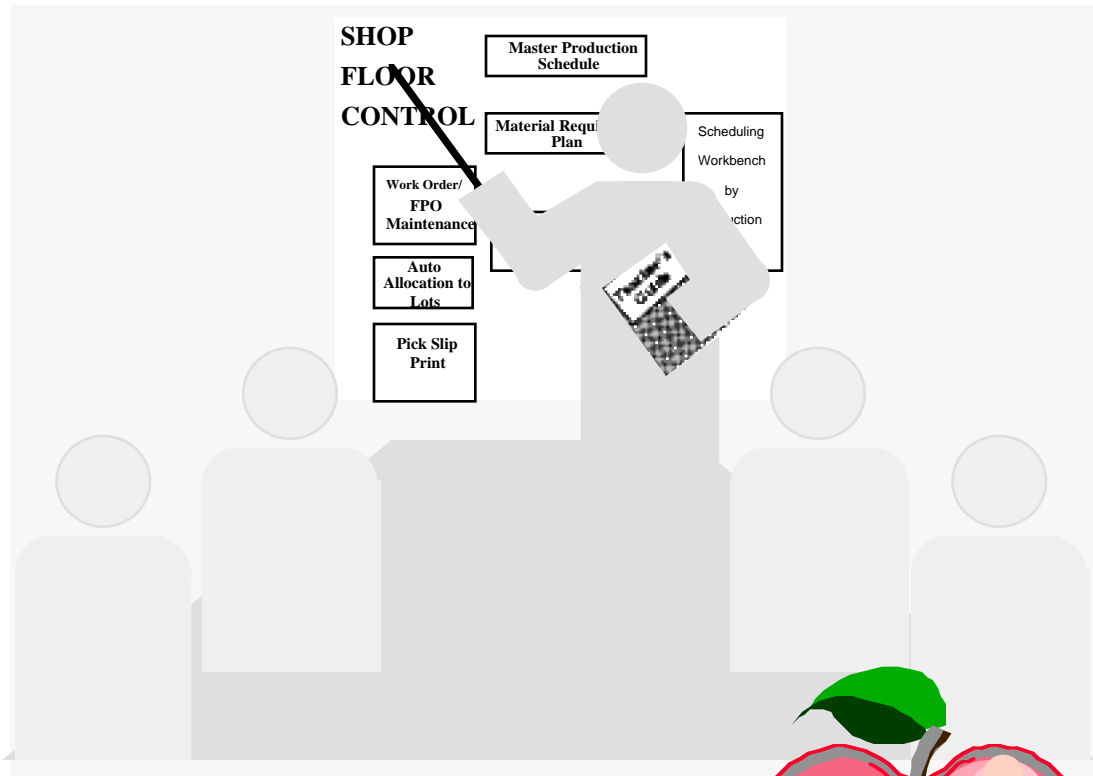


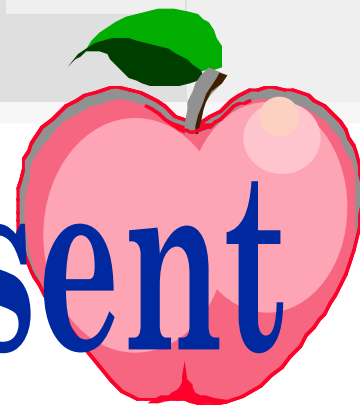
Lot Control in PRMS™

Version 8.4

RMS/Present



RMS/Present



Version 1.1

A Product of

MXB - Managing the Business

100 N. Freeman Road

Tucson, AZ 85748

(520) 886-5914

www.ElectricEd.com

Sample Agenda

Day 1

Morning

**Lot Control Overview
Setting Up**

Afternoon

**Hands On Workshop
Function by Function Review
Reports and Inquiries**

Day 2

Morning

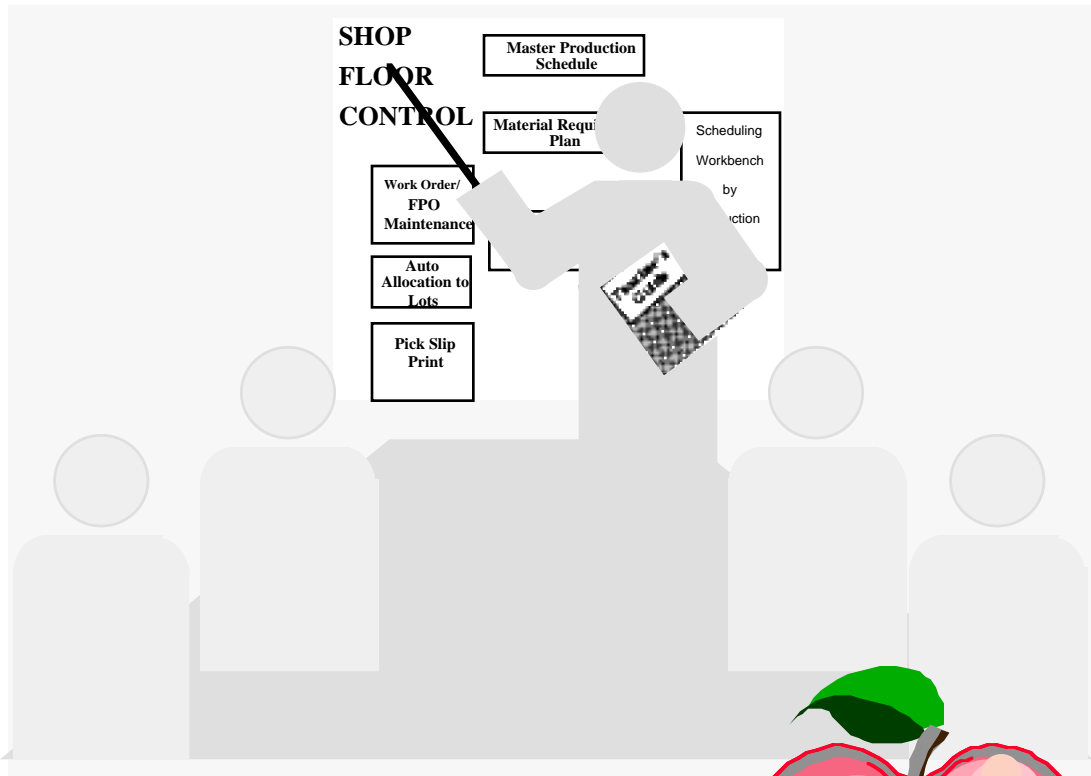
Workshop

Afternoon

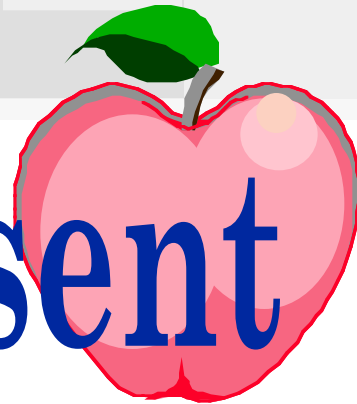
Implementation Issues

What is Lot Control

Version 8.4

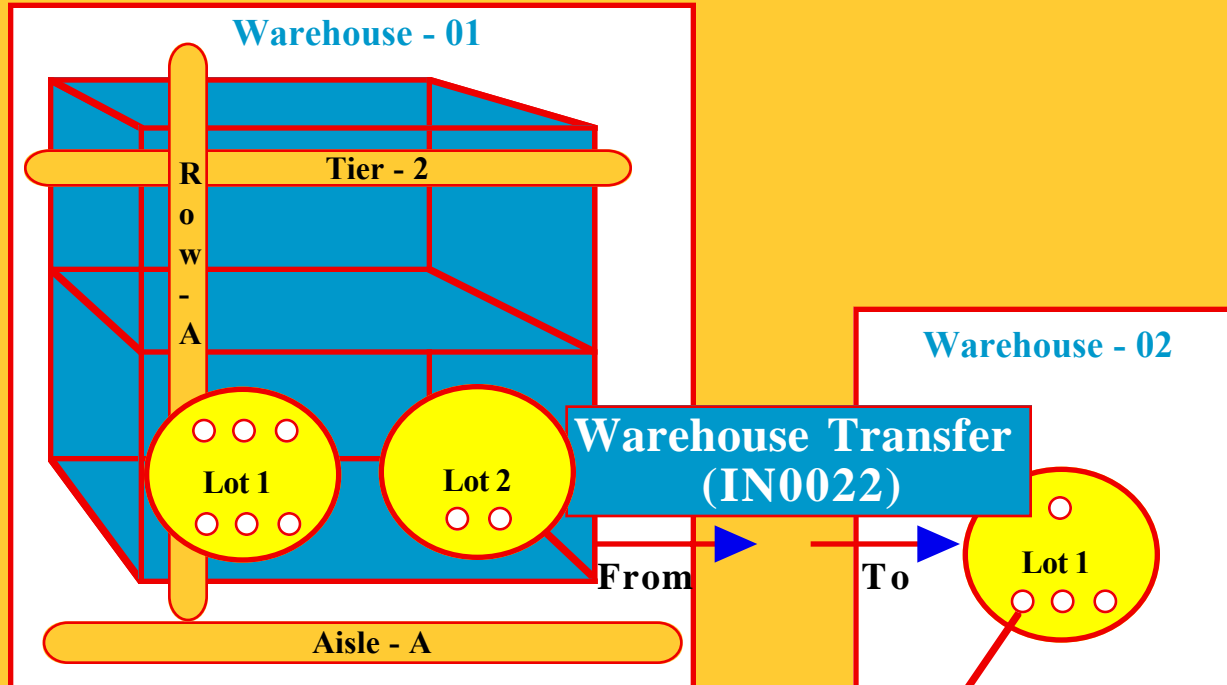


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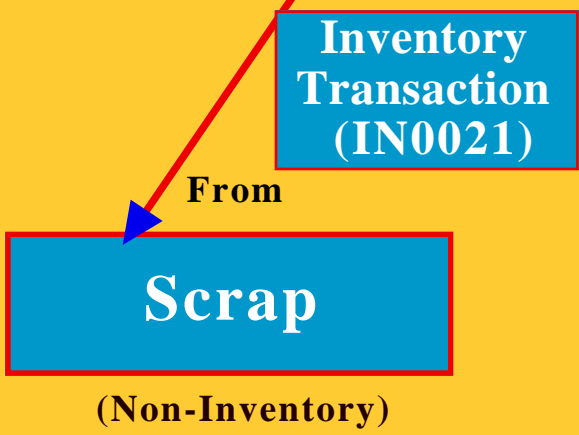
PRMS INVENTORY STRUCTURE

BEGINNING BALANCE - ISSUES + ADJUSTMENTS + RECEIPTS



On Hand

<i>Product</i>		3
<i>Warehouse</i>	01	2
<i>Location</i>	A-A-1	1
<i>Lot</i>	1	1
<i>Location</i>	A-B-1	1
<i>Lot</i>	2	1
<i>Warehouse</i>	02	1
<i>Location</i>	blank	1
<i>Lot</i>	1	1



MXB,1998

Major Features

LOT MASTER MANAGEMENT

Text - QA Information & Lot Specification

Expiration/Last Allowable Ship Date, Shelf Life

Purge and History Control

Potency, Last and Next Test Date

MULTIPLE PRODUCTS PER LOT

AUTO AND/OR MANUAL ALLOCATION TO CUSTOMER/REPLENISHMENT AND MANUFACTURING ORDERS

*Expiration Date, Lot Number or Quantity Remaining in Lot Sort
Selection*

ON LINE AND REPORT BASED "WHERE USED" AND "HOW MADE" TRACKING

"LOTS REQUIRED" EDITING BY PRODUCT

"OLD LOT/NEW LOT" CONTROL BY INVENTORY TRANSACTION CODE

CALCULATED EXPIRATION DATE

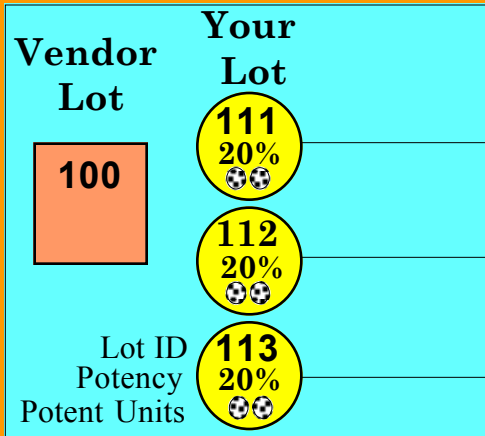
POTENCY PROCESSING

Assignment and Cycle Test Dates for Potent Values

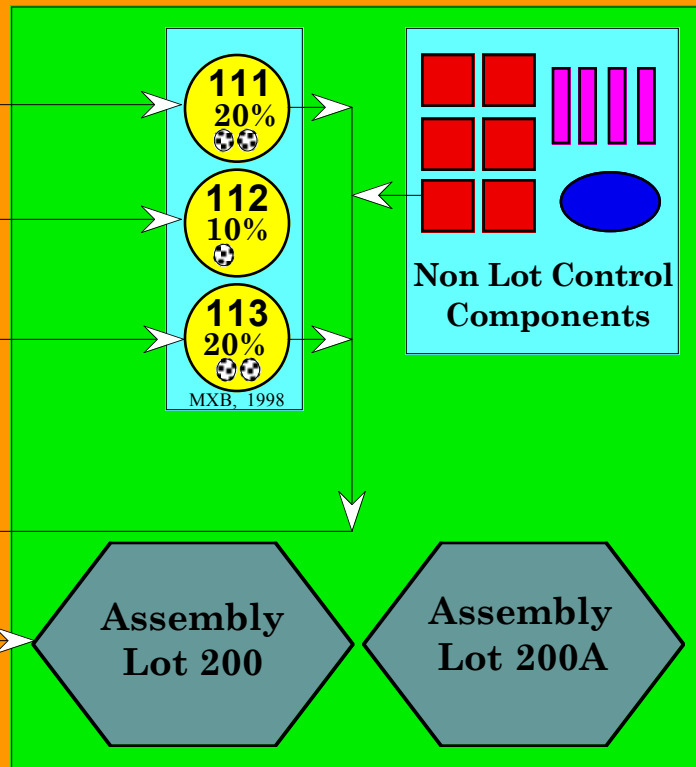
*Physical and Active Unit of Measure based Product Structures, Cost
and Manufacturing Allocations*

PRMS Lot Control

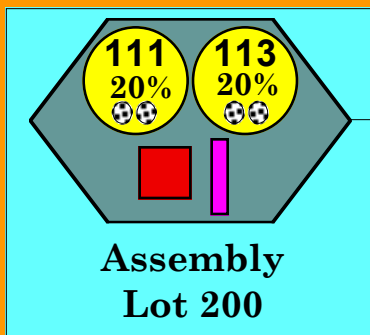
Receiving



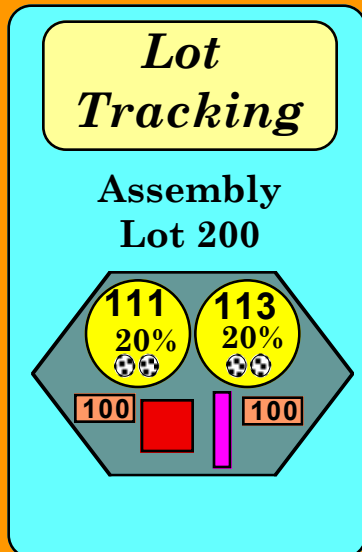
Inventory



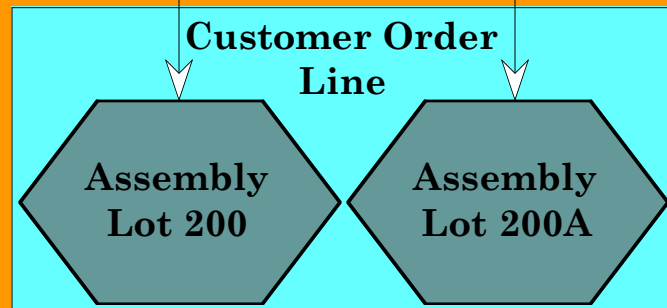
Shop Floor



Lot Tracking



Customer Order Processing



Lot Master Maintenance

(MS0809)

Normally Created for you at Receipt Entry Time (PO0410) or Production Reporting (SF0020, SF0320)

Input Fields

LOT ID - (10) ALPHANUMERIC

PRODUCT NUMBER

LOT DESCRIPTION

LOT SPECIFICATION TEXT ID

Links to Text Maintenance for attachment and maintenance of lot text

QA INFORMATION TEXT ID

Links to Text Maintenance for attachment and maintenance of lot text

VENDOR'S LOT ID

EXPIRATION DATE

Calculated from Shelf Life and may be maintained

Used by Lot Allocations for Customer/Replenishment and Manufacturing Orders

LAST ALLOWABLE SHIP DATE

Used by Lot Allocations for Customer/Replenishment and Manufacturing Orders

Lot Master Maintenance (cont.)

(MS0809)

Input Fields

SHELF LIFE

Default from Product Master, can be overridden

AVAILABLE FOR PURGE (Y,N)

"Y" - Lot is eligible for purge by Month End Inventory routines

KEEP HISTORY (Y,N)

Transactions for this lot are saved to history when purged from active files

AUTO ISSUE TO CO, WO, AND/OR WRO (Y,N)

If "N", this lot will not be eligible for allocations by any of the automatic facilities

GRADE

LAST AND NEXT TEST DATE

The last and next scheduled cycle test date

POTENCY

For active ingredients, the specific potency of this lot which is compared against work order requirements to determine eligibility, quantity, and filler requirements

Module Review

RECEIVING

Assigns Lot Number and Vendor Lot Number with Option to Receive to Multiple Lots/Locations

INVENTORY CONTROL

Transactions against Lots, From and To Warehouses and Locations

PHYSICAL INVENTORY

Schedules and Counts at the Lot/Location Level

PRODUCT STRUCTURE

Defines Potency Requirements for Allocations to Manufacturing Orders

SHOP FLOOR CONTROL

Allocates Components to Lots and Issues to Orders

Posts Production to Lots for Assemblies

REPLENISHMENT ORDERS

Allocates Lots to Orders

Ships and Receives lots in "To" Warehouse/Plant

Allows Distribution of Single Lot to Multiple Lot Receipts

CUSTOMER ORDER PROCESSING

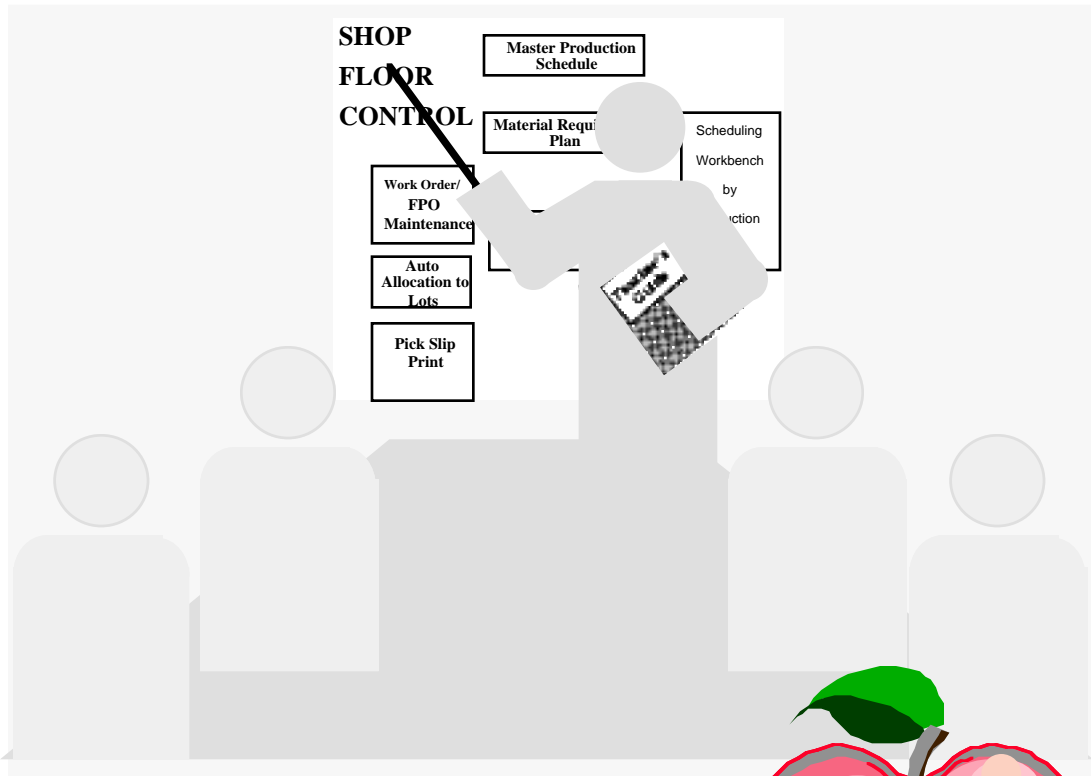
Allows Lot Allocation/Distribution at Order Entry

Allocates Order Lines to Available Lots

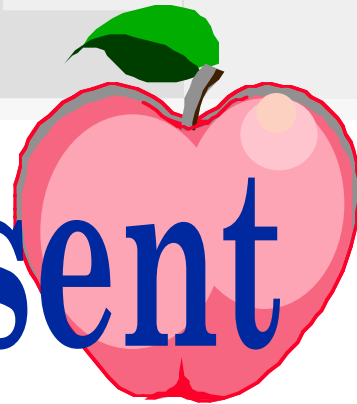
Ships at the Lot Level Detail

Setting Up

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Master File Maintenance Programs

SYSTEM CONTROL (WCMANT)

PRODUCT MASTER MAINTENANCE (MS0825)

TRANSACTION CODE MASTER (IN0800)

**RECEIPT TRANSACTION CODE MAINTENANCE
(PO0800)**

LOT MASTER MAINTENANCE (MS0809)

PRODUCT STRUCTURE MAINTENANCE (PS0021)

ORDER TYPE MAINTENANCE (OB0809)

System Control

(WCINQ)

Inventory Control

Your Value

INVENTORY OPTIONS (IN)

- _____ Potency(Y,N) Turns on Potency functionality
- _____ Lot Inventory(Y,N) Turns on Lot functionality,
creates/updates lot master and lot/bin
inventory files
- _____ Multiple Products Per Lot (Y,N)
Allows different products to have the same
lot without warning message
- _____ Edit for Duplicate Lot Numbers(Y,N)
Edits lot number at plant level against
corporate lot master and issues warning if
duplicate exists at transaction time
- Lot Auto-Allocation Options - (E)xpiration Date, (L)ot ID,
Least (Q)uantity Remaining
- Used by Auto Allocations to determine lot
allocation method
- _____ *Customer/Replenishment Orders*
- _____ *Production Orders (Discrete Picks)*
- _____ *Production Orders (Consolidated Pick-repetitive)*
- Location Allocation Method (OB)
Not Used

(WCINQ)

Inventory Options (IN)-cont.

- _____ **Primary Allocation Sort Method (OB)**
Determines whether lots should be first criteria of allocation by Auto Allocation of Customer Orders or location - by primary location code of location then alpha numeric of location id
- _____ **Primary Allocation Sort Method (CP)**
Determines whether lots should be first criteria of allocation by Consolidated Pick for repetitive items or location
- _____ **Manual Production Order Allocation (Y,N)**
Determines if manual allocations to expired lots can be made in Manual Allocations (MS0809)

INVENTORY TRANSACTION CODES (INCODE)

- _____ **Warehouse Transfer From/To Codes**
Determines which inventory transaction codes are defaults for Warehouse Transfers (IN0022)
Transaction codes carry the assignation of old lot/new lot flag

(WCINQ)

Inventory Options (IN)-cont.

PERIOD END DATES & CONTROL (INMEDT)

- _____ **Retention Days Lot and Lot/Location Records**
Determines how many days a lot or lot/location record with zero inventory will be retained before purging by month end processing

Order Entry & Billing

ORDER ENTRY & BILLING OPTIONS (OB)

- _____ **Warning Message for Lot Required Allocations (Y,N)**
Forces an edit at Order Entry manual allocation time **(OB0070)** that a lot required product needs a lot assignment
- _____ **Allow Allocation Quantity Maintenance (Y,N)**
Determines if manual allocations to lots/locations can be made from Order Entry **(OB0020)**

System Control

(WCINQ)

Shop Floor

SHOP FLOOR OPTIONS (SF)

Inventory Transaction Codes

Determines which inventory transaction codes are defaults for usage by Material Transaction Maintenance (SF0050) and production posting (SF0020/SF0320) of discrete items

Transaction codes carry the assignment of old lot/new lot flag

PROCESS/REPETITIVE OPTIONS (SFPREP)

Consolidate Pick Transaction Codes - From/To

Determines which inventory transaction codes are defaults for usage by Consolidated Pick Movement (SF0530)

Transaction codes carry the assignment of old lot/new lot flag

Production Reporting Transaction Codes

Determines which inventory transaction codes are defaults for usage by Batch Production Entry (SF0320) for repetitive items

Transaction codes carry the assignment of old lot/new lot flag

_____ *Flow Orders*
_____ *Backflushed By-Products*
_____ *Backflush Material Issues*

(WCINQ)

Shop Floor (cont.)

OSF Production Transaction Codes

Determines which inventory transaction codes are defaults for usage by Batch Production Entry (**SF0320**) for orderless items

Transaction codes carry the assignment of old lot/new lot flag

_____	<i>Orderless Production Schedules</i>
_____	<i>Unplanned Production Receipts</i>
_____	<i>Backflush By-Product Receipts from Orderless</i>

Product Master Maintenance

(MS0825)

Identifies if the product requires lots or locations (bins) and if the item is governed by potency

INPUT FIELDS - GENERAL MANUFACTURING

LOTS REQUIRED

LOCATIONS REQUIRED

SHELF LIFE - IN DAYS

PO Receipt date plus shelf life equals expiration date. Can be overridden in Lot Master.

INPUT FIELDS - MANUFACTURING PLANNING

ALLOW SAME LOT ALLOCATION ^{8.3}

A "N" indicates that allocations from multiple lots cannot occur on subsequent allocation runs of the Shop Floor Consolidated Pick

Product Master Maintenance (cont.)

(MS0825)

INPUT FIELDS - PRODUCT INVENTORY

TEST CYCLE DATES USED & TEST CYCLE DAYS

Cycle dates trigger the counting or inspection of specific lots

ACTIVE INGREDIENT

Determines if this product is governed by potency

DEFAULT POTENCY RANGE

The standard, allowable range of acceptable potencies from which Shop Floor allocations can be made

INVENTORY METHOD

Determines if the primary stocking method and expression in the bill of material is in potent units or the physical unit of measure of the item

STANDARD POTENCY DEFAULT

When an active ingredient is received, the standard potency assigned

PHYSICAL UNIT OF MEASURE

If the item is an active ingredient and you are tracking the potent units as the primary unit of measure, this is the physical unit of measure for the item

Product Structure Maintenance

(PS0021)

Identifies if the component is an active ingredient or filler in this product structure usage

Input Fields

COMPONENT USAGE

Active, Filler or Standard

POTENCY RANGE

The allowable range of potent lots

STANDARD POTENCY

For active ingredients that are tracked by their physical unit of measure, this is the standard number of potent units in the physical unit of measure. Used by Shop Floor allocations to determine potent units required.

Transaction Master Maintenance

(IN0800)

Input Fields

TRANSACTION CODE - TWO CHARACTER

TRANSACTION DESCRIPTION

INPUT NEW BEGINNING BALANCE

On hand is calculated as Beginning Balance - Issues + Receipts + Adjustments. This field, and the next three, determine which part of this formula will the inventory transaction effect.

AFFECT ISSUES

AFFECT RECEIPTS

AFFECT ADJUSTMENTS

AFFECT SALES

For transactions that ship product against customer orders, this flag will be used to determine if the MTD and YTD sales figures in Product Master, Warehouse Inventory and Lot/Bin files are updated

MULTIPLE ISSUE TRANSACTION

There is a method to post and issue production materials without having Shop Floor Control turned on. Under these conditions, a work order (without a router) can be created. To post to stock, the multiple issue transaction is used via Inventory Transactions (IN0021). The work order number is given as the reference number and the release number as the release. The transaction is defined with an "Issue Transaction". The hard bill of materials for the posted item is read and issue transactions are created for all the components with the "Issue Transaction". This is a pre-version 7 function.

Transaction Master (cont.)

(IN0800)

Input Fields

WEIGHTED AVERAGE COST ADJUST

Allows "Actual Cost" to be input in Inventory Transactions (IN0021)

P.O. TRANSACTION

The definition of a PO Receiving Transaction (PO0800) includes the inventory transaction code that is used if a warehouse boundary is crossed. PO0800 checks this flag to determine if this code is acceptable to use.

WORK ORDER RECEIPT TRANS.

Used in conjunction with Multiple Issue Transaction, this field should only be "Y" if Shop Floor Control module is turned off

P.O. OR W.O. COST

If actual costs are entered for transactions, this flag determines if this transaction is used to recalculate the Weighted Average Actual cost of an item

VALID FOR ON LINE ENTRY

Determines if this transaction may be available and executed via Inventory Transactions (IN0021)

OLD LOT (Y)/NEW LOT (N)/BLANK

When transacting lots, you may edit that the lot number being transacted is an existing lot number, is being created or not to check

Transaction Master (cont.)

(IN0800)

Input Fields

SAME LOT ISSUES REQUIRED

If "Y", disallows multiple issues of a component from multiple lots - Material Transaction Maintenance (SF0050)

G/L ACCOUNT

This is the contra (or other side) account to the Inventory Asset account of a transaction. By default, every inventory transaction based on the quantity to effect flag will effect the Inventory Asset account. This is the offset account

ISSUE TRANSACTION CODE FOR MULT ISSUES

If this is a Multiple Issue Transaction, this is the transaction code used to issue materials from stock

SKID TICKET PROCESSING

Determines if and how skid tickets will be processed with this transaction. N - Not Used, A - Skid Ticket Created, U - Existing ticket is updated, K - an existing skid ticket number is input for the transaction

Receipt Transaction Maintenance

(PO0800)

RECEIPT TYPE

Add or Update - Receipt Entry or Disposition Update

FROM AND TO DISPOSITION

Where the item is coming from and where it is going

FROM AND TO TRANSACTION CODES

What Inventory Transaction Codes are used for the transaction if a warehouse boundary is crossed

INCREMENT QUANTITY INSPECTED

How to update the Quantity Inspected Counter

ALLOWED FOR INSPECTION REQUIRED PRODUCTS

Is this transaction allowed for products that are flagged as requiring inspection in the Product Master Or Product Vendor Maintenance

RECEIVING ADJUSTMENT ALLOWED

Determines if quantities of a receiver may be changed with this transaction. Adjusting the quantity to zero corrects receiving errors.

Lot Master Maintenance

(MS0809)

Normally Created for you at Receipt Entry Time (PO0410) or Production Reporting (SF0020, SF0320)

Input Fields

LOT ID - (10) ALPHANUMERIC

PRODUCT NUMBER

LOT DESCRIPTION

LOT SPECIFICATION TEXT ID

Links to Text Maintenance for attachment and maintenance of lot text

QA INFORMATION TEXT ID

Links to Text Maintenance for attachment and maintenance of lot text

VENDOR'S LOT ID

EXPIRATION DATE

Calculated from Shelf Life and may be maintained

Used by Lot Allocations for Customer/Replenishment and Manufacturing Orders

LAST ALLOWABLE SHIP DATE

Used by Lot Allocations for Customer/Replenishment and Manufacturing Orders

Order Type Maintenance (cont.)

(OB0809)

Allocate in Order Entry

Determines if and when allocations are performed in OB0020

IF ALLOCATIONS ARE DONE AT ORDER ENTRY, WILL BE DONE WHEN

- (1) Accepting Order *or*
- (2) Using a function key *or*
- (3) Using "enter"
- (N) Do not allocate at Order Entry

Allocation Based On Date

Which order header date is used to select lines for allocation

CHOICE OF REQUESTED, SCHEDULED, OR ORDER DATE

Allocation Sequence for Backorders

Are Back Orders or Regular Orders allocated first

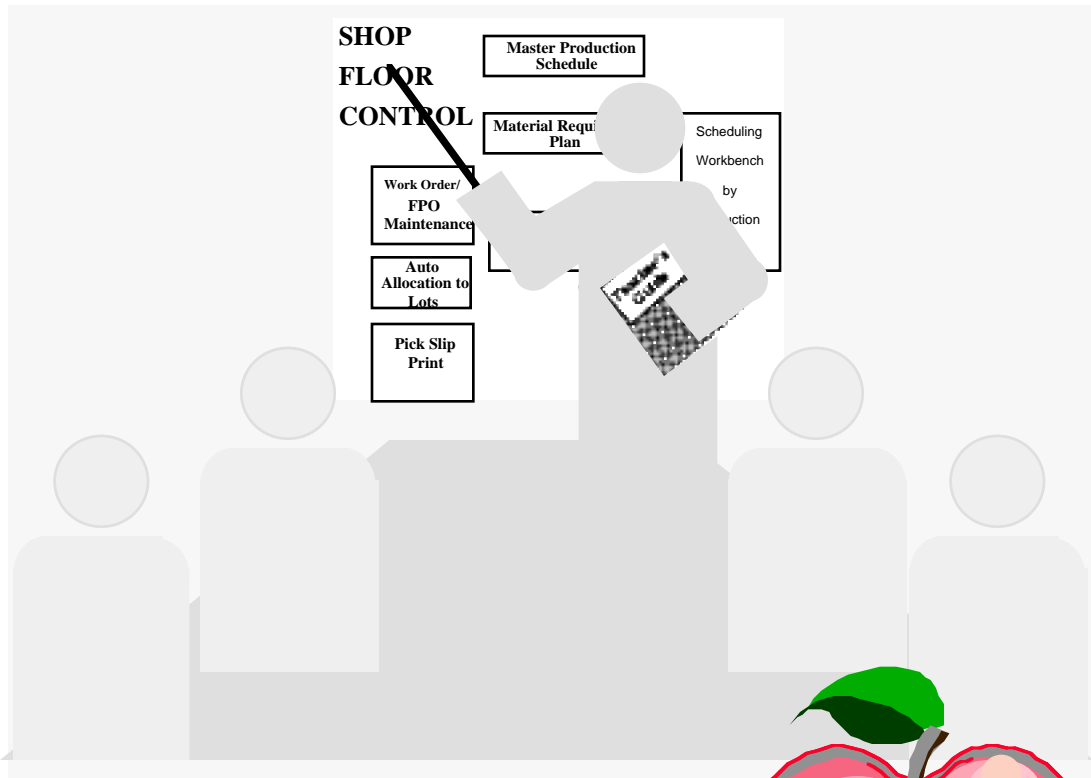
Order Type Allocation Sequence Code

Allocation Priority For all orders using this order type

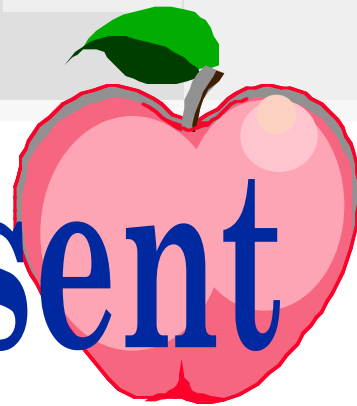
BLANK IS HIGHEST PRIORITY

Function by Function Review

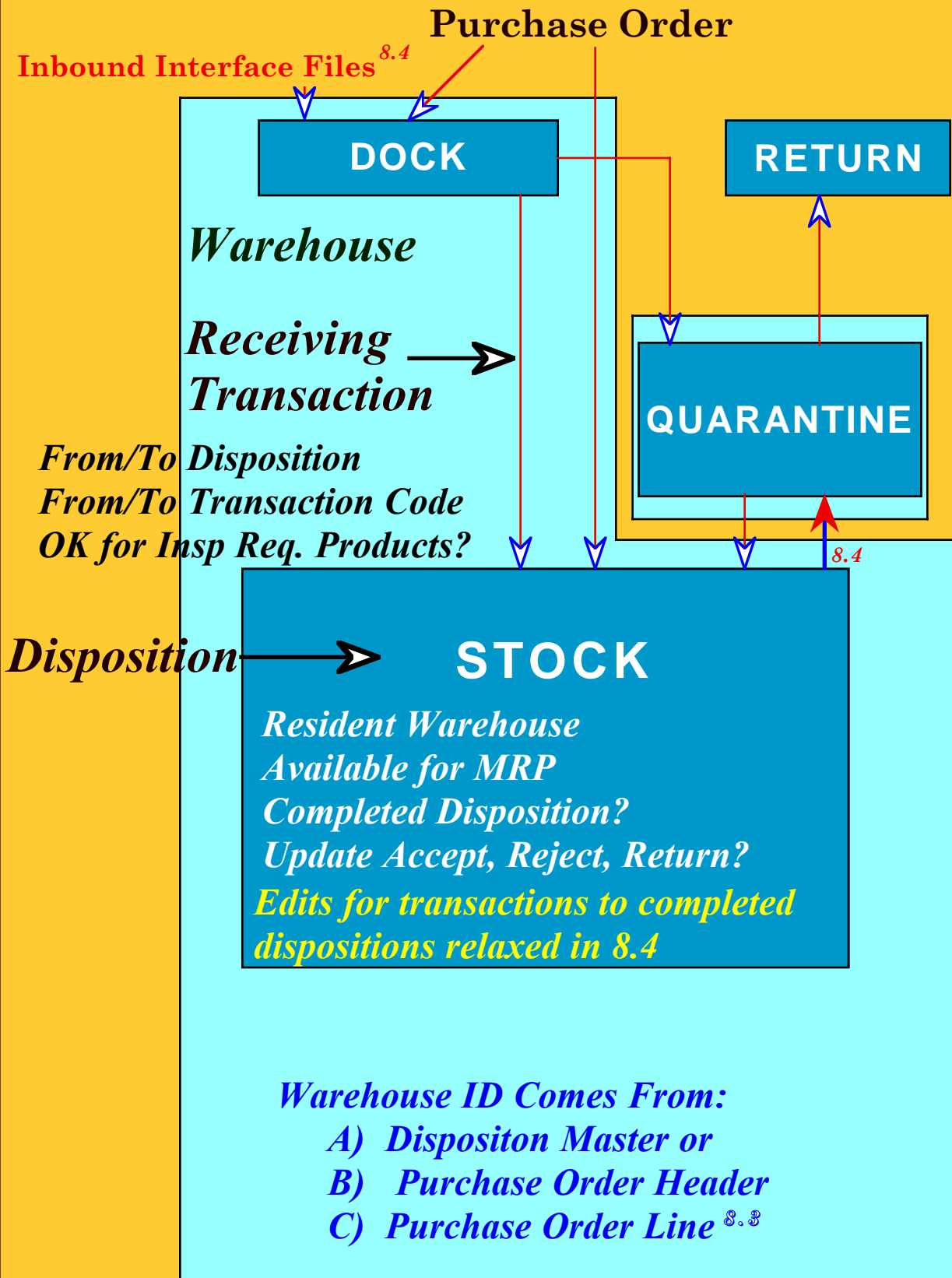
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Dock to Stock



MXB, 1998

Purchase Order Receiving Files

Select Fields

PO Receiver Lines

(INPOP400)

PO/Line/Product
Receiver Number
Vendor
Qty Ordered/Received
Qty Accepted, Inspected,
Rejected
Buyer
Receipt Date
Vendors Lot
Current Disposition
Last Transaction/Date

PO Receipts to Multiple Lots/Loc

(INPOP500)

PO/Line/Product
Receiver Number
Multiple Receipt Seq. No.
Vendor
Rejected
Receipt Date
Lot ID
Vendor Lot
Location
Current Disposition
Last Transaction/Date
Lot Record Created

MXB, 1998

**Receipts Entry
(PO0410)**

**Disposition Update
(PO0420)**

RMS/Present

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PRMS Overview	199.00	349.00	Manufacturing Planning	199.00	349.00
Version 9 Enhancements	99.00	199.00	Shop Floor Control	199.00	349.00
'Canned' Reports & Inquiries	99.00	199.00	Router Training	149.00	299.00
Distribution			Inventory		
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Customer Order Processing	199.00	349.00	Cycle Count & Phys. Inv.	99.00	199.00
Order Entry Training	149.00	299.00	Lot Control	99.00	199.00
RGA's & C/D Memos	149.00	299.00	Financial		
Replenishment Orders	99.00	199.00	Standard Costing	149.00	299.00
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