



MABUG 2019

FLOOR MANAGEMENT VERSION: VL19.010

TOPICS

- Overview:
 - System Directed Put Away
 - System Verified Put Away
- Summary
 - When Used?

SYSTEM DIRECTED PUT AWAY

- Benefits:
 - Maximizes use of Space. Increases Storage Revenue
 - Minimizes Time determining Storage Location. Reduces Labor Costs
 - Aids in better/more timely Decision making
 - Example: Warehouse Space Capacity is near Full
 - Should we acquire/lease an additional Building?

SYSTEM DIRECTED PUT AWAY

- Scope / Requirements:
 - Radio Frequency
 - Hardware
 - System
- Dimensions / Space Management:
 - ALL Locations in a Warehouse
 - ALL Products

SYSTEM DIRECTED PUT AWAY

- Usage:
 - Radio Frequency (RF):
 - Receiving:
 - Single
 - Bulk
 - One/more ASNs
 - Identified Conveyance / Unit IDs)
 - Moves
 - Non-RF:
 - Adjustments

SYSTEM DIRECTED PUT AWAY

- Configurations:
 - Parameters that may be defined/used:
 - Location Related:
 - Zones
 - Storage Types
 - Co-Storage Rules
 - Inventory Related:
 - Popularity (a.k.a. Velocity / Turns)
 - Separation
 - Both:
 - Dimensions / Cubic Space

SYSTEM DIRECTED PUT AWAY

- Configuration (Continued):
 - User Defined Profiles:
 - Rules the System applies to “Score” and select the BEST Location for a Product
 - 1. Best Zone
 - 2. Best Separation
 - 3. Best Zone before Best Separation
 - 4. Best Separation before Best Zone
 - 5. Best Combination of Zone and Separation

SYSTEM DIRECTED PUT AWAY

- Configuration (Continued):
 - Dimensions / Space Management:
 - Locations:
 - Length, Width and Height
 - Maximum: Load (Weight) and Stack (Pallets)
 - Minimum Clearance: Length, Width and Height
 - Products:
 - Length, Width and Height
 - Pallet Configuration:
 - # per Tie (i.e. Units per Layer)
 - # of Tiers (i.e. Number of Layers per Pallet)
 - Odd Tie (i.e. If Top Tier has a different # of Units per Layer)

SYSTEM DIRECTED PUT AWAY

- Configuration:
 - Co-Storage Rules:
 - How may Stock be Mixed in a Location?
 - Products for Same Clients
 - Products for Same Generic Code
 - One Product for One Client
 - Multiple Lots to Last Directed Location (SIEPAC)
 - Not Applicable (i.e. Any Mix of Stock)

SYSTEM DIRECTED PUT AWAY

- Information:
 - Capacity Measurements (Location, Aisle and Warehouse)
 - % Filled Cube
 - % Empty Cube
 - % Reserved Cube
 - % Bounded Cube

SYSTEM VERIFIED PUT AWAY

- Benefits:
 - Minimizes Investment Costs
 - No need to purchase RF Hardware
 - No Training of Users on RF
 - Minimizes Labor and Start-Up Time
 - No need to define Dimensions for ALL Locations and Products
 - Audit Report of Stock in improper Locations
 - What stock? Who/when was it placed there?
 - May take appropriate Actions:
 - Discuss with User reasons why stock located there
 - Move stock to a Valid Location

SYSTEM VERIFIED PUT AWAY

- Benefits (Continued):
 - Query / Trace Tool for Location Selection
 - Allows User to View WHY the System selected the Location (based on Configurations)
 - Enables User to identify/correct invalid Put Away definitions

SYSTEM VERIFIED PUT AWAY

- Scope / Requirements:
 - User selects a Location
 - System Verifies the Selected Location is Valid
 - Warns if Location is Invalid
 - Allows override of an Invalid Location (Password required)
 - Captures Invalid Locations to an Audit File / Report
 - Does NOT require Real-Time (i.e. RF is Optional)
 - Dimensions for ALL Locations and Products is NOT required (Optional)

SYSTEM VERIFIED PUT AWAY

- Usage:
 - Radio Frequency (RF):
 - Receiving Options
 - Move Options
 - Non-RF:
 - Receiving
 - Un-Rated Receipts (RE.21)
 - Rated Receipts (RE.31)
 - Adjustments (OR.20)

SUMMARY

- When are Specific Put Away Strategies Used?

	Operator Directed	System Verified of Operator Directed	System Directed
Commodity	All (Macro)	All	All (Micro)
Staff Experience	High	Moderate to High	Low to Moderate
Segregation Requirement	Little	Moderate	High
Configuration Required	Little	Moderate	High
RF Dependent	None	Recommended	Required
Occupancy	High +	High	Moderate+

QUESTIONS?



THANK YOU



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