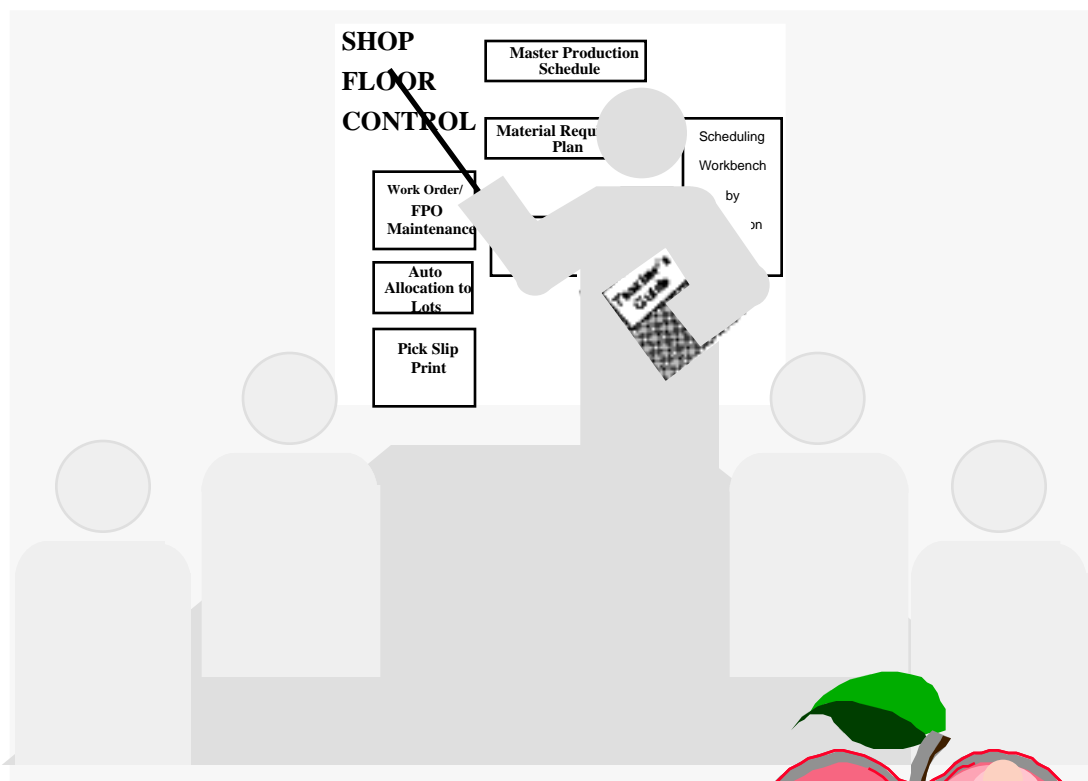


Inventory Control in PRMS



RMS/Present



Version 2.3

A Product of

MXB - Managing the Business

100 N. Freeman Road

Tucson, AZ 85748

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Sample Agenda	i
Attendance Sheet	ii
Inventory Control	1
Inventory Structure	2
Major Features	4
Master File Maintenance	9
System Control	14
<i>Multi-Plant</i>	17
Transaction Master	28
Warehouse Master Maintenance	34
Warehouse Inventory Maintenance	38
Lot Master Maintenance	52
Bin Master Maintenance	56
Code ID Maintenance <i>8.3</i>	58
Quantity Rounding Table Maintenance	60
Unit of Measure Table Maintenance	62
<i>Types of Units of Measure</i>	64
Product Master Maintenance	66
Product Structure Maintenance	72
Transaction Programs	75
Inventory Transactions	78
Potency Update	81
Warehouse Transfers	82
Auto Warehouse Transfers	84
Transaction Interface Programs	86
Reports & Inquiries	89
Product Inquiry (IN0008)	90
VMI/Consignment Product Inquiry (IN0010) <i>9.0</i>	90
Lot Inquiry (IN0006)	90
Transaction Inquiry (IN0072) <i>8.3</i>	92
Item Requirements Inquiry (IN0205)	92
Lower Level Material Availability (IN0210)	94
Stock Status Report (IN0080)	94
Transaction Register (IN0070)	95
Inventory Valuation (IN0120)	95
Sales Management Report (IN0170)	96
ABC Analysis Report (IN0605)	96
Inventoried Models List (IN0085)	97



PRMS Inventory Control

Table of Contents

Skid Ticket Print (IN0130)	97
Lot Tracking Report (IN0190)	98
Lots Scheduled for Testing (IN0044, IN0046)	99
Lot Potency Report (IN0042)	99
Inventory Transaction List Report (IN0090) ^{8.3}	99
Lot/Bin Allocation Inquiry (SF0266) ^{8.3}	99
Utilities	101
Balancing and Validation Programs	102
Hands On Workshop	105
Appendix	111
Consignment Inventory ^{9.0}	112
<i>Customer Product Maintenance (OB0817)</i>	114
Vendor Managed Inventory ^{9.0}	116
<i>Inventory Processing Tools</i>	118
<i>Inventory Adjustment Processing</i>	119
<i>VMI Forecast Generation (VM0010)</i>	121
<i>VMI Forecast Maintenance (VM0100)</i>	121
<i>VMI Forecast Inquiry (VM0110)</i>	121
<i>VMI Forecast Report (VM0120)</i>	121
<i>VMI Forecast Purge (VM0140)</i>	122
<i>VMI Generation (VM0060)</i>	122
<i>VMI Inquiry/Pegging (VM0088)</i>	123
<i>VMI Generation Report (VM0080)</i>	123
<i>VMI Planned Order Review (VM0210)</i>	123
<i>Suggested Order Replenish (VM0090)</i>	124



Sample Agenda

Day 1

Morning

Inventory Control Structure

Major Features

Master File Maintenance

Afternoon

Workshop - Defining the Master Files

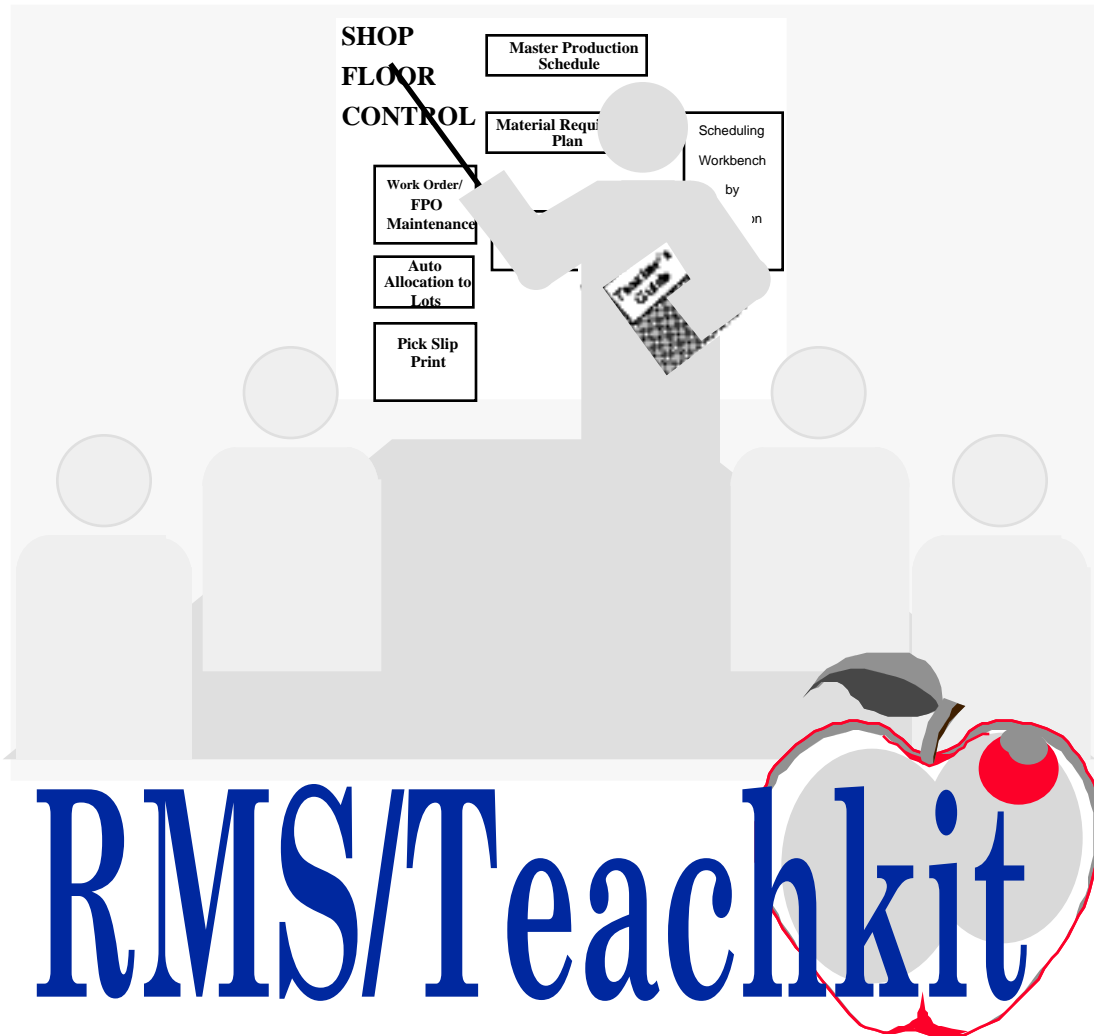
Functional Programs

Reports and Inquiries

Workshop - Performing Transactions

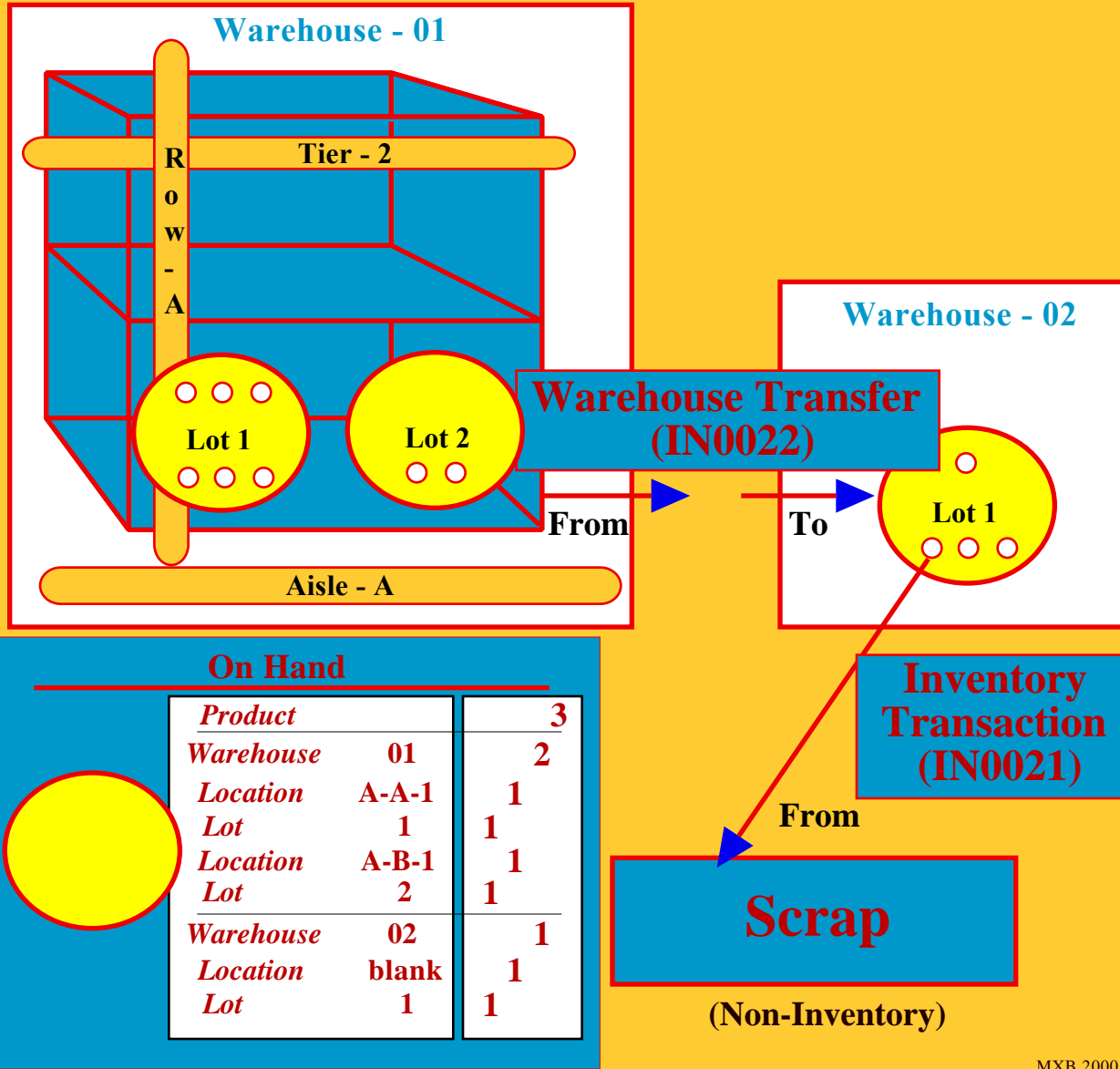
Utilities

Inventory Control



PRMS™ INVENTORY STRUCTURE

BEGINNING BALANCE - ISSUES + ADJUSTMENTS + RECEIPTS



MXB,2000

Major Features

USER DEFINED LOGICAL WAREHOUSES

USER DEFINED TRANSACTION CODES

FOUR LEVELS OF INVENTORY TRACKING

Product (MSPMP100)

Warehouse (INWIP100)

Lot/Location (MFLBP100)

Potency (MFLTP100)

LOT TRACKING

Multiple Products Per Lot

SKID TICKET PROCESSING

PHYSICAL INVENTORY AND CYCLE COUNT MODULE

DECIMALIZATION OF INVENTORIES

**LOTS AND/OR LOCATIONS REQUIRED BY
PRODUCT/SYSTEM CONTROL**

UNIT OF MEASURE CONVERSIONS

Major Features

POTENCY SUPPORT

Active/Physical Stocking Designation

QUANTITY ROUNDING CONTROL

CYCLE TEST DATES

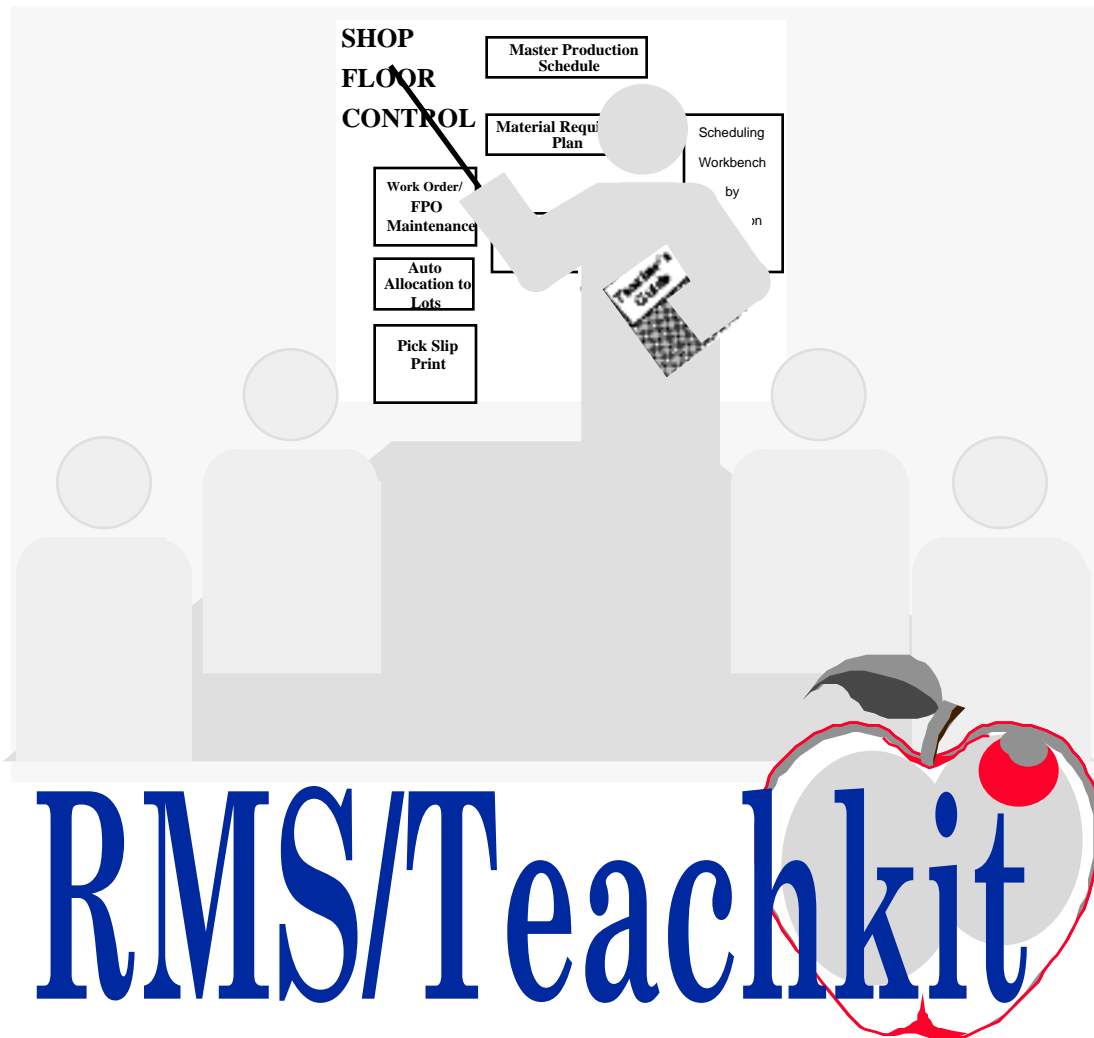
INVENTORY BALANCING UTILITIES

CONSIGNMENT INVENTORY DESIGNATION AND EXECUTION^{9.0}

VENDOR MANAGED INVENTORY DESIGNATION, PLANNING AND EXECUTION^{9.0}

BATCH INTERFACE EDIT/UPDATE TO PRMS INVENTORY FILES

Master File Maintenance



Master File Maintenance Programs

SYSTEM CONTROL (WCMANT)

TRANSACTION MASTER (IN0800)

Defines the transaction code, how that code can be used, and what impacts it has.

WAREHOUSE MASTER (MS0803)

Defines the logical warehouse and if it is hidden from MRP and/or MPS

WAREHOUSE INVENTORY (IN0801)

Can define material planning and costing parameters unique to a product/warehouse combination.

LOT MASTER (MS0809)

Can define a lot ID, its allowable product number, and general info such as shelf life and expiration date, potency, and ability to allocate to customer order or work order

BIN MASTER (MS0810)

Defines valid bin locations within a warehouse

CODE ID MAINTENANCE (MS0840) 8.3

Where unit of measure codes are created and maintained

Master File Maintenance Programs

QUANTITY ROUNDING TABLE MAINTENANCE (MS0828)

Establishes rounding parameters by unit of measure and optionally product

UNIT OF MEASURE TABLE MAINTENANCE (MS0827)

Establishes alternate units of measure for the inventory system and the conversion properties by unit of measure and optionally product

PRODUCT MASTER MAINTENANCE (MS0825)

Identifies if the product requires lot number assignment on transactions and if the item is processed as an active ingredient

PRODUCT STRUCTURE MAINTENANCE (PS0021)

Identifies if the item is an active ingredient or filler item and its allowable potency limits for that assembly

System Control

(WCINQ)

Functions Installed

INVENTORY TRANSACTION REGISTER - Y,N

Report will print whenever transaction is accepted

G/L INTERFACE INSTALLED

Write records to GLIFP100 file when transaction accepted

POTENCY SUPPORTED

Turn on fields and functions for processing

WARN FOR NEGATIVE ON HAND TRANSACTIONS^{9.0}

Issue online or printed warning of product, warehouse or lot/bin balance transacting to a negative balance

WARN FOR NEGATIVE AVAILABLE TRANSACTIONS^{9.0}

Issue online or printed warning of product, warehouse or lot/bin available quantity (on hand - allocated) transacting to a negative balance

System Control

(WCINQ)

Lot Control

LOT INVENTORY INSTALLED

MULTIPLE PRODUCTS PER LOT

Location Control

BIN INVENTORY INSTALLED

ALLOW BLANK INVENTORY LOCATIONS

May be overridden at Product Master

Multi-Plant

MULTI-PLANT INSTALLED

EDIT FOR DUPLICATE LOT NUMBERS

Between corporate and plant files

PRMS™ Multiplant

Corporate

Forecasting Workbench

Distribution Requirements Planning

Dist Whse

Dist Whse

Corporate Distribution System

Dist Whse

Dist Whse

Replenishment Orders

Rough Cut Capacity

Order Entry and Billing

Accounts Receivable

General Ledger

Corporate Warehouse

Accounts Payable

IN0030

Plants

Post Whse

MPS

Rough Cut

MRP

Shop Floor

Product Master

Shop Data

Purchasing Receiving

Interplant Planning

Replenishment Orders

Post Whse

MPS

Rough Cut

MRP

Shop Floor

Product Master

Shop Data

Purchasing Receiving

Interplant Planning

Replenishment Orders

Post Whse

MPS

Rough Cut

MRP

Shop Floor

Product Master

Shop Data

Purchasing Receiving

MXB, 2000

System Control (cont.)

(WCINQ)

Skid Tickets

USE SKID TICKETS

PRINT SKID TICKETS IMMEDIATELY

Upon acceptance of transaction

GENERATE SKID TICKETS ON LINE

Print ticket immediately as transaction is processed

LAST SKID TICKET NUMBER USED

Product Demand Source

ISSUES OR SALES

Determines if Demand History in Warehouse Inventory file is updated by MTD Sales or Issues as determined by 'Affect' flag in Transaction Master (IN0800)

Consignment Stockholding Affect Demand^{9.0}

CONSUMPTION (1) OR CONSIGNMENT (2)

Whether demand in Warehouse Inventory file is updated based on 'sold' or 'shipped'

System Control (cont.)

(WCINQ)

Accounting Rules

STANDARD OR ACTUAL COSTING

Actual costing performs Weighted Average Actual costing at Receipt and Production recording

COST BY WAREHOUSE OR PRODUCT

Cost of transaction may be obtained from Warehouse Inventory or Product Master file

COST USED BY VMI PROCESSING^{9.0}

Cost of transaction may be obtained from Warehouse Inventory, Product Master, or zero cost

ACCOUNT RETRIEVAL HIERARCHY

- a) WIP, Material Variance, Purchase Variance
- b) Cost of Goods Sold
 - 1) Whse Inv/Product/Sys Control
 - 2) Product Master/System Control
 - 3) System Control

System Control (cont.)

(WCINQ)

Consignment Consumption Rules

LOT AUTO CONSUMPTION - CUSTOMER ORDERS

Expiration Date, Lot ID, Least Quantity Remaining

Allocation Rules

LOT OPTIONS

Method of Auto Allocation from Lots

Customer/Replenishment Order

Production Orders Staged/Non-Staged 8.3

Expiration, Lot Number, Qty Remaining in Lot

LOCATION METHODS FOR ORDER ENTRY

Primary Location or Receipt Date

PRIMARY ALLOCATION SORT (OE)

Lot or Location

PRIMARY ALLOCATION SORT (CONS. PICK) 8.3

Lot or Location

MANUAL PRODUCTION ORDER ALLOCATION 8.3

Allow allocation of expired lot (Y,N)

System Control (cont.)

(WCINQ)

Physical Inventory Control

A PRODUCTS CUTOFF PERCENTAGES

The percentage of total sales or issues in a warehouse or product master that a part is greater than to be assigned an "A" classification

B PRODUCTS CUTOFF PERCENTAGES

The percentage of total sales or issues in a warehouse or product master that a part is greater than to be assigned an "B" classification

This percentage will be smaller than the percentage for "A" parts

Count Generation Setup

The number of times per year a classified part will be scheduled for count either at the warehouse or product master level

A PRODUCTS

B PRODUCTS

C PRODUCTS

Basis for Count Schedule

ISSUES OR SALES

System Control (cont.)

(WCINQ)

Physical Inventory Control (cont.)

QUANTITY VARIANCES REPORTED COUNT EDITS

Whether an allowable count variance is allowed and the quantity for A, B, and C items that is allowed. The Item Count Variance Report (IN0656) will optionally only report "significant" variances.

EXTENDED COST VARIANCE REPORTED COUNT EDITS

Whether an allowable extended cost variance (count quantity variance times base standard cost) is allowed and the percentage for A, B, and C items that is allowed. The Item Count Variance Report (IN0656) will optionally only report "significant" variances.

System Control (cont.)

(WCINQ)

Inventory Transaction Codes

WAREHOUSE TRANSFER "FROM"

1/2 of Warehouse Transfer (IN0022)

WAREHOUSE TRANSFER "TO"

Other half of Warehouse Transfer (IN0022)

POTENCY ADJUSTMENT CODE

Used by IN0048

MONTH-END BEGINNING BALANCE

Month end programs create a beginning of the month inventory balance transaction using this code

AP AND PO COST ADJUSTMENT

Invoice Matching (AP0013)

System Control (cont.)

(WCINQ)

Inventory Default Accounts

INVENTORY ASSET

VMI INVENTORY ASSET^{9.0}

VMI CONTRA^{9.0}

CONSIGNMENT INVENTORY ASSET^{9.0}

WORK IN PROCESS

If shop floor is turned off, Multi-issue transactions can be used to perform simple, single level backflush. This is the WIP account used in that environment.

SHOP FLOOR MATERIAL USAGE VARIANCE

AP & PO PURCHASE PRICE VARIANCE

Order Processing

SHIPMENTS IN PROGRESS^{9.0}

COST OF GOODS SOLD

NON STANDARD PRODUCTS INVENTORY

NON STANDARD PRODUCTS COST OF GOODS SOLD

System Control (cont.)

(WCINQ)

Period End Control

MONTH END OPTIONS

Last Period End Close Date

Month End In Process

RETENTION DAYS

Transactions

Delete from INITP100

Lot and Lot/Location Records

PERIOD CONTROL

Open Period

Periods in Year

Transaction Master

(IN0800, INTMP100)

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.

RETURNED GOODS TRANSACTION^{9.0}

Determines if transaction can be used by RGA Receipts (PO0410/OB0410)

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)

Transaction Master (cont.)

(IN0800)

Input Fields

OLD LOT/NEW LOT/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

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

Warehouse Master Maintenance

(MS0803, MSWCP100)

Input Fields

WAREHOUSE - FOUR CHARACTERS ^{9.0}

Two Characters in prior versions

NAME, ADDRESS, STATE, ZIP, PHONE

Line four is used for City

HIDE INVENTORY FOR MPS AND/OR MRP

When either MPS or MRP is run and on hand inventory is being used, On Hand = Product Master On Hand minus quantities of inventory in Hidden Warehouses

MANUFACTURING PLANT NUMBER

If multi-plant is turned on, this is the plant that "owns" the inventory in this warehouse. If this is also a Corporate Warehouse, then the demand from Customer Orders against this warehouse will be passed to this plants' MPS unless overridden in Warehouse Inventory Maintenance (IN0801).

WIP WAREHOUSE

Indicator in Product Inquiry (IN0008)

CORPORATE WAREHOUSE FLAG

If multi-plant is turned on, a "Y" indicates that this is a distribution warehouse (corporate), not a plant warehouse

WAREHOUSE BOSS CONTROLLED FLAG

CONSIGNMENT WAREHOUSE (Y,N) ^{9.0}

VMI WAREHOUSE (Y,N) ^{9.0}

Warehouse Master Maintenance (cont.)

(MS0803)

DEFAULT OUTPUT QUEUE FOR PICK SLIPS

The output queue that pick slips for Customer Orders will be printed to

PRINT FRACTIONAL QUANTITIES ON PICK SLIP/PACKING LIST

FILL RATE % FOR PICK SLIP RELEASE (OE)

Used by Auto Pick Slip Release (OB0685), only customer orders that have X% of the total order quantity open balance with available inventory will be released

NUMBER OF DAYS BEFORE SCHEDULED DATE FOR RELEASE

The standard number of days ahead of the Scheduled Ship Date that customer orders will be released by Auto Pick Slip Release. Can be overridden at release time.

CYCLE COUNT METHOD (M,L)

Master Count Schedule (ABC's) or Location

BYPASS COUNT ADJUSTMENTS

Allows this step in the Cycle Count process to be bypassed

REGION CODE

Becomes part of the VAT Analysis record

WAREHOUSE LANGUAGE CODE^{8.49707}

NEXT CO PICK SLIP #, BATCH PULLING

NEXT RO PICK SLIP #, BATCH PULLING

Warehouse Master Maintenance (cont.)

(MS0803)

User Defined Fields^{9.0}

FIELDS 1, 2	7,2
3, 4	15, A
5, 6	30, A
7, 8	15, 0
9, 10	21, 9
11, 12	DATE

User Defined Text^{9.0}

TEXT TYPE - UW

TEXT CODE - WAREHOUSE ID

SHORT DESCRIPTION

TEXT LINES

Warehouse Inventory Maintenance

(IN0801, INWIP100)

VENDOR NUMBER AND ALTERNATE

BUYER ID

MINIMUM AND MAXIMUM BALANCE

ORDER POINT

Used by Requisition Entry (PO0010) to trigger a Requisition Line for the order quantity if the product master identifies the item as an Order Point item

ECONOMIC ORDER QUANTITY

ORDER QUANTITY

If the Requisition is using the Warehouse Inventory for Order Point and Order Quantity, this is the quantity that will be used by the PO Lot Sizing rule to determine Quantity to Order

LOTS REQUIRED FOR CONSOLIDATED PICK

P.O. LOT SIZING RULE

- 1 - Discrete Lot
- 2 - Fixed Lot with Discrete Qty
- 3 - Fixed Lot Multiples

ALLOCATION TYPE

For Order Entry allocations, Run Down (1) or Fair Share (2)

PRIMARY LOCATION

Used by Shop Floor Pick Slips (SF0110) to print a default location on the pick

RMS/Present

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	Present	+ Print		Present	+ Print
Education & Reference					
General			Manufacturing		
Welcome to PRMS	99.00	199.00	Product Definition	199.00	349.00
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
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