	Minimum	Maximum
PICK-B	100.00	1,000.00

The table also shows 'Fits per Loc in Region' set to 500.00 and 'Replenish by Qty/Vol' set to Quantity.