Inventory Control

Guide to Setup and Processing Volume 2

INFINIUM SOFTWARE

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Publication Information

Release: Infinium IC Release 12.3

Publication Date: June 2008

Document Number: 20080421120933 Vol 2

Table of Contents

Volume 1

Volume 2

Appendix A Infinium IC Reports

A

The chapter consists of sample Infinium IC reports.

Overview of Infinium IC Reports

The Infinium IC reports present summary and detailed information about available and projected inventory, transaction history (including costed usage, production, receipts, and adjustments), and inventory value. Only items that have an inventory record print on Infinium IC reports.

Each Infinium IC report option has a selection screen. You can leave any field on the selection screen (except a required field) blank to indicate all. After you make your entries, press F8 to print the report. For some report options, you can type selections for a second report or press F3 to return to the menu.

On most selection screens, you can choose to submit the report to a batch job queue, thus freeing you to continue with other tasks on your terminal, or you can run the report interactively.

On some selection screens, you can select multiple warehouses. If you do so, each warehouse prints on a separate page of the report or as a separate block of information.

Each Infinium IC report has a cover page that lists your entries from the report selection screen.

If you do not enter the Size file, Product file, or Raw Material file information the system uses to convert an item’s unit of measure to the report totals unit of measure, the report totals do not include the item.

Printing the Available Inventory by Type Report

The Available Inventory by Type report lists available inventory for each item. The report also lists the balances for the inventory types you selected through the *Work with Inventory Types* option in Infinium IC that the system uses to calculate available inventory. You can limit the selection by company, warehouse, product or raw material/resource range, and/or Report Type code.

You define valid Report Type codes using the *Work with Code Values* option in Infinium CA. Assign Report Type codes to raw materials/ resources and products in the Raw Material/Resource and Product files.

This report includes the following information:

- Company and warehouse
- Product or raw material/resource identifier and description
- On hand inventory balance
- Work in process usage inventory balance
- Customer order quantity
- Available inventory

Use the menu path below.

- *Inventory Control Reports*
  - *Print Available Inv. by Type* [PAIBT]

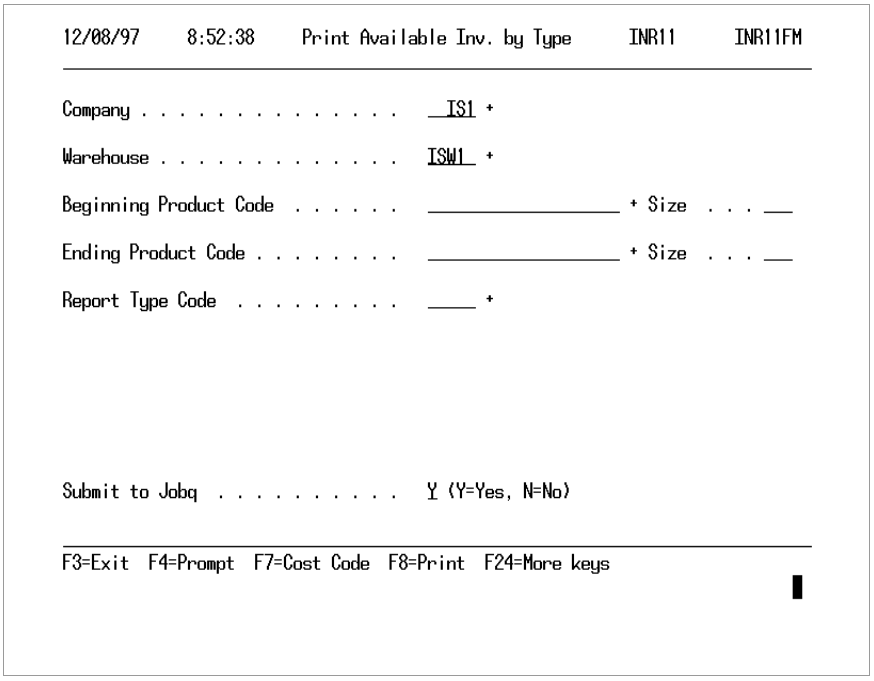


Figure A-1: Print Available Inv. by Type prompt screen

The system requires an entry in the *Submit to Jobq* field.

If you press F4 in the *Warehouse* field, you can select multiple warehouses in the prompt window.

F7 is not a valid function key.

A sample report is on the next page.

```
INR221     INT221                A V A I L A B L E   I N V E N T O R Y   B Y   P R O D U C T                          PAGE    1
10/17/00   14:09:28                                                                                                      RLL
-------------------------------------------------------------------------------------------------------------------------------
  Company          S2K     Warehouse     S2KW1     Name           WAREHOUSE "1" (INSTRUCTORS)
 PRODUCT#            SIZE DESCRIPTION                ON HAND  UM    OTHER ON HAND          SUPPLY          DEMAND       AVAILABLE
 RAW11                    PROCESS RAW MATERIAL        5.0000  GL                                                          5.0000
 RAW12                    PROCESS RAW MATERIAL        5.0000  LB                                                          5.0000
 RAW13                    PROCESS RAW MATERIAL        5.0000  GL                                                          5.0000
 RAW2                     RAW MATERIAL #2             5.0000  EACH                                                        5.0000
 RAW7                     HAZARDOUS RAW MATERI        5.0000  GL                                                          5.0000
 RAW8                     HAZARDOUS RAW MATERI        5.0000  LB                                                          5.0000
 S2KFORM1              GL  S2K's Formula One        7337.5000  GL                                                       7337.5000
 S2KITEM1                 ITEM#1                     10.0000  EACH                                                       10.0000
 S2KITEM2                 ITEM#2                     10.0000  EACH                                                       10.0000
 S2KITEM3                 ITEM#3                     10.0000  EACH                                                       10.0000
 S2KITEM4                 ITEM#4                      5.0000  EACH                                                        5.0000
 S2KITEM6                 ITEM#6                      5.0000  EACH                                                        5.0000
                                                 ********** END OF REPORT **********
```

Printing the Product Inventory Value by Company Warehouse Report

The Product Inventory Value by Company Warehouse report lists the unit cost, on hand balance, and extended cost for each item for a specific inventory type. Specify which cost type (for example, current) and Cost codes (for example, raw material, labor and burden) the system uses to calculate the unit and extended costs. You can also limit the selection by company, warehouse, product or raw material/resource range, and/or Report Type code.

This report includes the following information:

- Company and warehouse
- Cost type
- Inventory type
- Product and raw material/resource identifier and description
- On hand balance
- Unit and extended costs
- Total extended cost at the warehouse, company and report levels

Items that do not have an inventory balance for the specified inventory type do not print on the report.

Use the menu path below.

- *Inventory Control Reports*
  - *Print Inventory Value* [PIV]

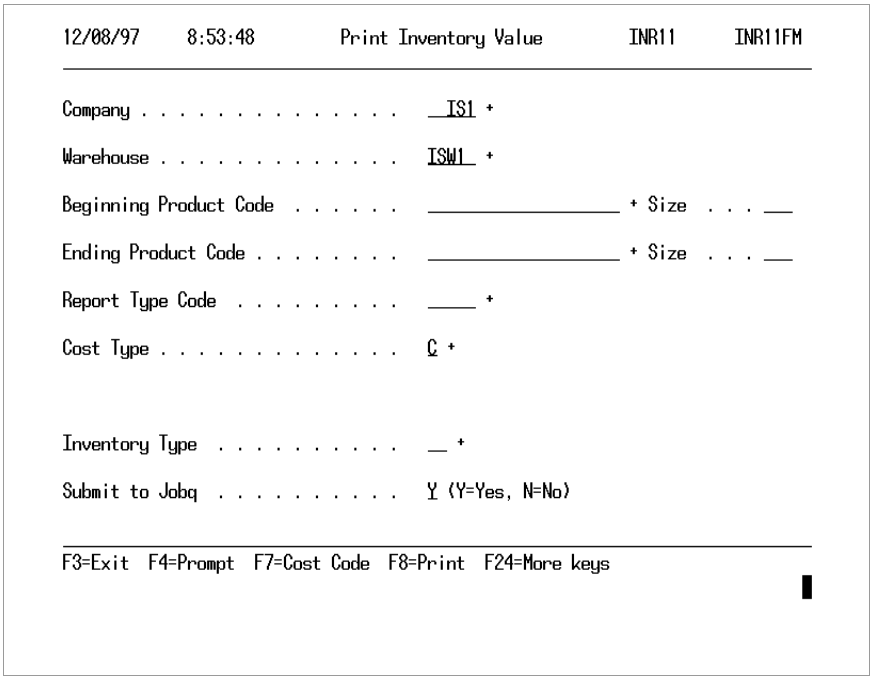


Figure A-2: Print Inventory Value prompt screen

The system requires entries in the *Inventory Type* and *Submit to Jobq* fields. If you press F4 in the *Warehouse* field, you can select multiple warehouses in the prompt window.

Press F7 to access the Cost Code selection screen, where you can select cost codes to include. The default is to include all Cost codes in the cost.

Remember that you define Cost codes using the *Work with Cost Code* option in Infinium CA. Examples of Cost codes that you can define include **R** for raw material cost and **L** for labor.

A sample report is on the next page.

INR220 INT220 P R O D U C T I N V E N T O R Y V A L U E B Y C O M P A N Y W A R E H O U S E PAGE 1
10/17/00 14:09:53 RLL

Company Cost	S2K Current Cost	Warehouse	S2KW1	Name Inv Type	WAREHOUSE "1" (INSTRUCTORS) ON HAND INVENTORY				
PRODUCT	SIZE	DESCRIPTION			QUANTITY	UM	COST	UM	EXTENDED AMOUNT
RAW11		PROCESS RAW MATERIAL-water			5.0000	GL		GL	
RAW12		PROCESS RAW MATERIAL			5.0000	LB		LB	
RAW13		PROCESS RAW MATERIAL-alcohol			5.0000	GL		GL	
RAW2		RAW MATERIAL #2			5.0000	EACH		EACH	
RAW7		HAZARDOUS RAW MATERIAL #1			5.0000	GL		GL	
RAW8		HAZARDOUS RAW MATERIAL #2			5.0000	LB		LB	
S2KFORM1	GL	S2K's Formula One			7337.5000	GL		GL	
S2KITEM1		ITEM#1			10.0000	EACH	6.000000	EACH	60.000000
S2KITEM2		ITEM#2			10.0000	EACH	8.850000	EACH	88.500000
S2KITEM3		ITEM#3			10.0000	EACH	8.900000	EACH	89.000000
S2KITEM4		ITEM#4			5.0000	EACH	6.000000	EACH	30.000000
S2KITEM6		ITEM#6			5.0000	EACH	6.000000	EACH	30.000000
			S2K	S2KW1	** WAREHOUSE TOTAL **				297.500000
				S2K	*** COMPANY TOTAL ***				297.500000
					**** GRAND TOTAL ****				297.500000

********** END OF REPORT **********

Printing the Inventory Status/Exception Report

You can print either a Status or an Exception report. The Exception report lists items for which available inventory plus on order inventory is less than the minimum quantity you specified in the Item Warehouse file. The Status report lists information for all items. You can limit the selection for both the status and exception reports by company, warehouse, product or raw material/resource range, and/or report type code.

The Inventory Status/Exception report includes the following information:

- Company and warehouse
- Product or raw material/resource identifier and description
- Available inventory (A)
- Minimum quantity (B)

An item prints on the exception report if A is less than B. If you have not entered a minimum quantity for an item, the item does not print on the exception report.

Remember that the system calculates available inventory based on the inventory types you select through the *Work with Inventory Types* option in Infinium IC.

Use the menu path below.

- *Inventory Control Reports*
  - *Print Status/Exception Report* [PSER]

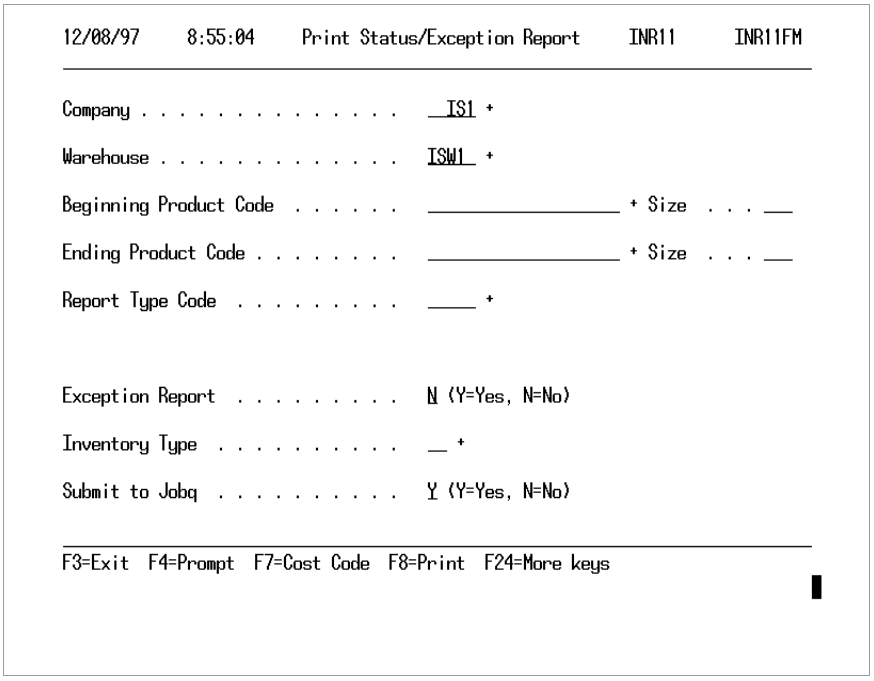


Figure A-3: Print Status/Exception Report prompt screen

The system requires entries in the *Exception Report*, *Inventory Type*, and *Submit to Jobq* fields. However, your entry in the *Inventory Type* field does not affect the report. Type **Y** in the *Exception Report* field to generate an exception report. Type **N** to generate a status report.

Warehouse

If you press F4 in the *Warehouse* field, you can select multiple warehouses in the prompt window.

F7 is not a valid function key.

A sample status/exception report is on the next page.

INR226 INT226 I N V E N T O R Y S T A T U S / E X C E P T I O N R E P O R T PAGE 1
10/17/00 14:10:05 RLL

Company / PRODUCT	S2K / SIZE	Warehouse / DESCRIPTION	S2KW1 / Name	WAREHOUSE "1" (INSTRUCTORS) ON HAND(A)	UM	OTH ONHAND(B)	SUPPLY(C)	DEMAND(D)	*** Status *** MINIMUM(E)
RAW1		RAW MATERIAL #1		7337.5000	GL				
RAW11		PROCESS RAW MATERIAL-water		5.0000	GL				500.0000
RAW12		PROCESS RAW MATERIAL		5.0000	LB				3000.0000
RAW13		PROCESS RAW MATERIAL-alcohol		5.0000	GL				50.0000
RAW14		RAW MATERIAL - CAN			EA				500.0000
RAW15		RAW MATERIAL - LID			EA				500.0000
RAW16		RAW MATERIAL - LABEL			EA				500.0000
RAW2		RAW MATERIAL #2		5.0000	EACH				100000.0000
RAW5		RAW MATERIAL #5		7337.5000	GL				
RAW7		HAZARDOUS RAW MATERIAL #1		5.0000	GL				25.0000
RAW8		HAZARDOUS RAW MATERIAL #2		5.0000	LB				50.0000
S2KFORM1	GL	S2K's Formula One		7337.5000	GL				
S2KITEM1		ITEM#1		10.0000	EACH				500.0000
S2KITEM2		ITEM#2		10.0000	EACH				800.0000
S2KITEM3		ITEM#3		10.0000	EACH				10000.0000
S2KITEM4		ITEM#4		5.0000	EACH				
S2KITEM6		ITEM#6		5.0000	EACH				
S2KMFGP1	GL	MFG PRODUCT #1			GL				200.0000
S2KMFGP2	LB	MFG PRODUCT #2			LB				400.0000
S2KMFGP3	DR	MFG PRODUCT #3			GL				550.0000

********** END OF REPORT **********

Printing the Minimum/Maximum Exception Report

You can print either a status or an exception report. The exception report lists items for which available inventory plus on order inventory from vendors plus scheduled production is either less than the minimum or greater than the maximum quantity you specified in the Item Warehouse file. The status report lists information for all items. You can limit the selection by company, warehouse, product or raw material/ resource range, and/or Report Type code.

The Minimum/Maximum Exception report includes the following information:

- Company and warehouse
- Product or raw material/resource identifier and description
- On hand (A)
- Other on hand (B)
- Supply (C)
- Demand (D)
- Minimum (E)
- Maximum (F)

An item prints on the exception report if available inventory plus Other on hand (B) plus Supply (C) is either less than Demand (D) or greater than Minimum (E). If you have not entered a minimum or maximum quantity for an item, the item does not print on the exception report.

Use the menu path below.

- *Inventory Control Reports*
  - *Print Minimum/Maximum Exception* [PMME]

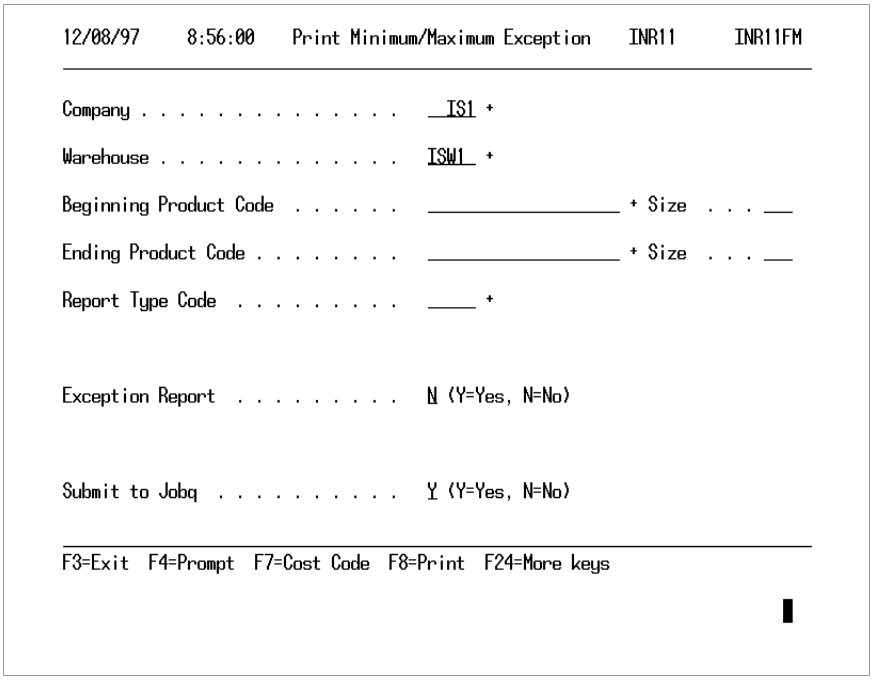


Figure A-4: Print Minimum/Maximum Exception prompt screen

The system requires entries in the *Exception Report* and *Submit to Jobq* fields. Type **Y** in the *Exception Report* field to generate an exception report. Type **N** to generate a status report. You can select multiple warehouses in the prompt window.

F7 is not a valid function key.

A sample exception report is on the next page.

INR227 INT227 M I N I M U M / M A X I M U M E X C E P T I O N R E P O R T

PAGE 1
10/17/00 14:10:23
RLL

Company PRODUCT#	S2K SIZE	Warehouse DESCRIPTION	S2KW1	Name	WAREHOUSE "1" (INSTRUCTORS) ON HAND(A)	UM	OTH ONHAND(B)	SUPPLY(C)	*** Status *** DEMAND(D)	AVAILABLE(E)	MINIMUM(F)	MAXIMUM(G)
RAW11		PROCESS RAW MATERIAL-water			5.0000	GL				5.0000	500.0000	5000.0000
RAW12		PROCESS RAW MATERIAL			5.0000	LB				5.0000	3000.0000	10000.0000
RAW13		PROCESS RAW MATERIAL-alcohol			5.0000	GL				5.0000	50.0000	2000.0000
RAW2		RAW MATERIAL #2			5.0000	EACH				5.0000		
RAW7		HAZARDOUS RAW MATERIAL #1			5.0000	GL				5.0000	25.0000	400.0000
RAW8		HAZARDOUS RAW MATERIAL #2			5.0000	LB				5.0000	50.0000	500.0000
S2KFORM1	GL	S2K's Formula One			7337.5000	GL				7337.5000		
S2KITEM1		ITEM#1			10.0000	EACH				10.0000	500.0000	1000.0000
S2KITEM2		ITEM#2			10.0000	EACH				10.0000	800.0000	1500.0000
S2KITEM3		ITEM#3			10.0000	EACH				10.0000	10000.0000	200000.0000
S2KITEM4		ITEM#4			5.0000	EACH				5.0000		
S2KITEM6		ITEM#6			5.0000	EACH				5.0000		

********** END OF REPORT **********

Printing the Product Transaction Journal Report

The Product Transaction Journal report is a printed version of the Display Product Transaction Jrnl screen. This report is useful for investigating errors in inventory balances, for audit purposes, and for gaining an understanding of inventory control transactions. This report lists details of each inventory transaction performed for each item. You can limit the selection by company, warehouse, product or raw material/resource range, transaction date range, and/or transaction type.

When you purge records from the Product Transaction Journal file, they no longer print on this report or on other historical Infinium IC reports.

This report includes the following information:

- Company and warehouse
- Product or raw material/resource identifier and description
- Date and time of transaction
- Transaction type
- Transaction quantity
- Total quantity for the affected inventory type and storage index
- Vendor, batch, customer or order number
- Storage index
- User and program that initiated the transaction

Use the menu path below.

- *Inventory Control Reports*
  - *Print Transaction Journal* [PTJ]

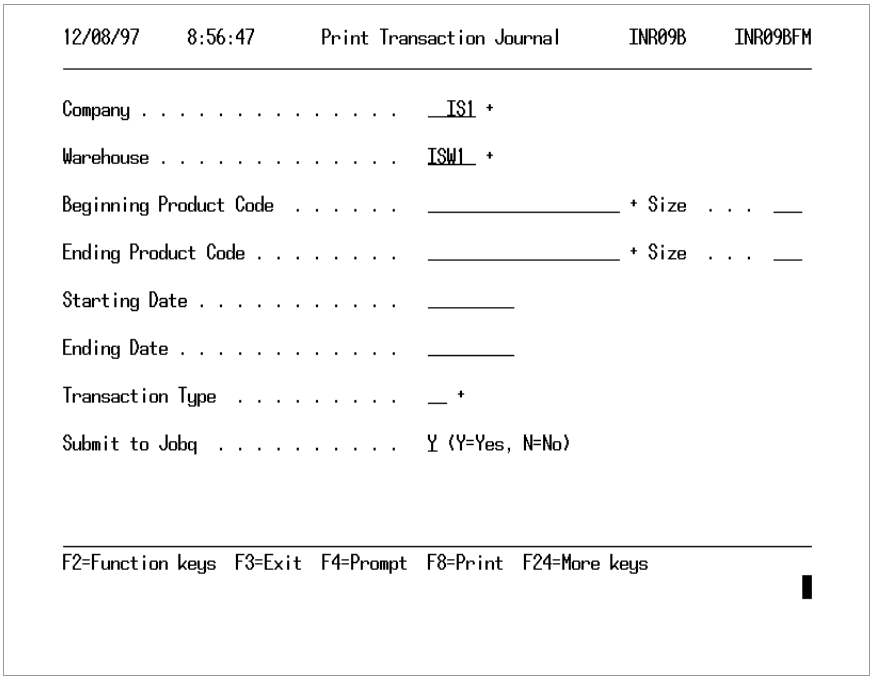


Figure A-5: Print Transaction Journal prompt screen

The system requires an entry in the *Submit to Jobq* field.

A sample report is on the next two pages.

INR222 INT222 P R O D U C T T R A N S A C T I O N J O U R N A L PAGE 1
10/17/00 14:10:49
RLL

Company	S2K	Warehouse	S2KW1	Name	WAREHOUSE "1" (INSTRUCTORS)					
Product	RAW10	Size		Name	LABOR					
DATE	TIME	TRN TYPE	TRN QTY	UM	TOTAL QTY	UM	TRANSACTION	aisle	row	bin
USER	PROGRAM									
10/04/00	12:57:21	FPO Usg +	.9988	HR	.9988	HR	MX1004950002			
RLL	PFGBCA									
10/13/00	14:18:14	FPO Usg +	.9988	HR	1.9976	HR	MX1004950007			
WMM	PFGBCA									
10/13/00	15:15:57	FPO Usg -	.9988	HR	.9988	HR	MX1004950007			
WMM	PFGBCA									
10/13/00	15:15:58	SCH USG +	.9988	HR	.9988	HR	MX1004950007			
WMM	PFGBCA									
10/04/00	9:03:58	FPO Usg +	432.0000	LB	51.8607	GL	MX1004950001			
RLL	PFGBCA									
10/13/00	14:40:45	SCH USG +	1432.0001	LB	171.9088	GL	MX1004950011			
WMM	PFGBCA									
10/13/00	14:52:49	ON HAND +	1500.0000	GL	1500.0000	GL	000000991			
WMM	ICGIAD									
10/13/00	14:55:55	FPO Usg +	432.0000	LB	103.7214	GL	MX1004950015			
WMM	PFGBCA									
10/16/00	7:13:02	FPO Usg -	432.0000	LB	51.8607	GL	MX1004950001			
WMM	PFGBCA									
10/16/00	7:13:04	SCH USG +	432.0000	LB	223.7695	GL	MX1004950001			
WMM	PFGBCA									
10/17/00	8:28:42	ON HAND +	1450.0000-	GL	50.0000	GL				
RLL	ICGPIPM									
10/17/00	8:28:44	UPD FIELDS			50.0000	GL				
RLL	ICGPIPM									
10/17/00	11:27:18	ON HAND +	45.0000-	GL	5.0000	GL				
RLL	ICGPIPM									
10/17/00	11:27:20	UPD FIELDS			5.0000	GL				
RLL	ICGPIPM									
10/16/00	15:00:13	COM IS/T -		LB		LB	RLL453234-01			
AM2000	PMGPLA									
10/17/00	8:28:44	ON HAND +	45.0000	LB	45.0000	LB				
RLL	ICGPIPM									
10/17/00	8:28:45	UPD FIELDS			45.0000	LB				
RLL	ICGPIPM									
10/17/00	11:27:21	ON HAND +	40.0000-	LB	5.0000	LB				
RLL	ICGPIPM									

```
  10/17/00   11:27:21   UPD FIELDS                                  5.0000    LB
RLL          ICGPIPM
  10/04/00   12:57:24   FPO Usg +          99.8812    GL          99.8812    GL     MX1004950002
RLL          PFGBCA
  10/13/00   14:18:16   FPO Usg +          99.8812    GL         199.7624    GL     MX1004950007
WMM          PFGBCA
  10/13/00   15:15:59   FPO Usg -          99.8812    GL          99.8812    GL     MX1004950007
WMM          PFGBCA
  10/13/00   15:15:59   SCH USG +          99.8812    GL          99.8812    GL     MX1004950007
WMM          PFGBCA
  10/17/00    8:28:45   ON HAND +          12.0000    GL          12.0000    GL
RLL          ICGPIPM
  10/17/00    8:28:45   UPD FIELDS                                 12.0000    GL
RLL          ICGPIPM
  10/17/00   11:27:22   ON HAND +           7.0000-   GL           5.0000    GL
RLL          ICGPIPM
  10/17/00   11:27:22   UPD FIELDS                                  5.0000    GL
RLL          ICGPIPM
  10/16/00   15:16:57   ON ORD +            1.0000    EACH         1.0000    EACH   S2K-05005-PO
AM2000       PMGPDS
  10/16/00   15:18:21   ON ORD -            1.0000    EACH                   EACH   S2K-05005-PO
AM2000       PMGPDS
  10/17/00    8:28:45   ON HAND +           1.0000    EACH         1.0000    EACH
RLL          ICGPIPM
  10/17/00    8:28:45   UPD FIELDS                                  1.0000    EACH
RLL          ICGPIPM
  10/17/00   11:27:22   ON HAND +           4.0000    EACH         5.0000    EACH
RLL          ICGPIPM
  10/17/00   11:27:22   UPD FIELDS                                  5.0000    EACH
RLL          ICGPIPM
  10/04/00   12:57:24   FPO Usg +          24.9700    GL          24.9700    GL     MX1004950002
RLL          PFGBCA
  10/13/00   14:18:16   FPO Usg +          24.9700    GL          49.9400    GL     MX1004950007
WMM          PFGBCA
  10/13/00   15:15:59   FPO Usg -          24.9700    GL          24.9700    GL     MX1004950007
WMM          PFGBCA
  10/13/00   15:15:59   SCH USG +          24.9700    GL          24.9700    GL     MX1004950007
WMM          PFGBCA
  10/17/00    8:28:45   ON HAND +          34.0000    GL          34.0000    GL
RLL          ICGPIPM
  10/17/00    8:28:45   UPD FIELDS                                 34.0000    GL
RLL          ICGPIPM
  10/17/00   11:27:22   ON HAND +          29.0000-   GL           5.0000    GL
RLL          ICGPIPM
  10/17/00   11:27:22   UPD FIELDS                                  5.0000    GL
RLL          ICGPIPM
```

```
  10/04/00   12:57:24   FPO Usg +          24.9700    LB           24.9700    LB     MX1004950002
RLL          PFGBCA
  10/13/00   14:18:16   FPO Usg +          24.9700    LB           49.9400    LB     MX1004950007
WMM          PFGBCA
  10/13/00   15:15:59   FPO Usg -          24.9700    LB           24.9700    LB     MX1004950007
WMM          PFGBCA
  10/13/00   15:15:59   SCH USG +          24.9700    LB           24.9700    LB     MX1004950007
WMM          PFGBCA
  10/17/00    8:28:45   ON HAND +          76.0000    LB           76.0000    LB
RLL          ICGPIPM
  10/17/00    8:28:45   UPD FIELDS                                  76.0000    LB
RLL          ICGPIPM
  10/17/00   11:27:23   ON HAND +          71.0000-   LB            5.0000    LB
RLL          ICGPIPM
  10/17/00   11:27:23   UPD FIELDS                                   5.0000    LB
RLL          ICGPIPM
  10/04/00   12:57:24   FPO Usg +            .4994    HR             .4994    HR     MX1004950002
RLL          PFGBCA
  10/13/00   14:18:16   FPO Usg +            .4994    HR             .9988    HR     MX1004950007
WMM          PFGBCA
  10/13/00   15:15:58   FPO Usg -            .4994    HR             .4994    HR     MX1004950007
WMM          PFGBCA
  10/13/00   15:15:58   SCH USG +            .4994    HR             .4994    HR     MX1004950007
WMM          PFGBCA
  10/13/00   14:24:39   ON HAND +         4300.0000   EACH        4300.0000    GL     000000989
AM2000       ICGIAD
  10/13/00   14:24:41   ON HAND +         3214.0000   GL          7514.0000    GL     000000989
AM2000       ICGIAD
  10/13/00   14:26:05   CMT IS/T +         150.0000   EACH         150.0000    GL     000000153-00
AM2000       ICGWTO
  10/13/00   14:26:09   CMT IS/T +          12.0000   GL           162.0000    GL     000000153-00
AM2000       ICGWTO
  10/13/00   15:07:19   COM IS/T -         150.0000   EACH          12.0000    GL     000000153-00
AM2000       ICGSTO
  10/13/00   15:07:19   ON HAND -          150.0000   EACH        7364.0000    GL     000000153-00
AM2000       ICGSTO
  10/13/00   15:07:21   COM IS/T -          12.0000   GL                       GL     000000153-00
AM2000       ICGSTO
  10/13/00   15:07:21   ON HAND -           12.0000   GL          7352.0000    GL     000000153-00
AM2000       ICGSTO
```

```
INR222     INT222                                P R O D U C T   T R A N S A C T I O N   J O U R N A L
PAGE    2
10/17/00   14:10:49
RLL
-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------
------------------------------
  Company          S2K                Warehouse      S2KW1   Name           WAREHOUSE "1" (INSTRUCTORS)
  Product        RAW9                 Size                   Name           BURDEN
  DATE       TIME       TRN TYPE          TRN QTY     UM          TOTAL QTY    UM     TRANSACTION            aisle          row            bin
USER         PROGRAM
  10/16/00   14:55:56   ON ORD +            1.0000    EACH           1.0000    GL     S2K-05004-PO
AM2000       PMGPDS
  10/16/00   14:56:26   ON ORD -            1.0000    EACH                     GL     S2K-05004-PO
AM2000       PMGPDS
  10/16/00   14:56:27   ON ORD +            1.0000    EACH           1.0000    GL     S2K-05004-PO
AM2000       PMGPDS
  10/16/00   15:16:54   ON ORD +           10.0000    GL            11.0000    GL     S2K-05005-PO
AM2000       PMGPDS
  10/16/00   15:18:20   ON ORD -           10.0000    GL             1.0000    GL     S2K-05005-PO
AM2000       PMGPDS
  10/16/00   15:24:20   CMT IS/T +         13.0000    GL            13.0000    GL     SAD-04547-S2K-R
AM2000       PMGPLA
  10/16/00   15:33:59   CMT IS/T +          1.0000    GL            14.0000    GL     SAD-04549-S2K-R
AM2000       PMGPLA
  10/16/00   15:58:56   ON ORD +           10.0000    GL            11.0000    GL     S2K-05006-PO
AM2000       PMGPDS
  10/16/00   16:02:57   ON ORD +           23.5000    GL            34.5000    GL     S2K-05007-PO
AM2000       PMGPDS
  10/16/00   16:05:55   CMT IS/T +         12.0000    GL            26.0000    GL     SAD-04551-S2K-R
AM2000       PMGPLA
  10/16/00   16:47:00   CMT IS/T +       7352.0000    GL          7378.0000    GL     SAD-04553-S2K-R
AM2000       PMGPLA
  10/16/00   16:51:34   COM IS/T -          1.0000    GL          7377.0000    GL     000000155-00
AM2000       ICGSTO
  10/16/00   16:51:35   ON HAND -           1.0000    GL          7351.0000    GL     000000155-00
AM2000       ICGSTO
  10/16/00   16:56:26   CMT IS/T +         13.5000    GL          7390.5000    GL     SAD-04554-S2K-R
AM2000       PMGPLA
  10/16/00   16:59:08   COM IS/T -         13.5000    GL          7377.0000    GL     000000156-00
AM2000       ICGSTO
  10/16/00   16:59:09   ON HAND -          13.5000    GL          7337.5000    GL     000000156-00
AM2000       ICGSTO
```

Printing the Product Transaction Tracking Report

The Product Transaction Tracking report presents Product Transaction Journal file information in a different format from the Product Transaction Journal report. This report lists each transaction and shows the resulting balance for the affected inventory type. You can limit the selection by company, warehouse, product or raw material/resource range, transaction date range, and/or transaction type. Transactions for each item print on a separate page.

This report includes the following information:

- Company and warehouse
- Product or raw material/resource identifier and description
- Date and time of transaction
- Transaction type and quantity
- Balances for on hand, scheduled production, work in process usage, committed, scheduled usage, work in process production, on order, on hold, future sales, distressed, inspection, quarantine, in transit, return to vendor, rework, and scrapped inventory.

The report shows three totals for each item. Accumulated Totals are the final balances for each inventory type for the ending date that you select. File totals are the balances in the Inventory file for each inventory type as of the date for which you print the report. The total difference is the difference between the accumulated and file totals.

Balances are shown to six digits only. The system truncates any additional digits to the left.

Use the menu path below.

- *Inventory Control Reports*
  - *Print Transaction tracking* [PTT]

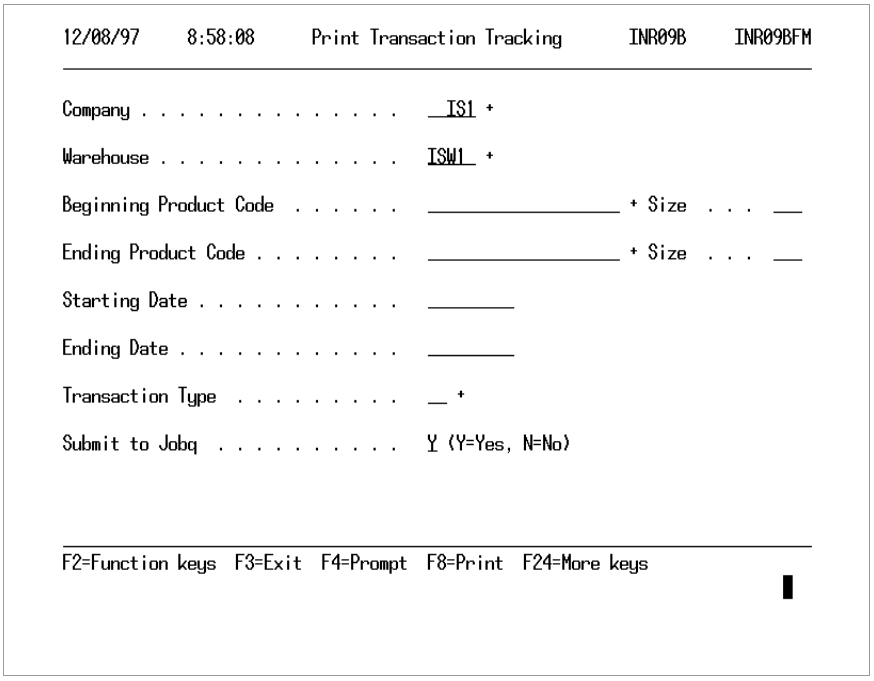


Figure A-6: Print Transaction Tracking prompt screen

The system requires an entry in the *Submit to Jobq* field. If you are authorized to one warehouse only, *Company* and *Warehouse* are display fields. Otherwise, the system requires entries in these fields.

A sample report is shown on the next page.

```
INR224     INT224                                                    P R O D U C T   T R A N S A C T I O N   T R A C K I N G
PAGE   76
10/17/00    9:40:52
AM2000
-------------------------------------------------------------------------------------------------------------------------------------------------------------------
-----------------------------------------------
  Company            S2K                 Warehouse         S2KW1   Name           INFINIUM WAREHOUSE 1
  Product        S2KITEM1                Size           EA      Name           INFINIUM RODUCT #1
  DATE     TIME       TRN TYPE          TRN QTY    UM    ONHAND   SCHPRD   WIPUSG   COMMIT   SCHUSG   WIPPRD   ONORDR   ONHOLD   FUTSAL   DISINV
COMIST   ONORWH   INSPEC   QUARN    PO REQ   INTRAN
  8/15/00  17:51:43  CMT SALE +          1.0000   EA                                    1
  9/12/00  16:19:18  CMT SALE -          1.0000-  EA
  9/12/00  16:19:23  CMT SALE +          1.0000   EA                                    1
  9/12/00  16:51:20  CMT SALE -          1.0000-  EA
  9/12/00  16:51:25  CMT SALE +          1.0000   EA                                    1
  9/15/00  10:42:30  CMT SALE +        300.0000   EA                                  301
  9/16/00  10:43:02  CMT SALE -        300.0000-  EA                                    1
  9/22/00  10:43:03  CMT SALE +        300.0000   EA                                  301
  9/22/00  10:43:19  CMT SALE -        300.0000-  EA                                    1
  9/22/00  10:43:19  CMT SALE +         10.0000   EA                                   11
         ACCUMULATED TOTALS                                                           11
         FILE TOTALS                                                                  11
         DIFFERENCE
                                          ********** END OF REPORT **********
```

Printing the Projected Inventory Report

The Projected Inventory report lists unit cost and projected inventory for each item. This report also lists the balance for each of the inventory types the system uses to calculate projected inventory: on hand, work in process usage, customer orders, scheduled batch usage, on order from vendor, scheduled (that is, work in process) production, and in transit.

Specify the cost type and Cost codes to be used. You can limit the selection by company, warehouse, product or raw material/resource range, and/or Report Type code.

This report includes the following information:

- Company and warehouse
- Cost type used
- Product or raw material/resource identifier and description
- Unit cost
- Inventory balances for on hand (A), work in process usage (B), customer orders (C), scheduled batch usage (D), on order from vendor (E), scheduled (for example, work in process) production (F), in transit (G), and projected (H)
- Total on hand inventory at the warehouse, company, and report levels

The system calculates projected inventory (H) as A minus B minus C minus D plus E plus F plus G.

Use the menu path below.

- *Inventory Control Reports*
  - *Print Projected Inventory* [PPI]

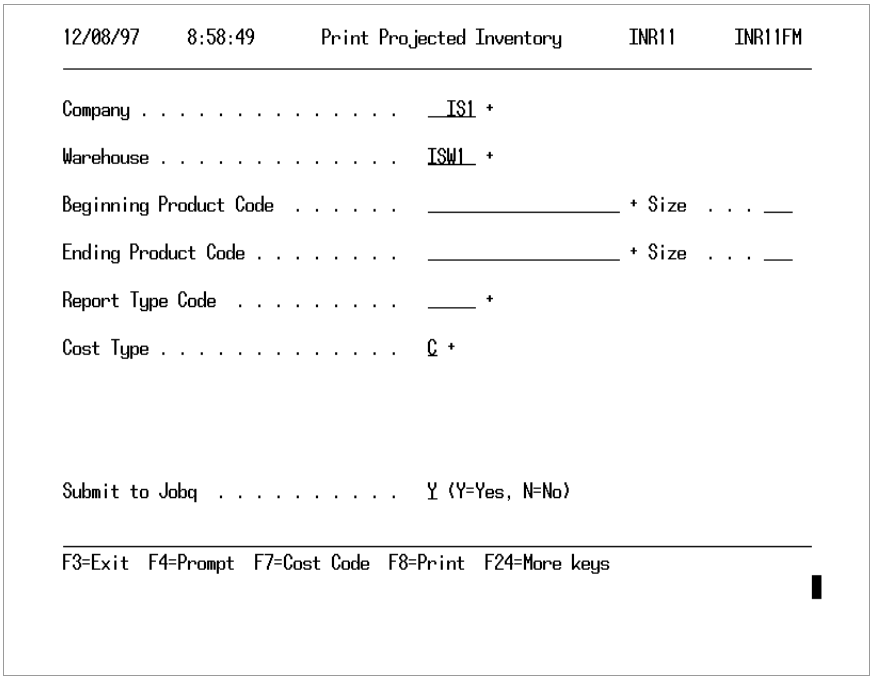


Figure A-7: Print Projected Inventory prompt screen

If you press F4 in the *Warehouse* field, you can select multiple warehouses in the prompt window.

Press F7 to access the Cost Code selection screen, where you can select Cost codes to include. The default is to include all Cost codes in the cost.

A sample report is shown on the next page.

```
IN228R     INT228                         P R O J E C T E D   I N V E N T O R Y   R E P O R T                                     PAGE    1
10/17/00   14:11:06
RLL
 Company          S2K     Warehouse      S2KW1     Name           WAREHOUSE "1" (INSTRUCTORS)       Cost           Current Cost           (A - B - C
- D + E + F + G = H)
 PRODUCT             SIZE DESCRIPTION              ON HAND(A)   UM       IN PROC(B)  CUST ORDERS(C)    SCH USAGE(D)   ON ORDER(E)  SCH PROD(F)  IN
TRANSIT(G) PROJECTED(H)  COST UM
 RAW10                    LABOR                                 HR                                             .9988
.9988-
                                                                HR
 RAW9                     BURDEN                                HR                                             .4994
.4994-
                                                                HR
                     S2K S2KW1 COMPANY/WAREHOUSE TOTAL                                                        1.4982
1.4982-
                                  ** GRAND TOTAL **                                                           1.4982
1.4982-
                                                  ********** END OF REPORT **********
```

Printing the Available Inventory by Number of Containers Report

The Available Inventory by Number of Containers report shows quantities as containers rather than units. The report lists the available quantity for each product. The report also lists the balance of each inventory type the system uses to calculate available inventory as well as the minimum and maximum quantities you establish in the Item Warehouse file.

You can limit the selection by company, warehouse, product or raw material/ resource range, and/or Report Type code.

This report includes the following information:

- Company and warehouse
- Product identifier and description
- Number of containers on hand, in process, on order by customer, and available
- Minimum and maximum number of containers

The report does not include raw materials/resources.

Use the menu path below.

- *Inventory Control Reports*
  - *Print Inventory by Containers* [PIBC]

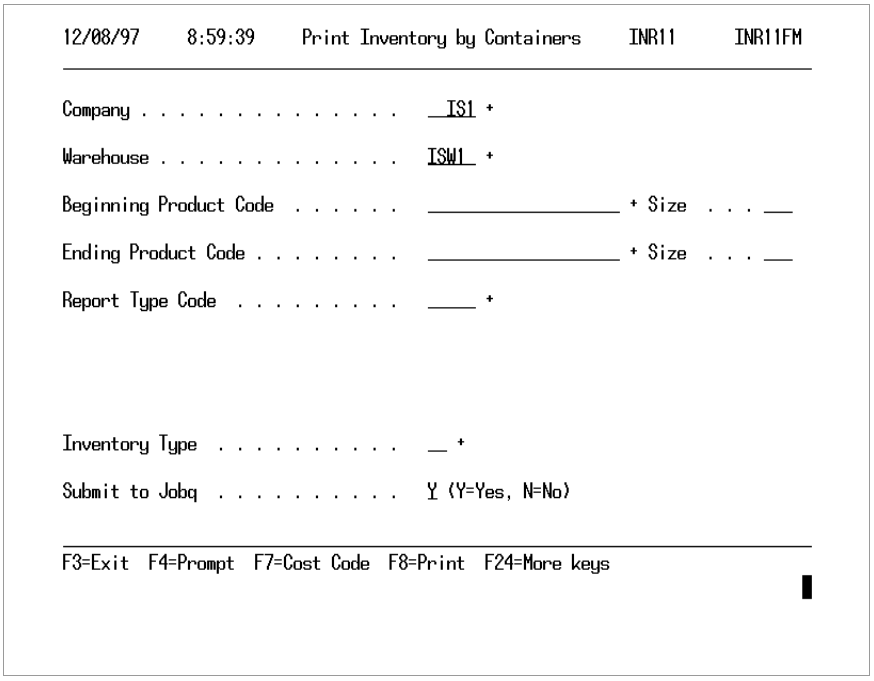


Figure A-8: Print Inventory by Containers prompt screen

The system requires entries in the *Inventory Type* and *Submit to Jobq* fields. However, your entry in *Inventory Type* does not affect the report.

If you press F4 in the *Warehouse* field, you can select multiple warehouses in the prompt window.

F7 is not a valid function key.

A sample report is shown on the next page.

```
IN229R     INT229      A V A I L A B L E   I N V E N T O R Y   B Y   N U M B E R   O F   C O N T A I N E R S            PAGE    1
10/17/00   14:11:29                                                                                                      RLL
-------------------------------------------------------------------------------------------------------------------------------
  Company          S2K     Warehouse      S2KW1     Name           WAREHOUSE "1" (INSTRUCTORS)
 PRODUCT#            SIZE DESCRIPTION                        ON HAND  OTH ONHAND     SUPPLY       DEMAND   AVAILABLE
 S2KFORM1             GL  S2K's Formula One                     7337                                            7337
 S2KITEM1                 ITEM#1                                  10                                              10
 S2KITEM2                 ITEM#2                                  10                                              10
 S2KITEM3                 ITEM#3                                  10                                              10
 S2KITEM4                 ITEM#4                                   5                                               5
 S2KITEM6                 ITEM#6                                   5                                               5
                                                 ********** END OF REPORT **********
```

Printing Product Status/Exception by Number of Containers Report

The Product Status/Exception by Number of Containers report shows quantities as containers rather than units. You can print either a status or an exception report. The exception report lists products for which available inventory plus on order inventory from vendors plus scheduled production is either less than the minimum or greater than the maximum quantity you specify in the Item Warehouse file. The status report lists information for all products.

You can limit the selection for both the status and exception reports by company, warehouse, product range, and/or Report Type code.

This report includes the following information:

- Company and warehouse
- Indication of status report or exception report
- Product identifier and description
- Available inventory (A)
- On order quantity (B)
- Scheduled production (C)
- Minimum quantity (D)
- Maximum quantity (E)

An item prints on the exception report if A plus B plus C is either less than D or greater than E. If you have not entered a minimum or maximum quantity for an item, the item does not print on the exception report.

The Product Status/Exception by Number of Containers report does not include raw materials/resources.

Use the menu path below.

- *Inventory Control Reports*
  - *Print Status/Exception by # Cntr* [PSEB#C]

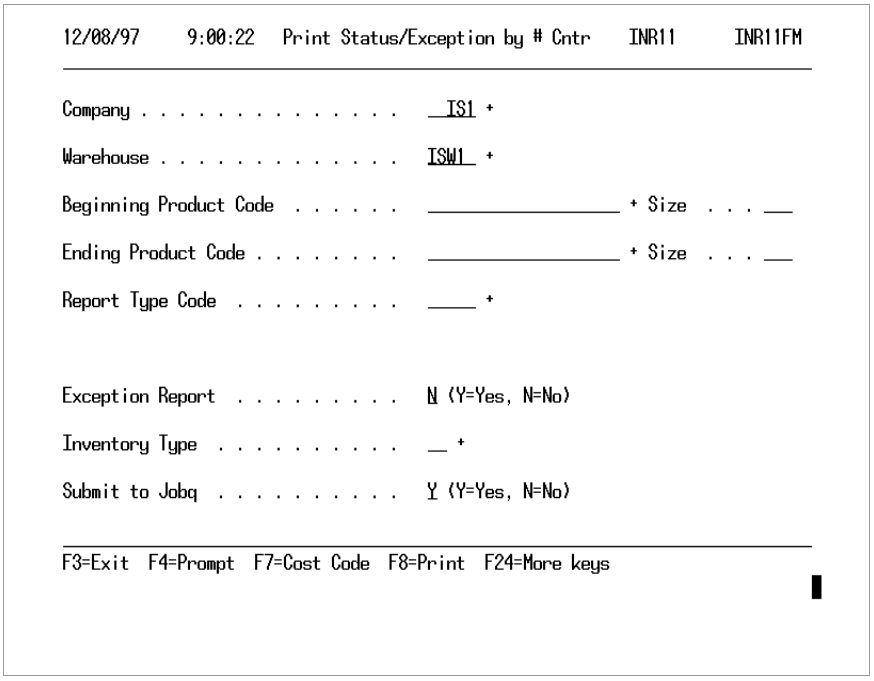


Figure A-9: Print Status/Exception by # Cntr prompt screen

The system requires entries in the *Exception Report*, *Inventory Type*, and *Submit to Jobq* fields. However, your entry in *Inventory Type* does not affect the report. Type **Y** in *Exception Report* to generate an exception report. Type **N** to generate a status report.

You can select multiple warehouses in the prompt window.

F7 is not a valid function key.

A sample status and exception report is shown on the next page.

```
IN230R    INT230            P R O D U C T   S T A T U S / E X C E P T I O N   B Y   N U M B E R   O F   C O N T A I N E R S                    PAGE    1
10/17/00   14:11:32
RLL
------------------------------------------------------------------------------------------------------------------------------------------------------------
------------------------------
  Company          S2K     Warehouse      S2KW1     Name          WAREHOUSE "1" (INSTRUCTORS)                       *** Status ***
 PRODUCT#                 SIZE    DESCRIPTION                        ON HAND(A)    OTH ONHAND(B)     SUPPLY(C)      DEMAND(D)    AVAILABLE(E)
MINIMUM(F)     MAXIMUM(G)
 S2KFORM1                 GL      S2K's Formula One                       7337                                                         7337
 S2KITEM1                         ITEM#1                                    10                                                           10
500           1000
 S2KITEM2                         ITEM#2                                    10                                                           10
800           1500
 S2KITEM3                         ITEM#3                                    10                                                           10
10000         200000
 S2KITEM4                         ITEM#4                                     5                                                            5
 S2KITEM6                         ITEM#6                                     5                                                            5
                                                  ********** END OF REPORT **********
```

Printing the Product Inventory by Storage Index Report

The Product Inventory by Storage Index report lists quantity and related information for every storage index for the items and inventory type you specify. This is a convenient way to see all of the storage indexes for an item. You can limit the selection by company, warehouse, product or raw material/resource range, and/or Report Type code.

This report includes the following information:

- Company and warehouse
- Inventory type
- Product and raw material/resource identifier and description
- Storage index
- Quantity in storage index
- Expiration and last graded dates
- Physical location
- Customer
- Total quantity for each item (for the inventory type you specify)

Use the menu path below.

- *Inventory Control Reports*
  - *Print Inventory by Storage Index* [PIBSI]

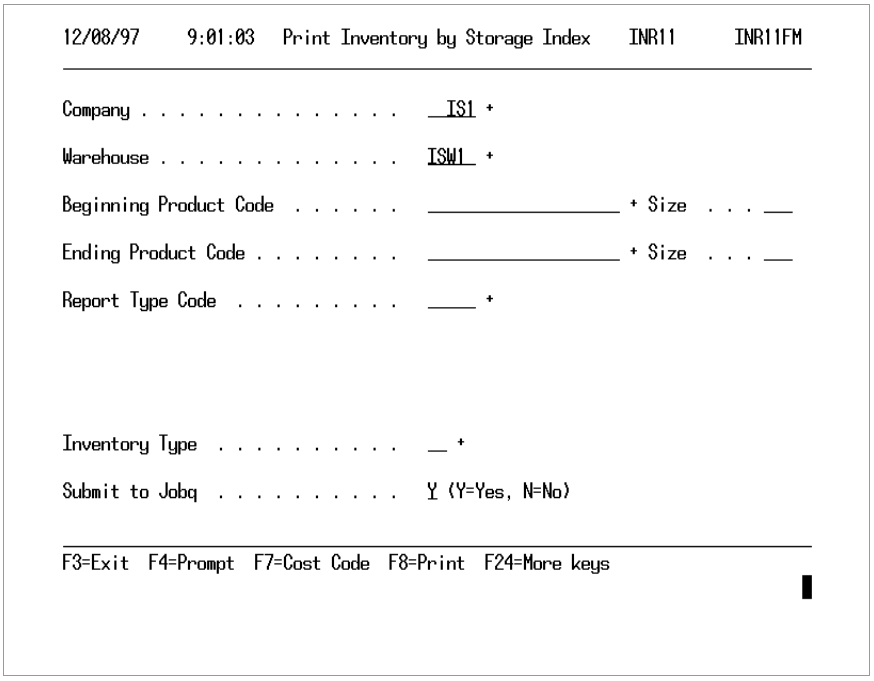


Figure A-10: Print Inventory by Storage Index prompt screen

The system requires entries in the *Inventory Type* and *Submit to Jobq* fields. However, this is not a costed report.

Warehouse

If you press F4 in the *Warehouse* field, you can select multiple warehouses in the prompt window.

F7 is not a valid function key.

A sample report is shown on the next two pages.

```
INR223     INT223              P R O D U C T   I N V E N T O R Y   B Y   S T O R A G E   I N D E X                    PAGE    1
10/17/00   14:11:46                                                                                                      RLL
-------------------------------------------------------------------------------------------------------------------------------
  Company          S2K     Warehouse     S2KW1     Name           WAREHOUSE "1" (INSTRUCTORS)
                                                     Inv Type       ON HAND INVENTORY
  Product        RAW11                 Size               Name           PROCESS RAW MATERIAL-water
                                                                                LAST GRADED     PHYSICAL
 aisle        row          bin             CURRENT QTY   UM       EXP. DATE        DATE        LOCATION
                                               5.0000   GL         0/00/00       0/00/00
          Total Product Qty                    5.0000
  Product        RAW12                 Size               Name           PROCESS RAW MATERIAL
                                                                                LAST GRADED     PHYSICAL
 aisle        row          bin             CURRENT QTY   UM       EXP. DATE        DATE        LOCATION
                                               5.0000   LB         0/00/00       0/00/00
          Total Product Qty                    5.0000
  Product        RAW13                 Size               Name           PROCESS RAW MATERIAL-alcohol
                                                                                LAST GRADED     PHYSICAL
 aisle        row          bin             CURRENT QTY   UM       EXP. DATE        DATE        LOCATION
                                               5.0000   GL         0/00/00       0/00/00
          Total Product Qty                    5.0000
  Product        RAW2                  Size               Name           RAW MATERIAL #2
                                                                                LAST GRADED     PHYSICAL
 aisle        row          bin             CURRENT QTY   UM       EXP. DATE        DATE        LOCATION
                                               5.0000   EACH       0/00/00       0/00/00
          Total Product Qty                    5.0000
  Product        RAW7                  Size               Name           HAZARDOUS RAW MATERIAL #1
                                                                                LAST GRADED     PHYSICAL
 aisle        row          bin             CURRENT QTY   UM       EXP. DATE        DATE        LOCATION
                                               5.0000   GL         0/00/00       0/00/00
          Total Product Qty                    5.0000
  Product        RAW8                  Size               Name           HAZARDOUS RAW MATERIAL #2
                                                                                LAST GRADED     PHYSICAL
 aisle        row          bin             CURRENT QTY   UM       EXP. DATE        DATE        LOCATION
```

```
INR223     INT223              P R O D U C T   I N V E N T O R Y   B Y   S T O R A G E   I N D E X                    PAGE    2
10/17/00   14:11:46                                                                                                     RLL
-------------------------------------------------------------------------------------------------------------------------------
  Company          S2K     Warehouse     S2KW1     Name           WAREHOUSE "1" (INSTRUCTORS)
                                                     Inv Type       ON HAND INVENTORY
                                                5.0000   LB         0/00/00       0/00/00
          Total Product Qty                     5.0000
  Product        S2KFORM1             Size           GL  Name           S2K's Formula One
                                                                                LAST GRADED     PHYSICAL
 aisle        row          bin              CURRENT QTY   UM       EXP. DATE        DATE        LOCATION
                                             7337.5000   GL         0/00/00       0/00/00
          Total Product Qty                  7337.5000
  Product        S2KITEM1             Size               Name           ITEM#1
                                                                                LAST GRADED     PHYSICAL
 aisle        row          bin              CURRENT QTY   UM       EXP. DATE        DATE        LOCATION
                                                  5.0000   EACH       0/00/00       0/00/00
 A1           ROW1         BIN1                5.0000   EACH       0/00/00      10/16/00
          Total Product Qty                    10.0000
  Product        S2KITEM2             Size               Name           ITEM#2
                                                                                LAST GRADED     PHYSICAL
 aisle        row          bin              CURRENT QTY   UM       EXP. DATE        DATE        LOCATION
                                                  5.0000   EACH       0/00/00       0/00/00
 A1           ROW1         BIN2                5.0000   EACH       0/00/00       0/00/00
          Total Product Qty                    10.0000
  Product        S2KITEM3             Size               Name           ITEM#3
                                                                                LAST GRADED     PHYSICAL
 aisle        row          bin              CURRENT QTY   UM       EXP. DATE        DATE        LOCATION
                                                  5.0000   EACH       0/00/00       0/00/00
 A1           ROW1         BIN2                5.0000   EACH       0/00/00       0/00/00
          Total Product Qty                    10.0000
```

Printing the Negative Inventory Report

The Negative Inventory report lists items that have a negative balance for the on hand, on hold, distressed, inspection, quarantine, in transit, or rework inventory types. You can specify that the report is to include raw materials/resources only, products only, or both. You can limit the selection by company, warehouse, and/or product or raw material/ resource range.

This report includes the following information:

- Company and warehouse
- Storage index location
- Product or raw material/resource identifier and description
- Balances for on hand, on hold, distressed, inspection, quarantine, in transit, and rework inventory types
- Total quantities at the warehouse and report levels

Use the menu path below.

- *Inventory Control Reports*
  - *Print Negative Inventory* [PNI]

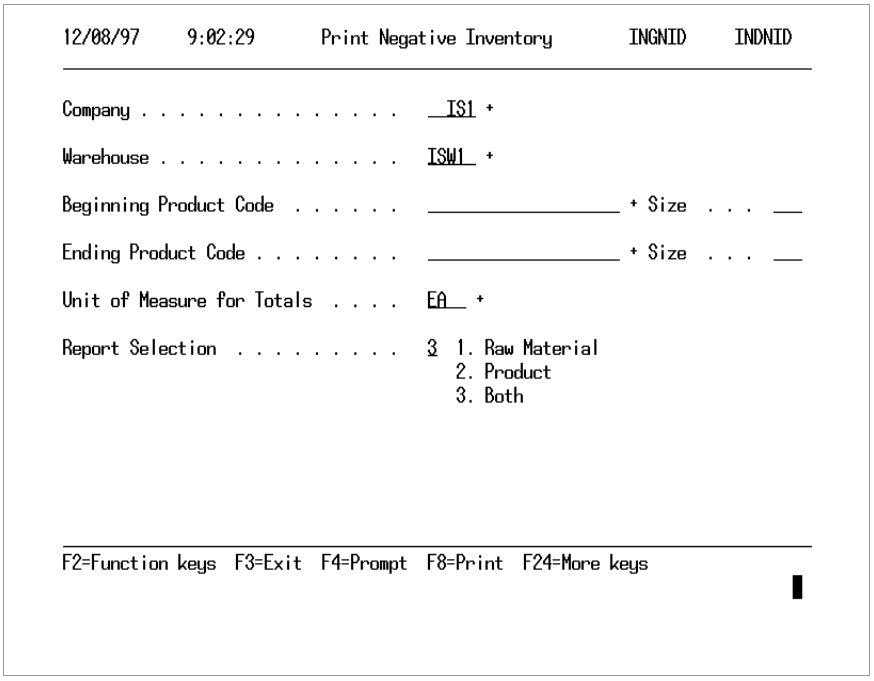


Figure A-11: Print Negative Inventory prompt screen

The system requires entries in the *Unit of Measure for Totals* and *Report Selection* fields.

Warehouse

If you press F4 in the *Warehouse* field, you can select multiple warehouses in the prompt window.

A sample report is shown on the next page.

ICGNIR ICTNIR N E G A T I V E I N V E N T O R Y R E P O R T PAGE 1
12/15/00 14:39:24 PJT

COMP	WHSE	STORAGE INDEX	LOCATION	PRODUCT	SIZE	DESCRIPTION	UM	QUANTITY	INVENTORY TYPE
IS1	ISW1	A1	B1	PROD01		CHERRY PIE	EA	100.0000-	ON HAND INVENTORY
		Inventory type Totals					EA	100.0000-	
IS1	ISW1	AISLE 2	BIN 8	PROD02		APPLE PIE	EA	110.0000-	ON HAND INVENTORY
		Inventory type Totals					EA	110.0000-	
		Company/Warehouse Totals					EA	210.0000-	
		Final Totals					EA	210.0000-	

********** END OF REPORT **********

Printing the Product/Raw Material Usage Report

The Product/Raw Material Usage report lists items and quantities the system uses in production per month, for up to 12 months. It also prints an average monthly usage for the months reported. You can specify that the report is to include raw materials/resources only, products only, or both. You can limit the selection by company, warehouse, and/or product or raw material/resource range.

This report includes the following information:

- Company and warehouse
- Product or raw material/resource identifier and description
- Month
- Quantity used in month
- Average monthly quantity used
- Totals by warehouse for each month and for all months
- Totals for report for each month

The system does not print items that have a zero usage for all of the months listed on the report.

Use the menu path below.

- *Inventory Control Reports*
  - *Print RM/Product Usage* [PRMPU]

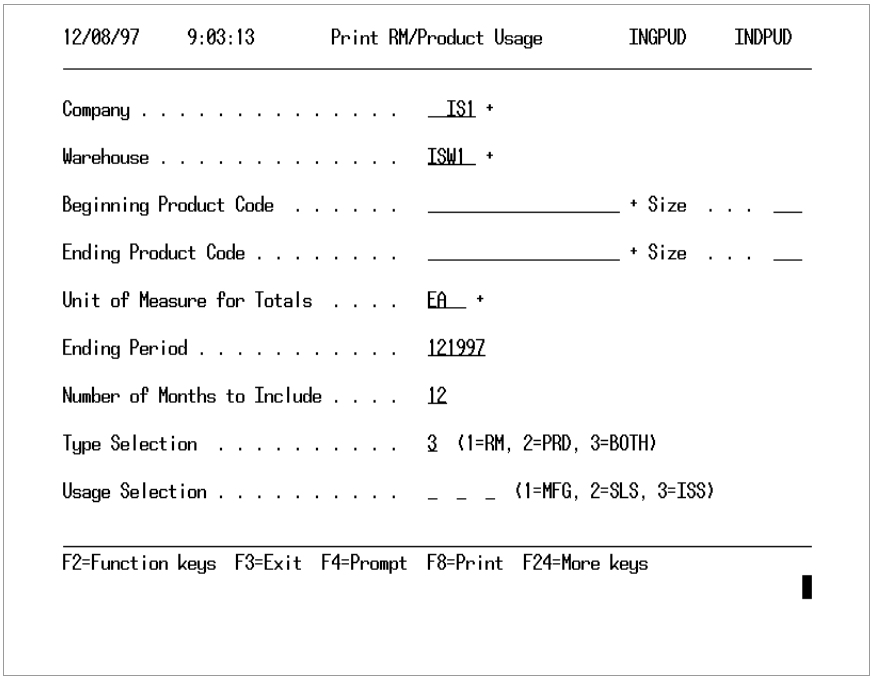


Figure A-12: Print RM/Product Usage prompt screen

The system requires entries in the *Unit of Measure for Totals*, *Ending Period*, *Number of Months to Include,* and *Type Selection* fields.

Warehouse

If you press F4 in the *Warehouse* field, you can select multiple warehouses in the prompt window.

Type Selection

Type the number that represents the kind of inventory you want to report. You can print a report for raw materials, products or both.

Usage Selection

Type the number that represents the kind of usage you want to print on the report. You can print usage for units used in manufacturing, customer sales or units issued from inventory. The information that prints is retrieved from where you determined the system should list usage information according to your entries in the *Work with Adjustment Type* function. The usage information prints only if lot control is established at the entity, company, warehouse and item levels in Infinium CA.

The three selections listed are just a few of the history categories that you can specify in the *Product History Slot* field on the Work with Adjustment Type screen. If you type **1** (MFG) in the *Usage Selection* field, usage

information prints for all of the units listed in adjustment types for which you assigned a **3** (manufactured units) in the *Product History Slot* field.

Therefore, it is important to note where you determined the system should list the usage information for units assigned to a particular adjustment type before you specify a usage selection.

A sample report is shown on the next page.

```
INGPUR     INTPUR                                                        P R O D U C T / R A W M A T E R I A L   U S A G E   R E P O R T
PAGE    1
 9/26/00   10:16:33
AM2000
----------------------------------------------------------------------------------------------------------------------------------------
------------------------------------------------
                                                                                                 12/94          1/00          2/00          3/00
4/00          5/00
  COMP     WHSE      PRODUCT                SIZE   DESCRIPTION                      UM             6/00          7/00          8/00          9/00
10/00         11/00       AVERAGE
----------------------------------------------------------------------------------------------------------------------------------------
------------------------------------------------
                                                                                                 110                         440
330
  S2K      S2KW1    S2KFORM1              GL    INTERMEDIATE BASE               GL              556           560            66           500
400           550           440
                                                                                                  10           10            10
20            10
  S2K      S2KW1    RAW1                  LB    RAW MATERIAL #1                 LB               10            10                          20
20            10            11
----------------------------------------------------------------------------------------------------------------------------------------
------------------------------------------------
                                                                                                  120           10           450
20           340         TOTAL
  S2K        S2KW1    WAREHOUSE TOTALS BY BS                                                         566           570            66           520
420           570           3586
****************************************************************************************************************************************
************************************************

                   FINAL TOTALS BY GL                                                            666           560           506           500
400           890
                                                  ********** END OF REPORT **********
```

Printing the Obsolete Inventory Report

The Obsolete Inventory report lists obsolete materials (that is, materials that have an inventory record but have not been used for the period of time you specify). The report also identifies as orphans any raw materials/resources that are not used in a formula.

You can specify that the report is to include raw materials/resources only, products only, or both. You can limit the selection by company, warehouse, and/or product or raw material/resource range.

This report includes the following information:

- Company and warehouse
- Product or raw material/resource identifier and description
- Orphan indicator

Use the menu path below.

- *Inventory Control Reports*
  - *Print Obsolete Inventory* [POI]

```
12/08/97     9:05:01       Print Obsolete Inventory        INGOID     INDOID

Company . . . . . .  IS1 +

Warehouse . . . . . .  ISW1 +

Beginning Product Code  . . . . . .  _____ + Size  . . .  ___

Ending Product Code . . . . . .  _____ + Size  . . .  ___


Ending Period . . . . . .  121997

Number of Months to Include . . . .  12

Report Selection  . . . . . .  3  1. Raw Material
                                  2. Product
                                  3. Both

F2=Function keys  F3=Exit  F4=Prompt  F8=Print  F24=More keys
```

Figure A-13: Print Obsolete Inventory prompt screen

Ending Period, *Number of Months to Include*, and *Report Selection* are required fields. The *Number of Months to Include* field defaults to **12**, meaning that the system reports items you have not used in the past year as obsolete. You can override this value.

Warehouse

If you type F4 in the *Warehouse* field, you can select multiple warehouses in the prompt window.

A sample report is shown on the next page.

```
INGOIR      INTOIR                        O B S O L E T E   I N V E N T O R Y   R E P O R T                          PAGE    1
 10/17/00   10:16:49                                                                                                  AM2000
-------------------------------------------------------------------------------------------------------------------------------
  COMP     WHSE    PRODUCT                SIZE  DESCRIPTION
   S2K    S2KW1    RAW13                        S2K RAW MATERIAL 13
   S2K    S2KW1    S2KITEM6                LB   S2K PRODUCT 6


                                          ********** END OF REPORT **********
```

Printing the Inventory Turns Report

The Inventory Turns report lists the estimated number of inventory turns represented by the on hand balance of each item. The system calculates the number of turns as the usage during the time period you specify divided by the on hand balance.

You can specify that the report is to include raw materials/resources only, products only, or both. You can limit the selection by company, warehouse, and/or product or raw material/resource range.

This report includes the following information:

- Company and warehouse
- Product or raw material/resource identifier and description
- Quantity used during the time period you specify
- Quantity on hand
- Inventory turns
- Totals for usage, on hand, and inventory turns at the warehouse and report levels.

Use the menu path below.

- *Inventory Control Reports*
  - *Print Inventory Turns* [PIT]

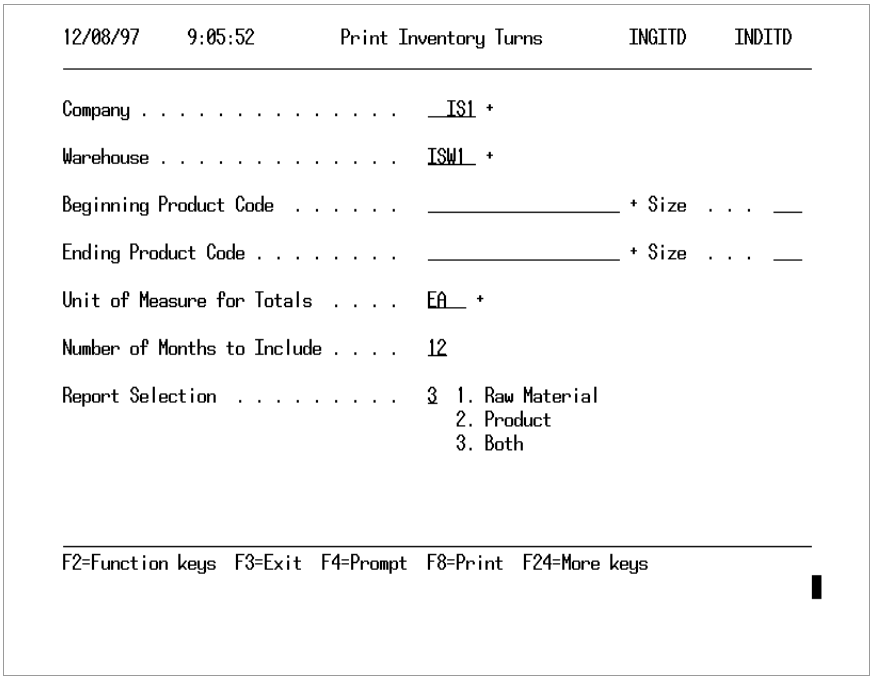


Figure A-14: Print Inventory Turns prompt screen

The system requires entries in the *Unit of Measure for Totals*, *Number of Months to Include*, and *Report Selection* fields.

Warehouse

If you type F4 in the *Warehouse* field, you can select multiple warehouses in the prompt window.

A sample report is shown on the next page.

```
INGITR     INTITR                    I N V E N T O R Y   T U R N S   R E P O R T                                     PAGE    1
 10/17/00   10:17:09                                                                                                  AM2000
---------------------------------------------------------------------------------------------------------------------------------
                                                                                    TOTAL USAGE                          INVENTORY
  COMP   WHSE  PRODUCT               SIZE DESCRIPTION                      UM      12/94 -  9/00        ON HAND             TURNS
  S2K    S2KW1   S2KITEM4              GL  S2K PRODUCT #3                  GL        345               345-             1.000-

  S2K    S2KW1   S2KFORM3              GL  S2K FORMULA 3ASE                GL       1682.000       1234543.00-          1.000-

               FINAL TOTALS BY GL                                                   1727.000       1234888.00

                                                  ********** END OF REPORT **********
```

Printing the Inventory by Receipt Date Report

The Inventory by Receipt Date report is a convenient way to identify your oldest inventory. It lists on hand quantities for items by storage index, sorted by receipt date.

You can specify that the report is to include raw materials/resources only, products only, or both. You can limit the selection by company, warehouse, product or raw material/resource range, and/or last receipt date.

This report includes the following information:

- Company and warehouse
- Product or raw material/resource identifier and description
- Storage index
- Receipt date
- Quantity on hand
- Total on hand quantity at the warehouse and report levels

Use the menu path below.

- *Inventory Control Reports*
  - *Print Inventory by Receipt Date* [PIBRD]

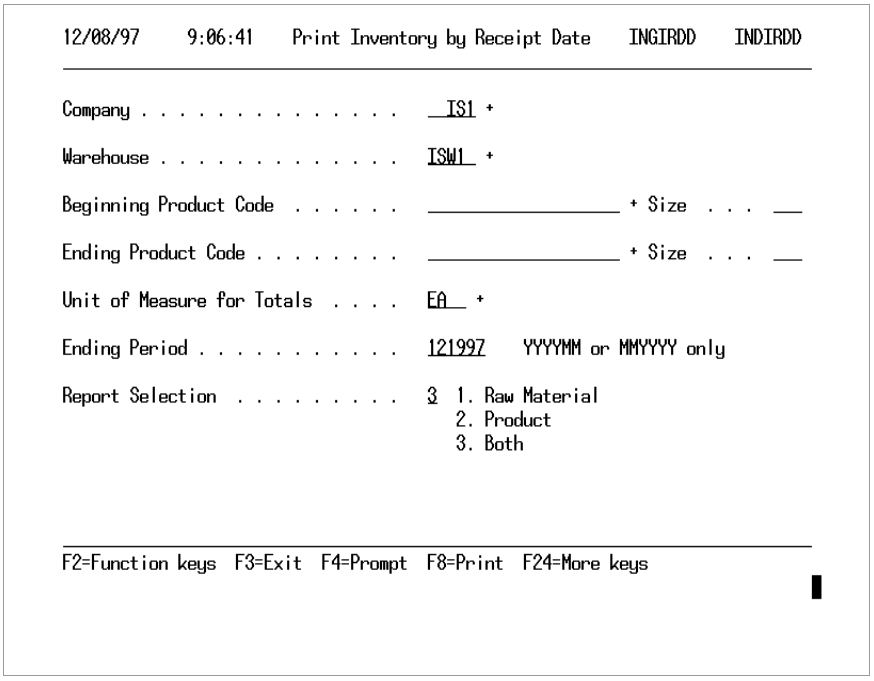


Figure A-15: Print Inventory by Receipt Date prompt screen

The system requires entries in the *Unit of Measure for Totals*, *Ending Period*, and *Report Selection* fields.

Warehouse

If you type F4 in the *Warehouse* field, you can select multiple warehouses in the prompt window.

A sample report is shown on the next page.

INGIRDR INTIRDR I N V E N T O R Y B Y R E C E I P T D A T E R E P O R T PAGE 1
10/17/00 10:17:38 AM2000

COMP	WHSE	PRODUCT	SIZE	DESCRIPTION	Stor Ind 1	Stor Ind 2	Stor Ind 3	UM	RECEIPT DATE	ON HAND
S2K	S2KW1	S2KITEM1	EA	S2K PRODUCT 1	LOC1	BIN3	ROW3	GL	10/2/00	3456.00
S2K	S2KW1	S2KFORM1	GL	S2K FORMULA 1	LOCK	BIN15	ROW9	LB	10/3/00	1500.00
				FINAL TOTALS BY GL						3456.00

********** END OF REPORT **********

Printing the Costed Product Receipt Report

The Costed Product Receipt report lists the quantity and cost from the Cost file of each item that you have received through Infinium PM or the *Post Receipts for P/O* option during the date range you specify. The report includes only those transactions stored in the Product Transaction Journal file with adjustment type PORCPT.

You can print either a detail or summary report. The detail report lists quantity and cost for each purchase order for each item, while the summary report lists quantity and cost for each item.

You can specify that the report is to include raw materials/resources only, products only, or both. You can limit the selection by company, warehouse, and/or product or raw material/resource range.

This report includes the following information:

- Company and warehouse
- Product or raw material/resource identifier and description
- Purchase order number (on detail report)
- Quantity received
- Unit and extended costs
- Total quantity and costs at the product, warehouse, and report levels
- Total quantity at the warehouse and report levels prints in the report totals unit of measure you specified in control files.

Use the menu path below.

- *Inventory Control Reports*
  - *Print Costed Product Receipts* [PCPR]

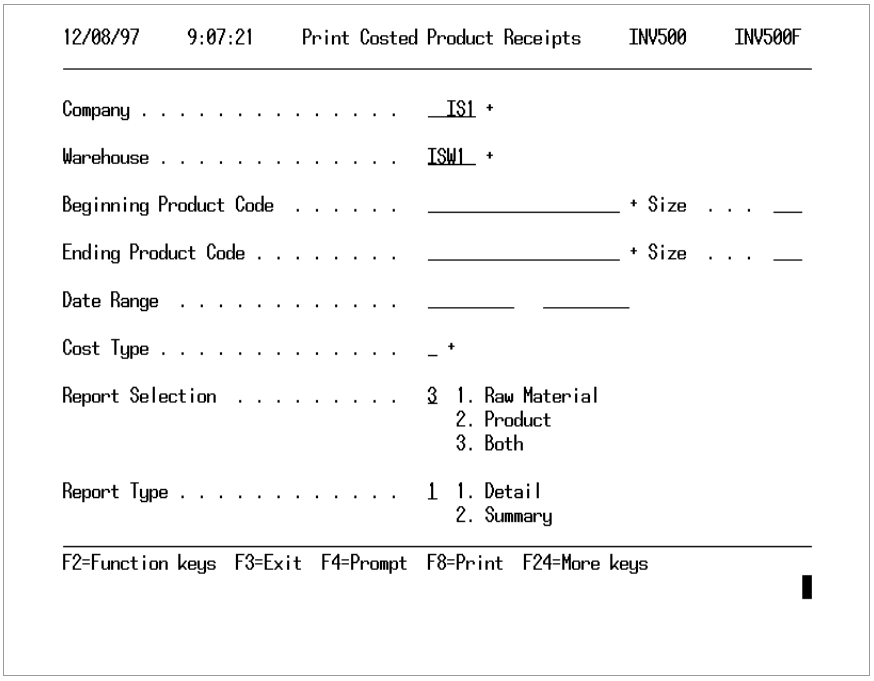


Figure A-16: Print Costed Product Receipts prompt screen

The system requires entries in the *Cost Type*, *Report Selection*, and *Report Type* fields. If you are authorized to one warehouse only, *Company* and *Warehouse* are display fields. Otherwise, they are optional entry fields.

A sample report is shown on the next page.

```
INV500R    INT500R                                          C O S T E D   P R O D U C T   R E C E I P T   R E P O R T
PAGE    1
10/17/00   15:46:55
RLL
---------------------------------------------------------------------------------------------------------------------------------------
-----------------------------------------------
                                                                                          TRANSACTION                      QUANTITY      INV
UNIT          CST           EXTENDED
  COMP     WHSE      MATERIAL                 SIZE    DESCRIPTION                           NUMBER                DATE      RECEIVED      UM
COST          UM               COST
   S2K     S2KW1     S2KITEM1                         ITEM#1                                                 10/13/00      500.0000      EACH
6.000000      EACH          3000.000000
   S2K     S2KW1     S2KITEM1                         ITEM#1                            S2K-04990-PO         10/16/00      100.0000      EACH
6.000000      EACH           600.000000
                                                                                                                        --------------         ------
----------               ----------------
                                                      TOTAL FOR S2KITEM1                                                   600.0000      EACH
6.000000      EACH          3600.000000
   S2K     S2KW1     S2KITEM6                         ITEM#6                            S2K-04963-PO         10/04/00     6000.0000      EACH
6.000000      EACH         36000.000000
                                                                                                                        --------------         ------
----------               ----------------
                                                      TOTAL FOR S2KITEM6                                                  6000.0000      EACH
6.000000      EACH         36000.000000
                                                      TOTAL FOR WAREHOUSE   S2K S2KW1                                     6600.0000      EACH
39600.000000
                                                      GRAND TOTAL                                                         6600.0000      EACH
39600.000000
                                                  ********** END OF REPORT **********
```

Printing the Costed Inventory Adjustments Report

The Costed Inventory Adjustments report shows transaction quantities and costs for each adjustment type for the items you select. You can print a detail or summary report. The detail report lists each transaction for each adjustment type, while the summary report shows the totals for each adjustment type.

You can specify that the report is to include raw materials/resources only, products only, or both. You can limit the selection by company, warehouse, product or raw material/resource range, date range, and/or adjustment type. You also specify to include up to five Cost codes.

This report includes the following information:

- Company and warehouse
- Product or raw material/resource identifier and description
- Adjustment type
- Quantity
- Up to five Cost codes and costs
- Total value for the transaction
- Total quantity and cost at the adjustment type, product, warehouse and report levels
- Total quantity at the warehouse and report levels prints in the report totals unit of measure you specified in control files.

Use the menu path below.

- *Inventory Control Reports*
  - *Print Costed Inv. Adjustment* [PCIA]

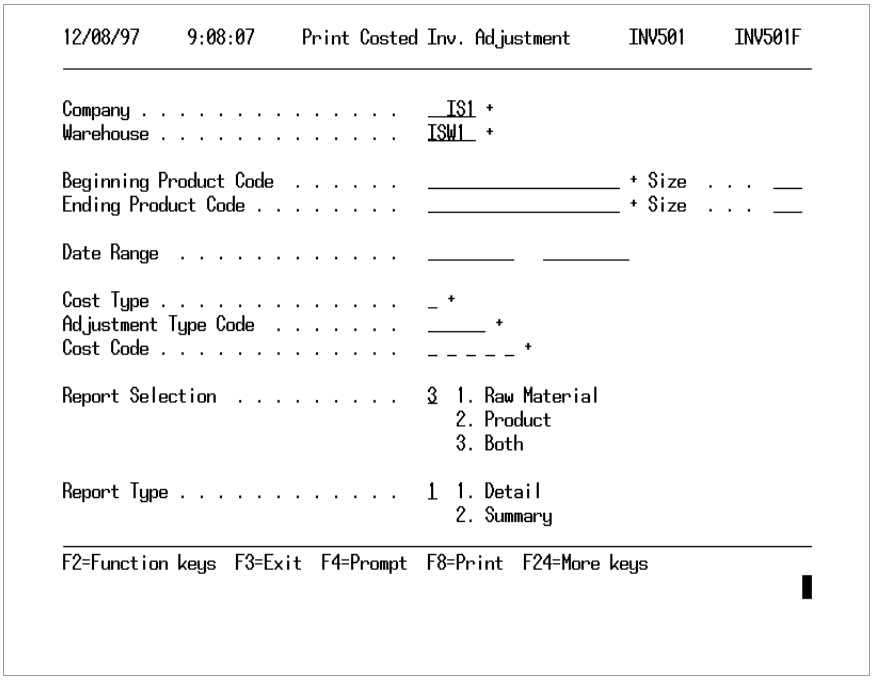


Figure A-17: Print Costed Inv. Adjustment prompt screen

The system requires entries in the *Cost Type*, *Cost Code*, *Report Selection*, and *Report Type* fields. If you are authorized to one warehouse only, *Company* and *Warehouse* are display fields. Otherwise, they are optional entry fields.

Sample detail and summary reports are shown on the next few pages.

INV501R INT501R C O S T E D I N V E N T O R Y A D J U S T M E N T S R E P O R T
PAGE 1
10/17/00 14:12:36
RLL

COMP	WHSE	PRODUCT	SIZE	DESCRIPTION	ADJUSTMENT TYPE	QUANTITY	U/M	Raw Mtl			
TOTAL VALUE											
S2K	S2KW1	RAW11		PROCESS RAW MATERIAL	PHYSICAL INVENTORY A	1450.00-	GL	.00	.00	.00	
.00	.00	.00									
S2K	S2KW1	RAW11		PROCESS RAW MATERIAL	PHYSICAL INVENTORY A	45.00-	GL	.00	.00	.00	
.00	.00	.00									
						1495.00-		.00	.00	.00	
.00	.00	.00		SUBTOTAL	PHYSICAL INVENTORY A		GL				
S2K	S2KW1	RAW11		PROCESS RAW MATERIAL	CYCLE COUNT	1500.00	GL	.00	.00	.00	
.00	.00	.00									
						1500.00		.00	.00	.00	
.00	.00	.00		SUBTOTAL	CYCLE COUNT		GL				
.00	.00	.00		SUBTOTAL FOR RAW11		5.00	GL	.00	.00	.00	
S2K	S2KW1	RAW12		PROCESS RAW MATERIAL	PHYSICAL INVENTORY A	45.00	LB	.00	.00	.00	
.00	.00	.00									
S2K	S2KW1	RAW12		PROCESS RAW MATERIAL	PHYSICAL INVENTORY A	40.00-	LB	.00	.00	.00	
.00	.00	.00									
						5.00		.00	.00	.00	
.00	.00	.00		SUBTOTAL	PHYSICAL INVENTORY A		LB				
.00	.00	.00		SUBTOTAL FOR RAW12		5.00	LB	.00	.00	.00	
S2K	S2KW1	RAW13		PROCESS RAW MATERIAL	PHYSICAL INVENTORY A	12.00	GL	.00	.00	.00	
.00	.00	.00									
S2K	S2KW1	RAW13		PROCESS RAW MATERIAL	PHYSICAL INVENTORY A	7.00-	GL	.00	.00	.00	
.00	.00	.00									
						5.00		.00	.00	.00	
.00	.00	.00		SUBTOTAL	PHYSICAL INVENTORY A		GL				
.00	.00	.00		SUBTOTAL FOR RAW13		5.00	GL	.00	.00	.00	
S2K	S2KW1	RAW2		RAW MATERIAL #2	PHYSICAL INVENTORY A	1.00	EACH	.00	.00	.00	
.00	.00	.00									

```
   S2K S2KW1 RAW2                    RAW MATERIAL #2      PHYSICAL INVENTORY A          4.00  EACH           .00           .00           .00
.00           .00              .00
                                                                                 -------------      -------------  -------------  -------------  ----
---------  -------------    --------------
                                    SUBTOTAL             PHYSICAL INVENTORY A          5.00  EACH           .00           .00           .00
.00           .00              .00
                                    SUBTOTAL FOR RAW2                                  5.00  EACH           .00           .00           .00
.00           .00              .00
   S2K S2KW1 RAW7                   HAZARDOUS RAW MATERI PHYSICAL INVENTORY A         34.00  GL             .00           .00           .00
.00           .00              .00
   S2K S2KW1 RAW7                   HAZARDOUS RAW MATERI PHYSICAL INVENTORY A         29.00- GL             .00           .00           .00
.00           .00              .00
                                                                                 -------------      -------------  -------------  -------------  ----
---------  -------------    --------------
                                    SUBTOTAL             PHYSICAL INVENTORY A          5.00  GL             .00           .00           .00
.00           .00              .00
                                    SUBTOTAL FOR RAW7                                  5.00  GL             .00           .00           .00
.00           .00              .00
   S2K S2KW1 RAW8                   HAZARDOUS RAW MATERI PHYSICAL INVENTORY A         76.00  LB             .00           .00           .00
.00           .00              .00
   S2K S2KW1 RAW8                   HAZARDOUS RAW MATERI PHYSICAL INVENTORY A         71.00- LB             .00           .00           .00
.00           .00              .00
                                                                                 -------------      -------------  -------------  -------------  ----
---------  -------------    --------------
                                    SUBTOTAL             PHYSICAL INVENTORY A          5.00  LB             .00           .00           .00
.00           .00              .00
                                    SUBTOTAL FOR RAW8                                  5.00  LB             .00           .00           .00
.00           .00              .00
   S2K S2KW1 S2KFORM1          GL   S2K's Formula One    INVENTORY TRANSFERS         150.00- GL             .00           .00           .00
.00           .00              .00
   S2K S2KW1 S2KFORM1          GL   S2K's Formula One    INVENTORY TRANSFERS          12.00- GL             .00           .00           .00
.00           .00              .00
   S2K S2KW1 S2KFORM1          GL   S2K's Formula One    INVENTORY TRANSFERS           1.00- GL             .00           .00           .00
.00           .00              .00
   S2K S2KW1 S2KFORM1          GL   S2K's Formula One    INVENTORY TRANSFERS          13.50- GL             .00           .00           .00
.00           .00              .00
                                                                                 -------------      -------------  -------------  -------------  ----
---------  -------------    --------------
                                    SUBTOTAL             INVENTORY TRANSFERS         176.50- GL             .00           .00           .00
.00           .00              .00
   S2K S2KW1 S2KFORM1          GL   S2K's Formula One    CYCLE COUNT                4300.00  GL             .00           .00           .00
.00           .00              .00
   S2K S2KW1 S2KFORM1          GL   S2K's Formula One    CYCLE COUNT                3214.00  GL             .00           .00           .00
.00           .00              .00
                                                                                 -------------      -------------  -------------  -------------  ----
---------  -------------    --------------
```

```
                                    SUBTOTAL             CYCLE COUNT               7514.00  GL             .00            .00            .00
.00            .00               .00
                                    SUBTOTAL FOR S2KFORM1            GL            7337.50  GL             .00            .00            .00
.00            .00               .00
   S2K S2KW1 S2KITEM1               ITEM#1               ORDER PROCESSING SAL         1.00- EACH          5.00-          .00            .00
.00            .00              5.00-
   S2K S2KW1 S2KITEM1               ITEM#1               ORDER PROCESSING SAL        15.00- EACH         75.00-          .00            .00
.00            .00             75.00-
   S2K S2KW1 S2KITEM1               ITEM#1               ORDER PROCESSING SAL        15.00  EACH         75.00           .00            .00
.00            .00             75.00
   S2K S2KW1 S2KITEM1               ITEM#1               ORDER PROCESSING SAL        15.00- EACH         75.00-          .00            .00
.00            .00             75.00-
   S2K S2KW1 S2KITEM1               ITEM#1               ORDER PROCESSING SAL         5.00- EACH         25.00-          .00            .00
.00            .00             25.00-
                                                                                 -------------       -------------  -------------  -------------  ----
---------  -------------    --------------
                                    SUBTOTAL             ORDER PROCESSING SAL        21.00- EACH        105.00-          .00            .00
.00            .00            105.00-
   S2K S2KW1 S2KITEM1               ITEM#1               PHYSICAL INVENTORY A        50.00  EACH        250.00           .00            .00
.00            .00            250.00
   S2K S2KW1 S2KITEM1               ITEM#1               PHYSICAL INVENTORY A      1806.00- EACH       9030.00-          .00            .00
.00            .00           9030.00-
   S2K S2KW1 S2KITEM1               ITEM#1               PHYSICAL INVENTORY A        40.00- EACH        200.00-          .00            .00
.00            .00            200.00-
   S2K S2KW1 S2KITEM1               ITEM#1               PHYSICAL INVENTORY A       328.00- EACH       1640.00-          .00            .00
.00            .00           1640.00-
                                                                                 -------------       -------------  -------------  -------------  ----
---------  -------------    --------------
                                    SUBTOTAL             PHYSICAL INVENTORY A      2124.00- EACH      10620.00-          .00            .00
.00            .00          10620.00-
   S2K S2KW1 S2KITEM1               ITEM#1               PURCHASE ORDER RECEI        500.00  EACH       2500.00           .00            .00
.00            .00           2500.00
   S2K S2KW1 S2KITEM1               ITEM#1               PURCHASE ORDER RECEI        100.00  EACH        500.00           .00            .00
.00            .00            500.00
                                                                                 -------------       -------------  -------------  -------------  ----
---------  -------------    --------------
                                    SUBTOTAL             PURCHASE ORDER RECEI        600.00  EACH       3000.00           .00            .00
.00            .00           3000.00
   S2K S2KW1 S2KITEM1               ITEM#1               INVENTORY TRANSFERS          24.00- EACH        120.00-          .00            .00
.00            .00            120.00-
INV501R    INT501R                                  C O S T E D   I N V E N T O R Y   A D J U S T M E N T S   R E P O R T
PAGE    2
10/17/00   14:12:36
RLL
--------------------------------------------------------------------------------------------------------------------------------------------------
-----------------------------------------------
```

```
  COMP WHSE  PRODUCT             SIZE DESCRIPTION          ADJUSTMENT TYPE          QUANTITY   U/M     Raw Mtl
TOTAL VALUE
                                    SUBTOTAL             INVENTORY TRANSFERS          24.00- EACH        120.00-           .00            .00
.00            .00           120.00-
   S2K S2KW1 S2KITEM1               ITEM#1               CYCLE COUNT                1324.00  EACH       6620.00           .00            .00
.00            .00          6620.00
                                                                                  -------------       -------------  -------------  -------------  ----
---------  -------------    --------------
                                    SUBTOTAL             CYCLE COUNT                1324.00  EACH       6620.00           .00            .00
.00            .00          6620.00
   S2K S2KW1 S2KITEM1               ITEM#1               FOUND                       300.00  EACH       1500.00           .00            .00
.00            .00          1500.00
                                                                                  -------------       -------------  -------------  -------------  ----
---------  -------------    --------------
                                    SUBTOTAL             FOUND                       300.00  EACH       1500.00           .00            .00
.00            .00          1500.00
   S2K S2KW1 S2KITEM1               ITEM#1               ISSUE FROM INV.              45.00- EACH        225.00-           .00            .00
.00            .00           225.00-
                                                                                  -------------       -------------  -------------  -------------  ----
---------  -------------    --------------
                                    SUBTOTAL             ISSUE FROM INV.              45.00- EACH        225.00-           .00            .00
.00            .00           225.00-
                                    SUBTOTAL FOR S2KITEM1                             10.00  EACH         50.00           .00            .00
.00            .00            50.00
   S2K S2KW1 S2KITEM2               ITEM#2               ORDER PROCESSING SAL         5.00- EACH         28.75-           .00            .00
.00            .00            28.75-
   S2K S2KW1 S2KITEM2               ITEM#2               ORDER PROCESSING SAL         1.00- EACH          5.75-           .00            .00
.00            .00             5.75-
   S2K S2KW1 S2KITEM2               ITEM#2               ORDER PROCESSING SAL        20.00- EACH        115.00-           .00            .00
.00            .00           115.00-
   S2K S2KW1 S2KITEM2               ITEM#2               ORDER PROCESSING SAL        20.00  EACH        115.00            .00            .00
.00            .00           115.00
   S2K S2KW1 S2KITEM2               ITEM#2               ORDER PROCESSING SAL        20.00- EACH        115.00-           .00            .00
.00            .00           115.00-
   S2K S2KW1 S2KITEM2               ITEM#2               ORDER PROCESSING SAL         9.00- EACH         51.75-           .00            .00
.00            .00            51.75-
   S2K S2KW1 S2KITEM2               ITEM#2               ORDER PROCESSING SAL         9.00  EACH         51.75            .00            .00
.00            .00            51.75
```

Printing the Item Warehouse Report

The Item Warehouse report lists information from the Item Warehouse file. You can limit the selection by company, warehouse, and/or item range.

Use the menu path below.

- *Inventory Control Reports*
  - *Print Item Warehouse* [PIW]

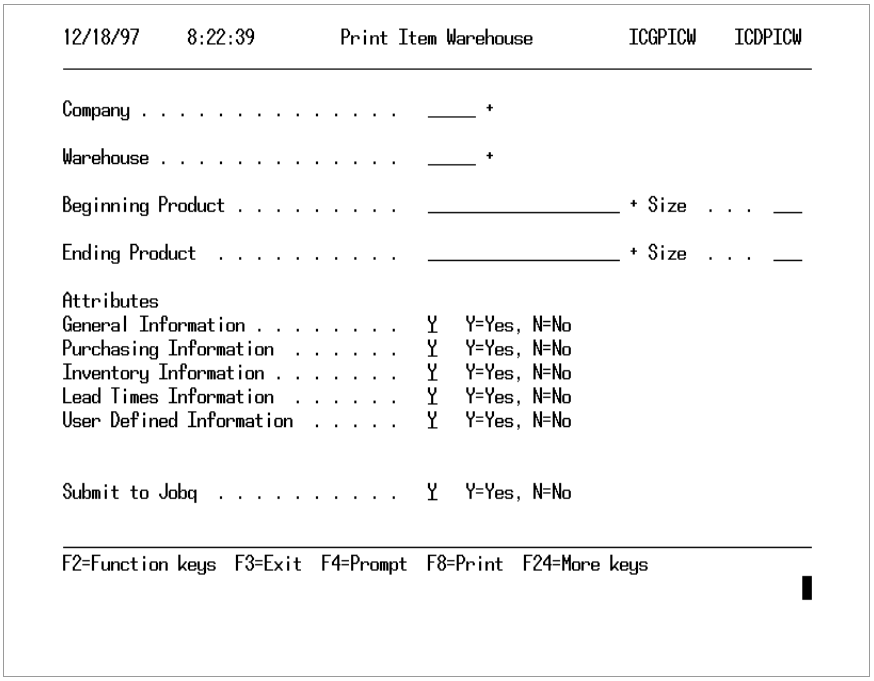


Figure A-18: Print Item Warehouse prompt screen

If you type F4 in the *Warehouse* field, you can select multiple warehouses in the prompt window. A sample report is shown on the next page

.

```
ICGICWR    ICTPICW                          I T E M   W A R E H O U S E   R E P O R T                                  PAGE   34
12/18/00    9:09:49                                                                                                      PJT
-------------------------------------------------------------------------------------------------------------------------------
Company        1    Warehouse    11     INFINIUM SOFTWARE, INC.
Product Code PROD01               Size EA    Desc. Cherry Pie

 Product Class Type  . . . . . :                          Daily Capacity  . . . . . :
 Product Sub Class . . . . . :                            Daily Capacity UM . . . . . :
 Global Tax Rate Code  . . . . . :                        MPS Format  . . . . . :
 Order Strategy  . . . . . :                              Lot Size Technique  . . . . . :
                                                          Critical Resource . . . . . :  N

 Inventory Unit of Measure . . . . :                      Item Revision Level . . . . . :
 Purchasing Unit of Measure  . . . :                      Purchasing Tax Default  . . . . . :  N
 Department Code . . . . . :                              Tax Authority Default . . . . . :
 Inspection Required . . . . . :  N                       Rate Code Default . . . . . :
 Vendor  . . . . . :                                      Recoverable . . . . . :  N
 Primary Vendor  . . . . . :                              Tax Category Code Default . . . . :
 Buyer Sort Code . . . . . :

 Order Policy Code . . . . . :  3                         Automatic Creation Method . . . . :
 Restocking Method . . . . . :                            Full Allocation Only  . . . . . :
 Restocking Warehouse  . . . . . :                        Minimum Qty . . . . . :                          UM
 Maximum Qty . . . . . :                  UM              Maximum Reorder Qty . . . . . :                  UM
 Order Policy/Lot Size Quantity  . :      UM              Safety Stock Qty  . . . . . :                    UM
 Product Family/Class  . . . . . :                        Order Multiple Qty  . . . . . :                  UM
 Planner Code  . . . . . :                                Inventory Cycle Code  . . . . . :
 Material/Warehouse Combination  . :                      Lot Controlled  . . . . . :
 First Part of Storage Index . . . :                      Second Part of Storage Index  . . :
 Third part of storage index . . . :                      Storage Index Capacity  . . . . . :
 Store by Product  . . . . . :                            Store by Storage Type . . . . . :
 Storage Type  . . . . . :                                Days Reserved Prior Issue . . . . :
 First Default Storage Index . . . :                      Days Allocated Prior Transfer . . :
 Second Default Storage Index  . . :                      Days Allocated Prior Issue  . . . :
 Third Default Storage Index . . . :                      Backorder Issue Requisition . . . :  N
                                                          Backorder Transfer Requisition  . :  N
 Calculated ABC Code . . . . . :  C                       Override ABC Code . . . . . :
 Cycle Count Interval  . . . . . :   90                   Last Cycle Count date . . . . . :   8302000
 Next Cycle Count Date . . . . . :  11282000

 Sourcing Lead Time  . . . . . :                          Vendor Lead Time  . . . . . :
 Manuf Fixed Lead Time . . . . . :                        Manuf Variable Lead Time  . . . . :
 Planning Lead Time  . . . . . :                          Order Prep Lead Time  . . . . . :
 Receiving Lead Time . . . . . :                          Inspection Lead Time  . . . . . :
 To Stock Lead Time  . . . . . :                          Total Lead Time . . . . . :
 Safety Lead Time  . . . . . :
```

```
Alpha1  . . . . . . . . . . . . . :
Alpha3  . . . . . . . . . . . . . :
Alpha5  . . . . . . . . . . . . . :
Numeric2  . . . . . . . . . . . . :
Numeric4  . . . . . . . . . . . . :
Date1 . . . . . . . . . . . . . . :
Date3 . . . . . . . . . . . . . . :
Date5 . . . . . . . . . . . . . . :
```

```
Alpha2  . . . . . . . . . . . . . :
Alpha4  . . . . . . . . . . . . . :
Numeric1  . . . . . . . . . . . . :
Numeric3  . . . . . . . . . . . . :
Numeric5  . . . . . . . . . . . . :
Date2 . . . . . . . . . . . . . . :
Date4 . . . . . . . . . . . . . . :
```

Printing the Lot Traceability Report

Use the *Print Lot Traceability* function to print a trace report for lot-controlled items by lot number. You can print the report for a forward trace, backward trace or both:

- Forward Trace

  You can trace a raw material or finished product from its original entry in the system through batch creation and customer sales.

- Backward Trace

  You can trace a finished product from batch production to the purchase of raw materials from a vendor. The Lot Traceability report lists all transactions of the items or products containing the item that match the lot number you specify to trace. With this report, you can perform an internal tracking of material and products from the product to the supplier of the product or raw material the system uses to make the item.

Use the menu path below.

- *Inventory Control Reports*
  - *Print Lot Traceability* [PLTB]

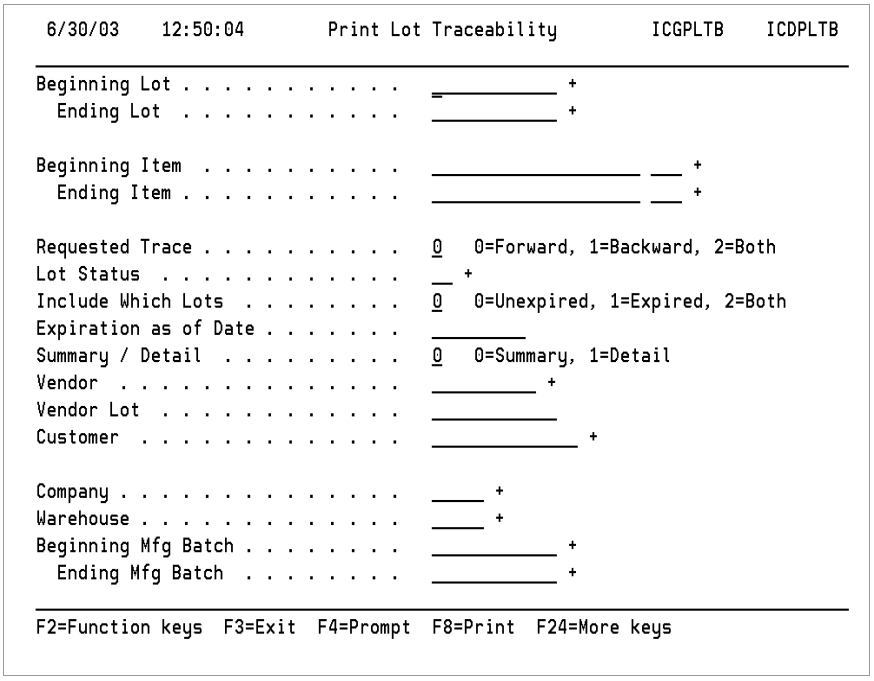


Figure A-19: Print Lot Traceability screen

On the Print Lot Traceability screen you can select the criteria for those lots you want to print. Once you complete the information on the screen, press F8 to generate the report.

Beginning Lot

For a range of lots, specify the value of the first lot in the range. To select only one lot, type that lot in this field only. Leave this field and *Ending Lot* blank to select all lots.

Ending Lot

For a range of lots, specify the value of the last lot you want to select here. Leave this field and *Beginning Lot* blank to select all lots.

Beginning Item

For a range of items, specify the value of the first item and its size code. To select only one item, type that item and its size code in this field only. Leave this field and *Ending Item* blank to select all items.

Ending Item

For a range of items, specify the value of the last item and its size code.

Leave this field and *Beginning Item* blank to select all items.

Requested Trace

Specify whether to print a forward trace, backward trace or both.

Lot Status

To display the list of lots for a single lot status only, specify that lot status. Leave blank to select the lots regardless of their status.

Include Which Lots

Specify whether to change unexpired, expired lots or both.

Expiration as of Date

Type the date to compare with the lot's expiration date to determine if the lot is expired. Leave blank to use the current system date.

Summary/Detail

Specify whether to print summary or detail information.

Vendor

To display the list of lots for a specific vendor only, specify that vendor identifier. Leave blank to select all vendors.

Vendor Lot

To display only a specific lot for a purchased product, specify that lot number.

Customer

To display the list of lots for a specific customer only, specify that customer identifier. Leave blank to select all customers.

Company

To select manufacturing batches for specific company only, specify that company identifier. Leave blank to select all companies.

Warehouse

To select manufacturing batches for a specific warehouse only, specify that warehouse identifier. You must specify a company if you specify a warehouse. Leave this field blank to select all warehouses for the specified company. If you do not specify a company or warehouse, all companies and warehouses are selected.

Beginning Mfg Batch

For a range of manufacturing batches, specify the batch number of the first manufacturing batch. To select only one manufacturing batch, type that batch number in this field only. Leave this field and *Ending Mfg Batch* blank to select all manufacturing batches.

Ending Mfg Batch

For a range of manufacturing batches, specify the batch number of the last manufacturing batch.

Leave this field and *Beginning Mfg Batch* blank to select all manufacturing batches.

Leave this field blank to select all manufacturing batches.

Printing Lots

You use the *Print Lots* function to print lot information by lot name, item name, date created and status. You can also print additional lot information.

Use the menu path below.

- *Inventory Control Reports*
  - *Print Lots* [PLB]

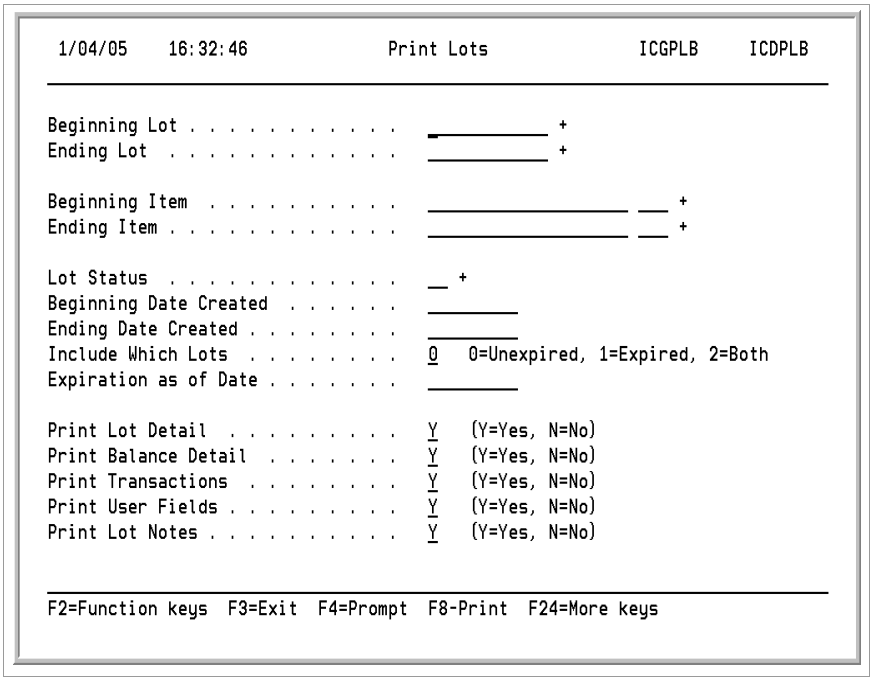


Figure A-20: Print Lots screen

Use this screen to specify the selection criteria for the lot audit listing and then press F8 to print the listing.

Beginning Lot

For a range of lots, specify the value of the first lot in the range.

To select only one lot, type that lot in this field only.

Leave this field and *Ending Lot* blank to select all lots.

Ending Lot

For a range of lots, specify the value of the last lot you want to print here.

Leave this field and *Beginning Lot* blank to select all lots.

Beginning Item

For a range of items, specify the value of the first item and its size code here.

To print only one item, type that item and its size code in this field only.

Leave this field and *Ending Item* blank to select all items.

Ending Item

For a range of items, specify the value of the last item and its size code here.

Leave this field and *Beginning Item* blank to select all items.

Lot Status

To print the report for a single lot status only, specify that lot status.

Leave blank to select the lots regardless of their status.

Beginning Date Created

Type the value for the first date to use if printing the listing for a range of dates.

Leave this field blank if you do not want to specify a range of dates.

Ending Date Created

Type the value for the last date if you want to print the listing for a range of dates.

Include Which Lots

Specify whether to change expired or unexpired lots.

0 Unexpired lots only

1 Expired lots only

2 Both expired and unexpired lots

Expiration as of Date

Type the date to compare with the lot's expiration date to determine if the lot is expired.

Leave blank to use the current system date.

Print Lot Detail

Specify yes to print detailed lot information; otherwise, specify no.

Print Balance Detail

Specify yes to print balance information; otherwise, specify no.

Print Transactions

Specify yes to print the transactions for the selected lots; otherwise, specify no.

Print User Fields

Specify yes to print user field information for the selected lots; otherwise, specify no.

Print Lot Notes

Specify yes to print the lot notes for the selected lots; otherwise, specify no.

Using Physical Inventory Reports

The Physical Inventory reports present information about tags, tag errors, and cost and quantity variances between the physical counts and the frozen balances. An option that prints pre-numbered tags or cycle count sheets is also available. You can print reports for a control identifier as many times as needed until you delete the control identifier using the *Purge PI Files* option. Likewise, you can print tags and/or cycle count sheets as many times as needed until you complete the *Post To On Hand* option for the control identifier.

The Security and Selection Check screen discussed in the “Performing Physical Inventory Processing” part displays for each option. Thus, each report contains information for the specified control identifier only.

A cover page listing the control identifier, selection criteria for the control identifier, and report selection information (if any) prints for each report. The format of most reports differs slightly from the examples presented in this appendix if the control identifier includes only one warehouse.

The system stores and displays inventory values in the base currency defined in Infinium CA. If you have Infinium CM on your system, you can transfer inventory and associated costs between companies with different base currencies.

Printing Tags or Cycle Count Sheets

Use the *Print Tags/Cycle Count Sheets* option to print tags or a cycle count sheet for tags you created using the *Create Tags for Frozen Inventory* option. You can select a range of tag numbers to print. The tags or cycle count sheet you print using this option have the same format as those you print using the *Create Tags for Frozen Inventory* option. However, tags or sheets that you print using the *Print Tags/Cycle Count Sheets* option list information you type using the *Work with Tags* option.

Standard tags print two per page and contain the following information:

- Control identifier and description
- Company and warehouse
- Tag number
- Product or raw material/resource identifier
- Item description
- File quantity (You can select to have the system print or not print system inventory quantities on the tags in the *Work with Company Controls* option on the *Control Files* menu.)
- Counted quantity (blank until you type a value using the *Work with Tags* option)
- Transaction code
- Storage index and physical location
- Sort codes and control batch number (blank until you type a value using the *Work with Tags* option)

Standard cycle count sheets list one item per line and contain the following information:

- Company and warehouse
- Tag number
- Product or raw material/resource identifier
- Item description
- File quantity (You can select to have the system print or not print system inventory quantities on the tags in the *Work with Company Controls* option on the *Control Files* menu.)

- Actual count (blank until you type a value using the *Work with Tags* option)
- Transaction code
- Storage index
- Total number of tags

Use the menu path below.

- *Physical Inventory*
- *Physical Inventory Reports*
  - *Print Tags/Cycle Count Sheets* [PTCCS]

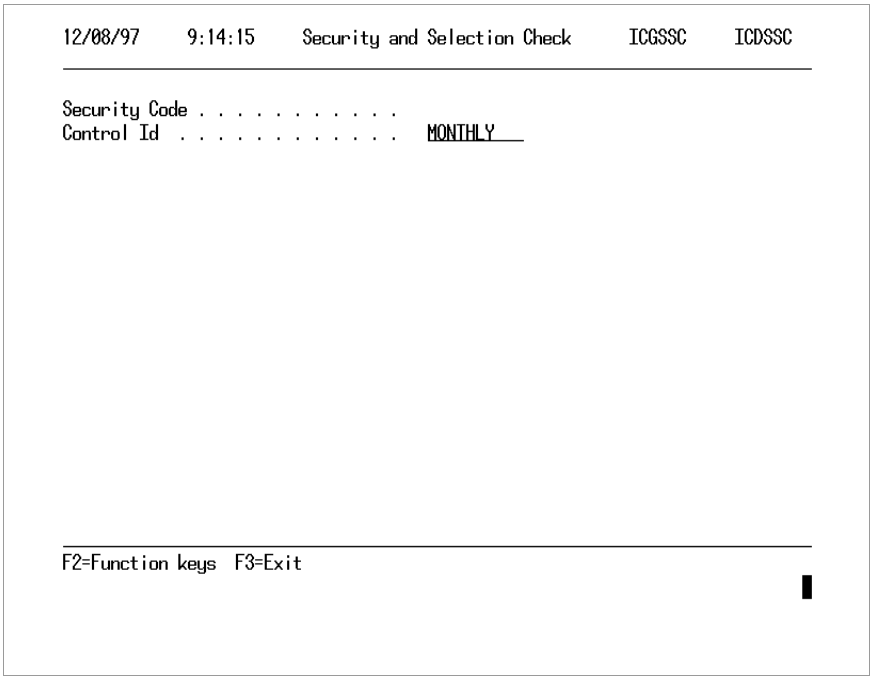


Figure A-21: Security and Selection Check screen

Type your physical inventory security code and control ID and press Enter.

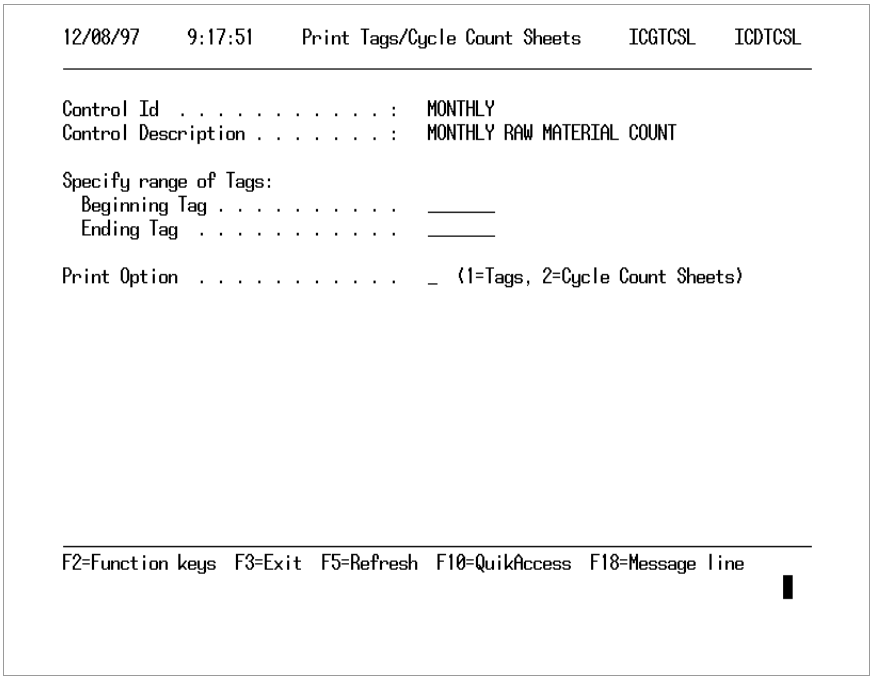


Figure A-22: Print Tags/Cycle Count Sheets screen

This screen displays when you complete the security fields and press Enter from the Security and Selection Check screen.

Print Option

The *Print Option* field is required.

Beginning Tag, Ending Tag

To print all the tags or count sheet lines generated using the *Create Tags for Frozen Inventory* option, leave the *Beginning Tag* and *Ending Tag* fields blank.

Samples of standard tags and a cycle count sheet are shown on the next two pages.

```
ICGFITL    ICTFITL                    T A G S   F O R   F R O Z E N   I N V E N T O R Y
10/17/97   11:45:44                                                                                        PJT
------------------------------------------------------------------------------------------------------------------
 CONTROL ID . . . . . . . . . . . :   MAIN          Main Warehouse


 COMPANY . . . . . . . . . . . . . :    IS1         INFINIUM SOFTWARE (INSTRUCTOR)

 TAG . . . . . . . . . . . . . . . :     1

 WAREHOUSE . . . . . . . . . . . . :   ISW1

 MATERIAL  . . . . . . . . . . . . :  CLEANSER   WINDOW WASHING CLEANSER

 TRANSACTION CODE  . . . . . . . . :  20

 Aisle . . . . . . . . . . . . . . :  ____________

 Row . . . . . . . . . . . . . . . :  ________

 Bin . . . . . . . . . . . . . . . :  ____________

 PHYSICAL LOCATION . . . . . . . . :  ____________

 SORT CODE 1 . . . . . . . . . . . .  ___                    SORT CODE 2 . . . . . . . . . . . .  ______

 CONTROL BATCH NUMBER  . . . . . . .  ______

 COUNTED QUANTITY AND UM . . . . . .  _______________  __EA_
```

ICGCCSL ICTCCSL C Y C L E C O U N T S H E E T PAGE 1
10/17/97 11:45:55 PJT

COMPANY . . . . . : IS1

TAG	WHSE	PRODUCT	SIZE	DESCRIPTION	UM	TRN	Aisle	Row	Bin	ACTUAL COUNT	
1	ISW1	CLEANSER		WINDOW WASHING CLEANSER	EA	20				_____	____
2	ISW1	HAZRAW1		ALCOHOL	GL	20				_____	____
3	ISW1	HAZRAW02		XYLENE	GL	20				_____	____
4	ISW1	HAZRAW04		ETHYL BENZENE	LB	20				_____	____
5	ISW1	HAZRAW05		CHLORINE	GL	20				_____	____

Printing the Error Tag Listing

The Physical Inventory Tags Exception report identifies void tags and tag errors. The same report that you print using this option prints automatically when you use the *Post To On Hand* option. You must correct each tag error before you can close or post to on hand.

This report includes the following information:

- Company and warehouse
- Product or raw material/resource identifier
- Quantity
- Control batch and tag numbers
- Type of error
- Total number of errors
- Total number of voided tags and tags with errors

Use the menu path below.

- *Physical Inventory*
- *Physical Inventory Reports*
  - *Print Error Tag Listing* [PETL]

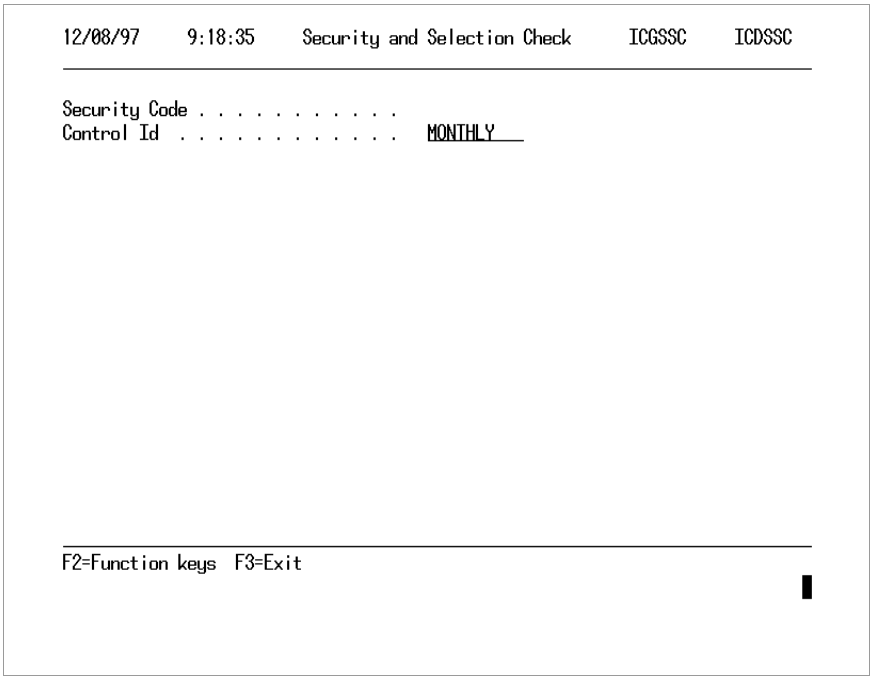


Figure A-23: Security and Selection Check screen

Complete the security fields and press Enter.

A sample report is shown on the next page.

```
ICGETR     ICTETR                          P H Y S I C A L   I N V E N T O R Y   T A G S
PAGE    1
10/17/97   11:27:13                                   EXCEPTION REPORT
RLL
-------------------------------------------------------------------------------------------------------------------------------------------------------------------
-----------------------------------------------------
 COMPANY AND WAREHOUSE . . . . . .      S2K   S2KW1
                                                                                                                                                  CONTROL BATCH
TYPE OF EXCEPTION
           MATERIAL             SIZE        QUANTITY  UM           aisle        row          bin          NUMBER          TAG    (1=VOID; 2=ERROR)
REASON
           S2KITEM9                                                  GL                                                    1                     178
2      ZERO QUANTITY
           S2KITEM10                                                GL                                                    2                     179
2      ZERO QUANTITY
           S2KITEM11                                                GL                                                    3                     180
2      ZERO QUANTITY

                                                    ********** END OF REPORT **********
```

Printing the Missing Tags Report

The Missing Tags report identifies missing tags. You can perform the *Post to On Hand* option even if there are missing tags. Thus, this report is for information and audit purposes only.

This report includes the following information:

- Missing tag numbers
- Total number of tags missing

Use the menu path below.

- *Physical Inventory*
- *Physical Inventory Reports*
  - *Print Missing Tag Numbers* [PMTN]

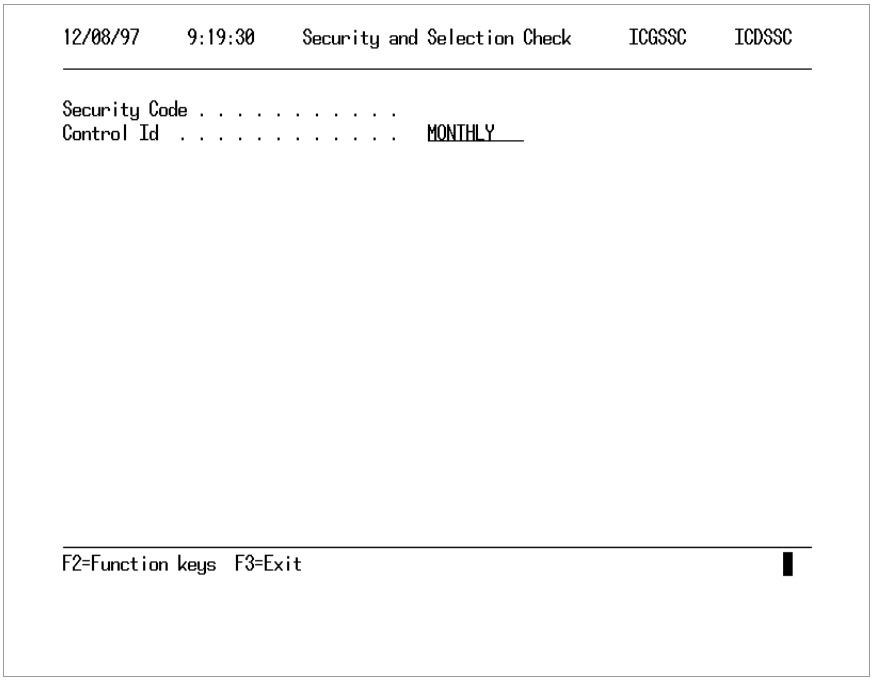


Figure A-24: Security and Selection Check screen

Complete the security fields and press Enter. A sample report is shown on the next page.

```
ICGMTR     ICTMTR                          M I S S I N G   T A G S   R E P O R T                          PAGE    1
10/17/97   11:37:06                                                                                       RLL
-------------------------------------------------------------------------------------------------------------------
 STARTING FROM     ENDING AT
           128           199
 TOTAL NUMBER OF MISSING TAGS  . . :  000072
                                        ********** END OF REPORT **********
```

Printing the Physical Inventory Tag Listing

The Physical Inventory Tag Listing presents tag file information sorted by tag number for all tags. This listing includes the following information:

- Company and warehouse
- Tag number
- Product or raw material/resource identifier
- Quantity
- Transaction code
- Storage index and physical location
- Sort codes
- Exception Type
- Control batch number
- User who entered the tag and work station where the tag was entered
- Total number of tags

Tags for work in process (WIP) have a different transaction code at the end of the report.

Use the menu path below.

- *Physical Inventory*
- *Physical Inventory Reports*
  - *Print Physical Inventory Tags* [PPIT]

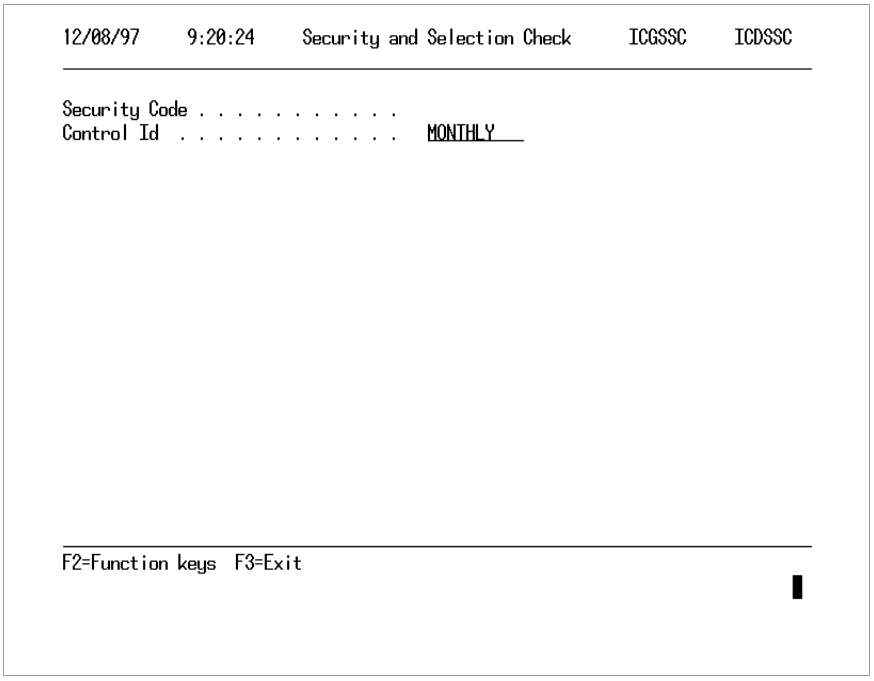


Figure A-25: Security and Selection Check screen

Complete the security fields and press Enter.

A sample report is shown on the next page.

```
ICGPITL    ICTPITL                  P H Y S I C A L   I N V E N T O R Y   T A G S   L I S T I N G                       PAGE    1
10/17/97   11:37:18
RLL
------------------------------------------------------------------------------------------------------------------------------------------------------------------
------------------------------
 COMPANY AND WAREHOUSE . . . . . .      S2K   S2KW1
                                                                                                                          SORT  SORT
EXCEP
    TAG         PRODUCT              SIZE        QUANTITY   UM   TRN  aisle    row     bin           PHY LOC     CODE 1 CODE 2
TYPE   BATCH  USER        JOB
    100         RAW11                            234.0000   GL    20
123  RLL         TRN6006S1
    101         RAW12                            543.0000   LB    20
123  RLL         TRN6006S1
    102         RAW13                           1234.0000   GL    20
123  RLL         TRN6006S1
    103         RAW2                             765.0000   EACH  20
123  RLL         TRN6006S1
    104         RAW7                             986.0000   GL    20
123  RLL         TRN6006S1
    105         RAW8                              23.0000   LB    20
123  RLL         TRN6006S1
    106         S2KITEM1                           1.0000   EACH  20
123  RLL         TRN6006S1
    107         S2KITEM1                         753.0000   EACH  20  A1      ROW1    BIN1
123  RLL         TRN6006S1
    108         S2KITEM2                         987.0000   EACH  20
123  RLL         TRN6006S1
    109         S2KITEM2                        2345.0000   EACH  20  A1      ROW1    BIN2
123  RLL         TRN6006S1
    110         S2KITEM3                          23.0000   EACH  20
123  RLL         TRN6006S1
    111         S2KITEM3                        5343.0000   EACH  20  A1      ROW1    BIN2
123  RLL         TRN6006S1
    112         S2KITEM4                          63.0000   EACH  20
123  RLL         TRN6006S1
```

Listing Materials That Have an On Hand Balance but No Physical Count

The Materials with On Hand Balance and Zero Physical Count report lists all items that have an inventory balance but no physical count. When you post to on hand, inventory balances for these items are adjusted to zero.

This report includes the following information:

- Company and warehouse
- Product or raw material/resource identifier
- Inventory type
- Storage index
- Frozen quantity

The frozen quantity listed under On Hand Quantity is the quantity for the specified inventory type, which may not be on hand inventory.

Use the menu path below.

- *Physical Inventory*
- *Physical Inventory Reports*
  - *Print Materials with On Hand* [PPO]

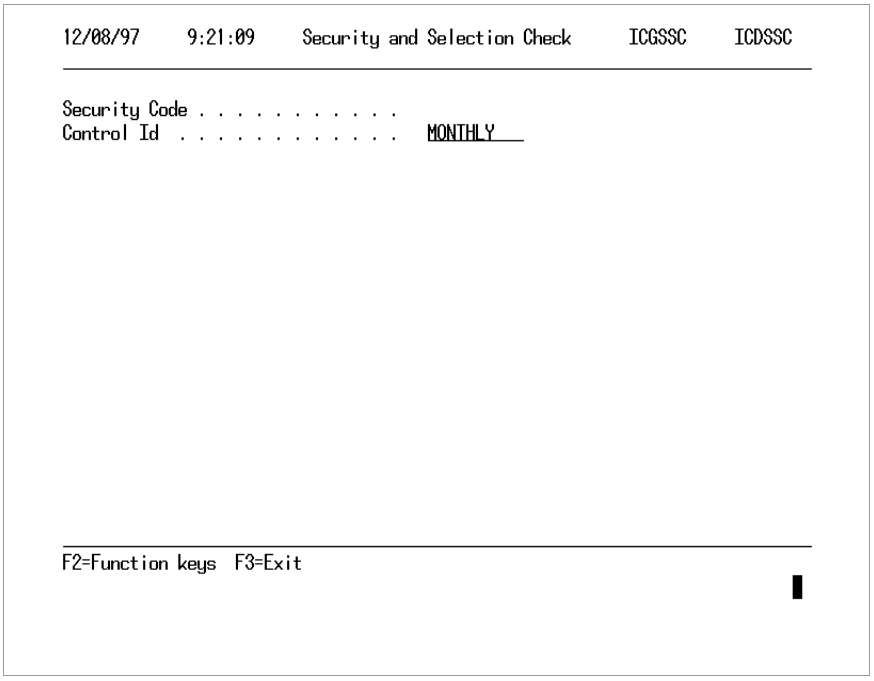


Figure A-26: Security and Selection Check screen

Complete the security fields and press Enter.

A sample report is shown on the next page.

```
ICGZPCR    ICTZPCR                    M A T E R I A L S   W I T H   O N H A N D   B A L A N C E                          PAGE    1
 10/17/97    9:14:21                        A N D   Z E R O   P H Y S I C A L   C O U N T                                AM2000
-------------------------------------------------------------------------------------------------------------------------------
 COMPANY AND WAREHOUSE . . . . . .        3       1
        PRODUCT               SIZE     INVENTORY TYPE                 Row          Shelf         Bin         ONHAND QUANTITY UM

        S2KITEM9                        ON HAND INVENTORY                                                          4.0000  EA
        S2KITEM10                       ON HAND INVENTORY                                                         10.0000  EA
        S2KITEM11                       ON HAND INVENTORY                                                         23.0000  EA
                              ***** RECORDS SELECTED       000003
                                            ********** END OF REPORT **********
```

Printing the Inventory Adjustment Quantity Report

The Inventory Adjustment Quantity report lists the adjustment that the system made to the inventory balance for each item at posting. This report includes the following information:

- Company and warehouse
- Product or raw material/resource identifier
- Inventory type
- Storage index
- Frozen quantity
- Physical count
- Adjustment quantity

The frozen quantity listed under On Hand Quantity is the quantity for the specified inventory type, which may not be on hand inventory.

The system adjusts the inventory quantity to zero for items with no physical count.

Use the menu path below.

- *Physical Inventory*
- *Physical Inventory Reports*
  - *Print Inventory Adjustment Qty* [PIAQ]

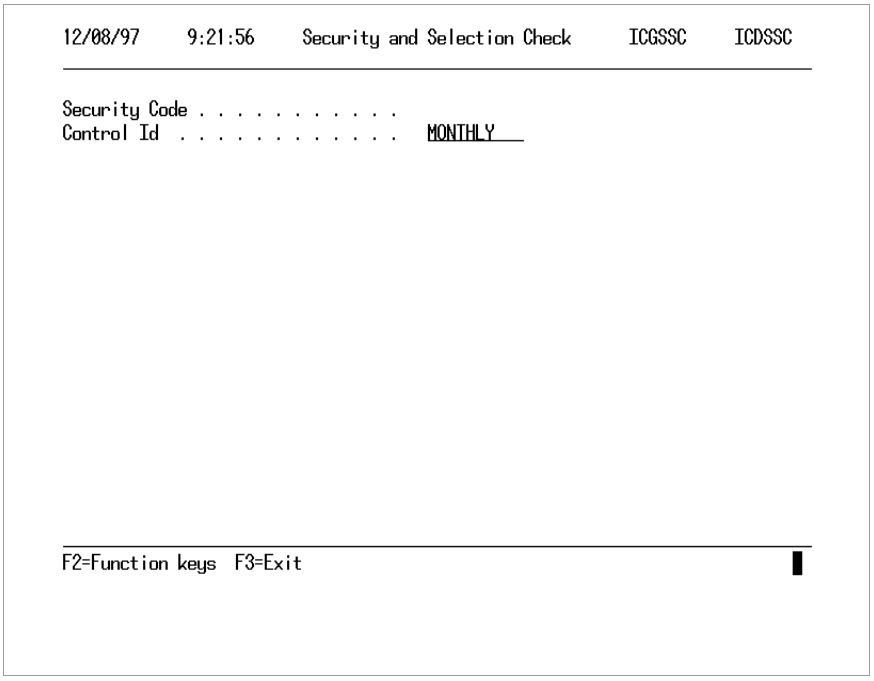


Figure A-27: Security and Selection Check screen

Complete the security fields and press Enter.

A sample report is shown on the next page.

```
ICGIAQR    ICTIAQR                    I N V E N T O R Y   A D J U S T M E N T   Q U A N T I T Y   R E P O R T                            PAGE    1
10/17/97   11:37:43
RLL
---------------------------------------------------------------------------------------------------------------------------------------------------------
------------------------------
 COMPANY AND WAREHOUSE . . . . . .      S2K   S2KW1
                                                                                                                                    ONHAND
PHYSICAL                 ADJUSTMENT
          PRODUCT                  SIZE  INVENTORY TYPE            aisle          row           bin                     QUANTITY    UM            COUNT
UM           QUANTITY    UM
          RAW11                          ON HAND +                                                                      5.0000    GL          1143.0000
GL         1138.0000    GL
          RAW12                          ON HAND +                                                                      5.0000    LB           815.0000
LB          810.0000    LB
          RAW13                          ON HAND +                                                                      5.0000    GL          5212.0000
GL         5207.0000    GL
          RAW2                           ON HAND +                                                                      5.0000    EACH       12768.0000
EACH      12763.0000    EACH
          RAW7                           ON HAND +                                                                      5.0000    GL         10656.0000
GL        10651.0000    GL
          RAW8                           ON HAND +                                                                      5.0000    LB           321.0000
LB          316.0000    LB
          S2KITEM1                       ON HAND +                                                                      5.0000    EACH         469.0000
EACH        464.0000    EACH
          S2KITEM1                       ON HAND +               A1             ROW1          BIN1                      5.0000    EACH        1443.0000
EACH       1438.0000    EACH
          S2KITEM2                       ON HAND +                                                                      5.0000    EACH        2185.0000
EACH       2180.0000    EACH
          S2KITEM2                       ON HAND +               A1             ROW1          BIN2                      5.0000    EACH       11111.0000
EACH      11106.0000    EACH
          S2KITEM3                       ON HAND +                                                                      5.0000    EACH         931.0000
EACH        926.0000    EACH
          S2KITEM3                       ON HAND +               A1             ROW1          BIN2                      5.0000    EACH       12450.0000
EACH      12445.0000    EACH
          S2KITEM4                       ON HAND +                                                                      5.0000    EACH         521.0000
EACH        516.0000    EACH
          S2KITEM6                       ON HAND +                                                                      5.0000    EACH        8680.0000
EACH       8675.0000    EACH
                            ***** RECORDS SELECTED       000014
                                                  ********** END OF REPORT **********
```

Printing the Cost Variance Report

The Cost Variance report lists cost and quantity variances between the physical count and the frozen quantity. Information is presented for each storage index and inventory type for each item.

You can limit the selection by warehouse, inventory type, and material type (raw material/ resources only, products only, or both). You can also specify which cost type is used.

This report includes the following information:

- Warehouse
- Product or raw material/resource identifier
- Storage index
- Inventory type
- Unit cost
- Physical count quantity and extended cost
- Frozen balance and extended cost
- Cost and quantity variances
- Total by inventory type for each item
- Totals at the warehouse and report levels

Use the menu path below.

- *Physical Inventory*
- *Physical Inventory Reports*
  - *Print PI vs On Hand Variance* [PPIOV]

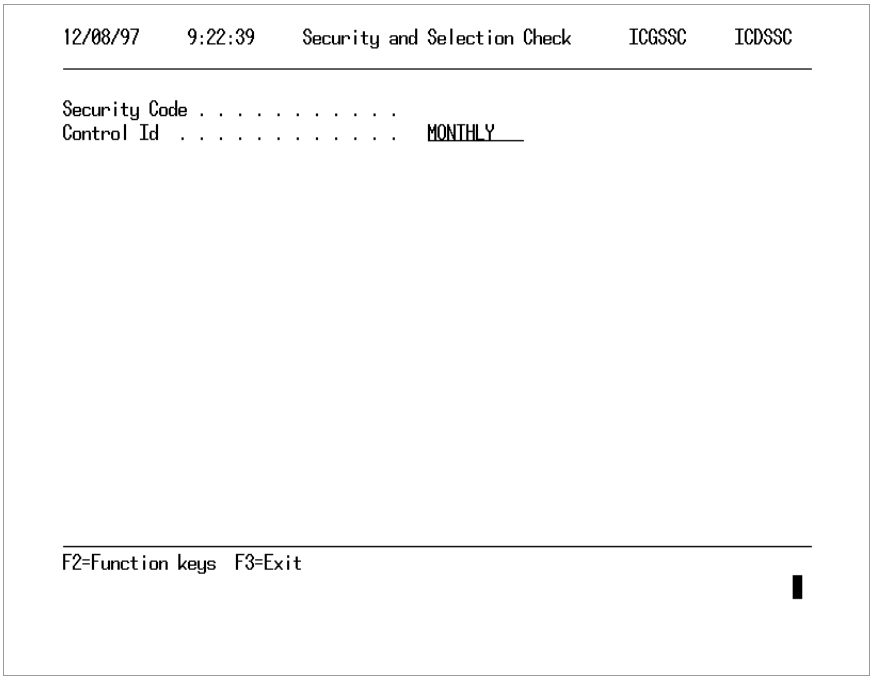


Figure A-28: Security and Selection Check screen

Type your security code and control ID and press Enter.

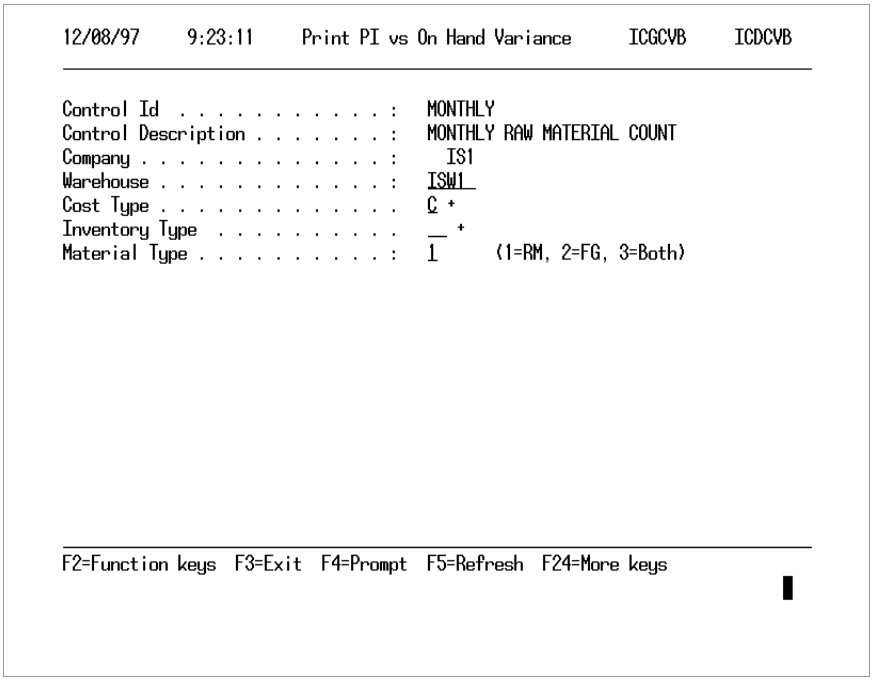


Figure A-29: Print PI vs. On Hand Variance prompt screen

Complete the *Cost Type*, *Inventory Type*, and *Material Type* fields to print a report with criteria other than the default.

When you freeze inventory balances and costs, the system converts items with differing cost and inventory unit of measures to the inventory unit of measure. Variances print in the inventory unit of measure.

A sample report is shown on the next page.

```
ICGCVR     ICTCVR                                         V A R I A N C E   R E P O R T                                                      PAGE    1
10/17/97   11:45:53                                                     (PHYSICAL COUNT VS. FROZEN QUANTITY)
RLL
------------------------------------------------------------------------------------------------------------------------------------------------------
------------------------------
                                                              ---------------QUANTITY---------------                              ----------EXTENSION
COST-------  -----------VARIANCE-------------
 MATERIAL            SIZE aisle        row      bin          PHYSICAL COUNT  UM  FROZEN INVENTORY UM          COST        UM      PHYSICAL     FROZEN
EXTENSION COST      QUANTITY
 RAW11                                                            1143.0000  GL           5.0000  GL                      GL
1138.0000
 PROCESS RAW MATERIAL-water      *** MATERIAL TOTAL ***           1143.0000               5.0000
1138.0000
------------------------------------------------------------------------------------------------------------------------------------------------------
------------------------------
 RAW12                                                             815.0000  LB           5.0000  LB                      LB
810.0000
 PROCESS RAW MATERIAL            *** MATERIAL TOTAL ***            815.0000               5.0000
810.0000
------------------------------------------------------------------------------------------------------------------------------------------------------
------------------------------
 RAW13                                                            5212.0000  GL           5.0000  GL                      GL
5207.0000
 PROCESS RAW MATERIAL-alcohol    *** MATERIAL TOTAL ***           5212.0000               5.0000
5207.0000
------------------------------------------------------------------------------------------------------------------------------------------------------
------------------------------
 RAW2                                                            12768.0000  EACH         5.0000  EACH                    EACH
12763.0000
 RAW MATERIAL #2                 *** MATERIAL TOTAL ***          12768.0000               5.0000
12763.0000
------------------------------------------------------------------------------------------------------------------------------------------------------
------------------------------
 RAW7                                                            10656.0000  GL           5.0000  GL                      GL
10651.0000
 HAZARDOUS RAW MATERIAL #1       *** MATERIAL TOTAL ***          10656.0000               5.0000
10651.0000
------------------------------------------------------------------------------------------------------------------------------------------------------
------------------------------
 RAW8                                                              321.0000  LB           5.0000  LB                      LB
316.0000
 HAZARDOUS RAW MATERIAL #2       *** MATERIAL TOTAL ***            321.0000               5.0000
316.0000
------------------------------------------------------------------------------------------------------------------------------------------------------
------------------------------
```

```
 S2KITEM1                                                  469.0000  EACH         5.0000  EACH         6.000000  EACH  2814.00000   30.00000
2784.000000         464.0000
 S2KITEM1                A1           ROW1     BIN1        1443.0000  EACH         5.0000  EACH         6.000000  EACH  8658.00000   30.00000
8628.000000        1438.0000
 ITEM#1                          *** MATERIAL TOTAL ***     1912.0000              10.0000                           11472.00000   60.00000
11412.000000        1902.0000
-------------------------------------------------------------------------------------------------------------------------------------------------
------------------------------
 S2KITEM2                                                  2185.0000  EACH         5.0000  EACH         8.850000  EACH 19337.25000   44.25000
19293.00000         2180.0000
 S2KITEM2                A1           ROW1     BIN2       11111.0000  EACH         5.0000  EACH         8.850000  EACH 98332.35000   44.25000
98288.100000       11106.0000
 ITEM#2                          *** MATERIAL TOTAL ***    13296.0000              10.0000                          117669.60000   88.50000
117581.100000       13286.0000
```

Printing the Physical Inventory by Material Accumulation Report

The Physical Inventory by Material Accumulation report lists tag and cost information sorted by item, warehouse, and storage index, with totals by item.

You can limit the selection by warehouse, material type, material range, and transaction code. You can also specify the cost type and cost codes to be used.

This report includes the following information:

- Warehouse
- Product or raw material/resource identifier
- Storage index
- Quantity from tag
- Unit and extended costs
- Tag and control batch numbers
- Indicator for tags in error
- Totals at the warehouse, item, and report levels

Use the menu path below.

- *Physical Inventory*
- *Physical Inventory Reports*
  - *Print Material Accumulation* [DPA]

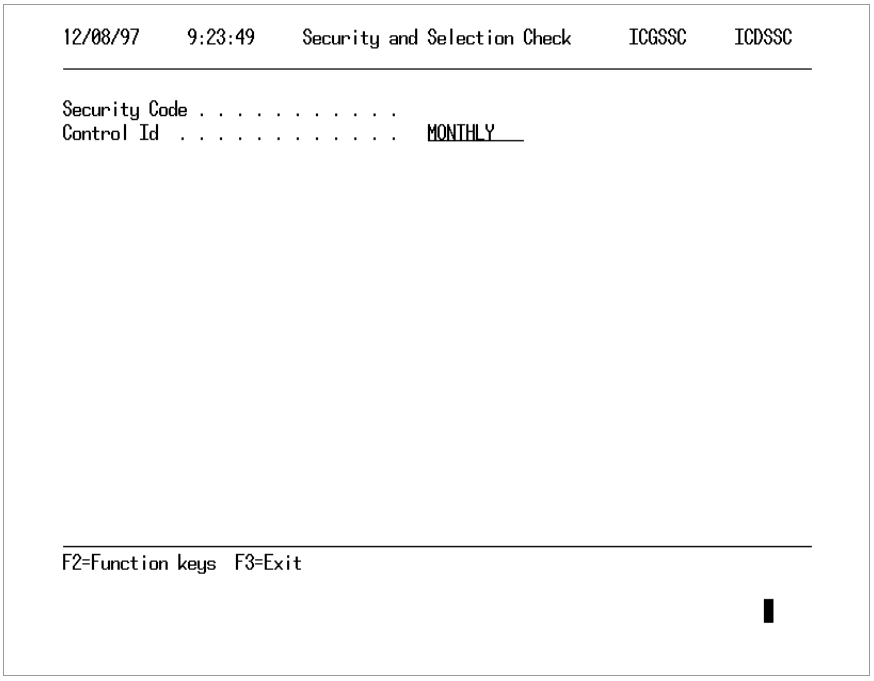


Figure A-30: Security and Selection Check screen

Type your security code and control ID and then press Enter.

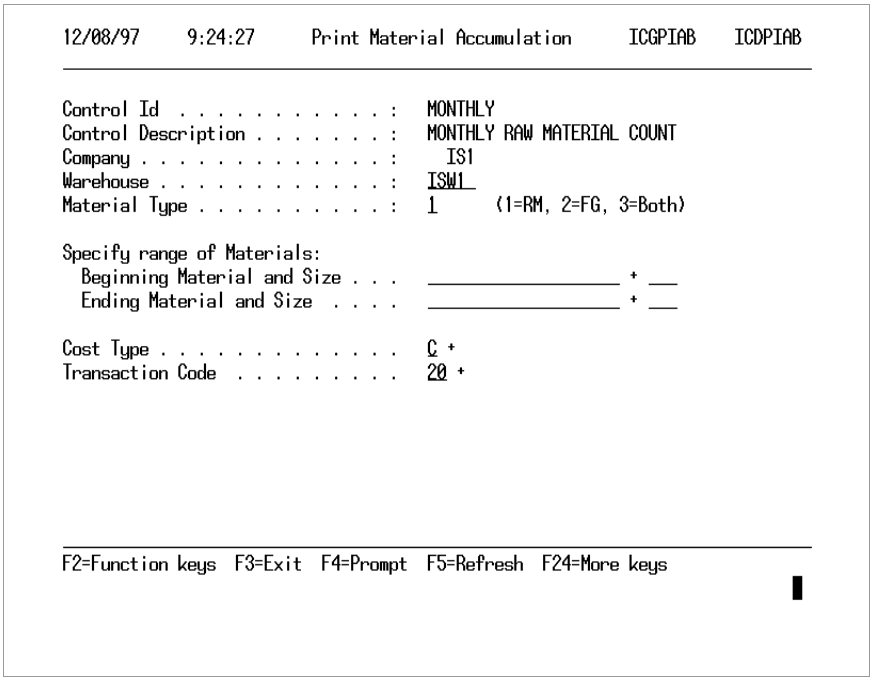


Figure A-31: Print Material Accumulation prompt screen

Press F7 (Cost Code) to access the Cost Code selection screen, where you can select cost codes to include. The default is that the cost includes all cost codes.

Remember that you define cost codes using the Infinium CA *Work with Cost Code* option. Examples of cost codes you can define include **R** for raw material cost and **L** for labor.

A sample report is shown on the next page.

```
ICGPIAR    ICTPIAR                PhY S I C A L   I N V E N T O R Y   B Y   M A T E R I A L   A C C U M U L A T I O N                        PAGE    1
10/17/97   11:45:56
RLL
------------------------------------------------------------------------------------------------------------------------------------------------------------
------------------------------
         PRODUCT                SIZE  aisle          row            bin                 QUANTITY    UM          COST / UNIT    UM  EXTENSION COST
TAG   CONTROL BATCH    ERROR
         RAW11                                                                          234.0000    GL                         GL
100        123
         RAW11                                                                           75.0000    GL                         GL
114        123
         RAW11                                                                          834.0000    GL                         GL
200        123
                         S2KW1    WAREHOUSE TOTAL
 PROCESS RAW MATERIAL-water       *** HASH TOTAL ***
------------------------------------------------------------------------------------------------------------------------------------------------------------
-----------------------------
         RAW12                                                                          543.0000    LB                         LB
101             123
         RAW12                                                                           37.0000    LB                         LB
115             123
         RAW12                                                                          235.0000    LB                         LB
201             123
                         S2KW1    WAREHOUSE TOTAL
 PROCESS RAW MATERIAL             *** HASH TOTAL ***
------------------------------------------------------------------------------------------------------------------------------------------------------------
---------------------------
         RAW13                                                                         1234.0000    GL                         GL
102             123
         RAW13                                                                         3254.0000    GL                         GL
116             123
         RAW13                                                                          724.0000    GL                         GL
202             123
                         S2KW1    WAREHOUSE TOTAL
```

Printing the Physical Inventory by Warehouse Report

The Physical Inventory by Warehouse report presents the same information as the Physical Inventory by Material Accumulation report, but it is sorted by warehouse and item rather than by item and warehouse.

You can limit the selection by warehouse, material type, material range, tag range, sort code, and transaction code. You can also specify the cost type and cost codes to be used.

This report includes the following information:

- Warehouse
- Product or raw material/resource identifier
- Storage index
- Quantity from tag
- Unit and extended cost
- Tag and control batch numbers
- Indicator for tags in error
- Totals at the item, warehouse, and report levels

Use the menu path below.

- *Physical Inventory*
- *Physical Inventory Reports*
  - *Print by Warehouse* [DW]

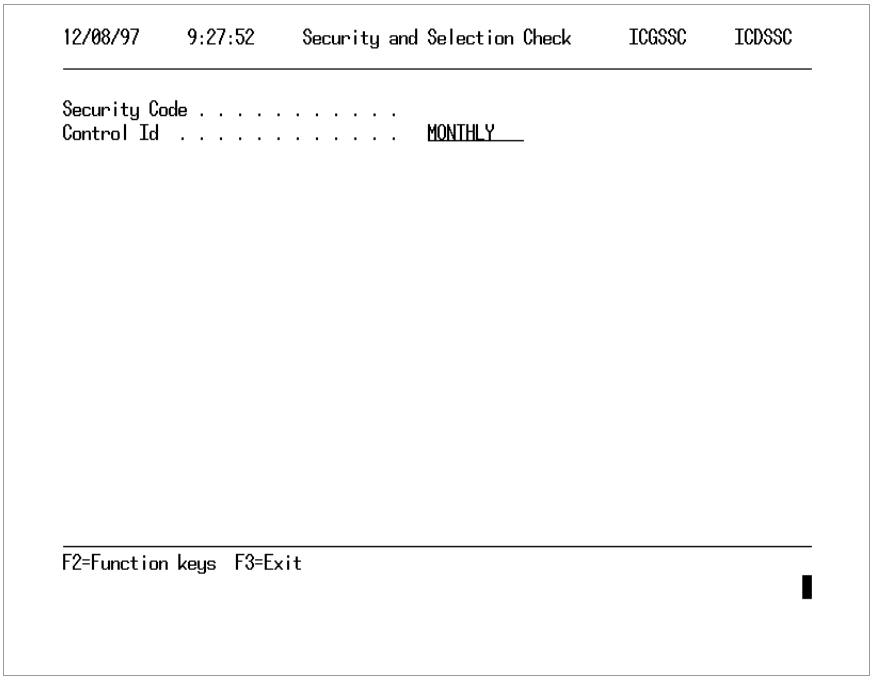


Figure A-32: Security and Selection Check screen

Complete the *Security Code* and *Control Id* fields and press Enter.

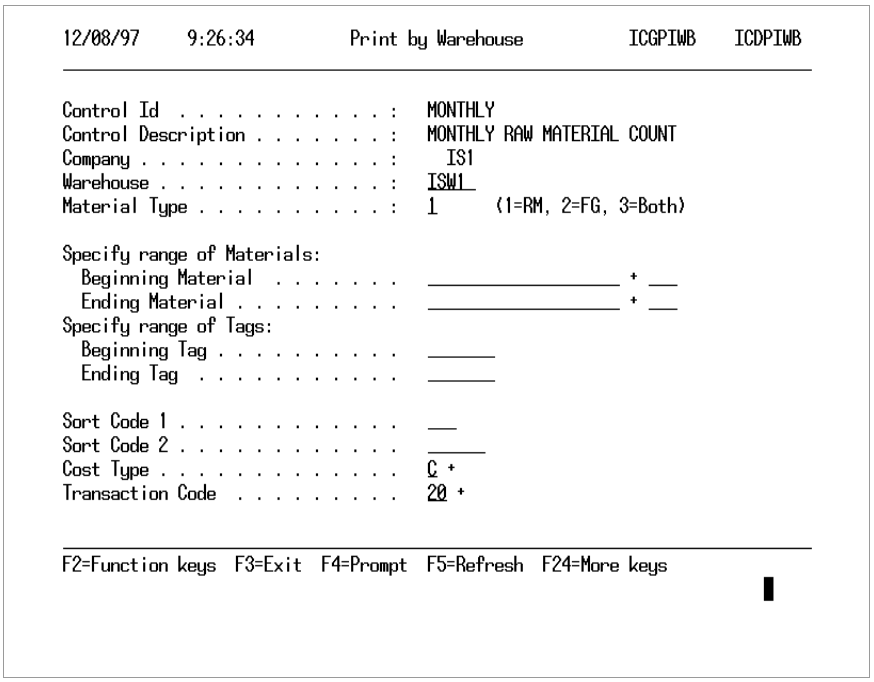


Figure A-33: Print by Warehouse prompt screen

Press F7 (Cost Code) to access the Cost Code Selection screen, where you can select cost codes to include. The default is that the cost includes all cost codes.

A sample report is shown on the next page.

ICGPIWR ICTPIWR P H Y S I C A L I N V E N T O R Y B Y W A R E H O U S E PAGE 1
10/17/97 11:45:56
RLL

TAG	PRODUCT CONTROL	BATCH	ERROR	SIZE	aisle	row	bin	QUANTITY	UM	COST / UNIT	UM	EXTENSION COST
	RAW11							234.0000	GL		GL	
100		123										
	RAW11							75.0000	GL		GL	
114		123										
	RAW11							834.0000	GL		GL	
200		123										
				*** HASH TOTAL ***								
	RAW12							543.0000	LB		LB	
101		123										
	RAW12							37.0000	LB		LB	
115		123										
	RAW12							235.0000	LB		LB	
201		123										
				*** HASH TOTAL ***								
	RAW13							1234.0000	GL		GL	
102		123										
	RAW13							3254.0000	GL		GL	
116		123										
	RAW13							724.0000	GL		GL	
202		123										
				*** HASH TOTAL ***								
	RAW2							765.0000	EACH		EACH	
103		123										
	RAW2							9767.0000	EACH		EACH	
117		123										
	RAW2							2436.0000	EACH		EACH	
203		123										
				*** HASH TOTAL ***								
	RAW7							986.0000	GL		GL	
104		123										
	RAW7							23.0000	GL		GL	
118		123										
	RAW7							9647.0000	GL		GL	
204		123										
				*** HASH TOTAL ***								

Printing the Physical Inventory by Control Batch Number Report

The Physical Inventory by Control Batch Number report presents the same information as the Physical Inventory by Material Accumulation report, but it is sorted by control batch number and tag rather than by item and warehouse. You can limit the selection by warehouse, material type, control batch number range, and transaction code. You can also specify the cost type and cost codes to be used.

This report includes the following information:

- Control batch and tag numbers
- Warehouse
- Product or raw material/resource identifier
- Storage index
- Quantity from tag
- Unit and extended costs
- Flag for error tags
- Totals at the control batch number and report level

Use the menu path below.

- *Physical Inventory*
- *Physical Inventory Reports*
  - *Print by Batch Control* [DBC]

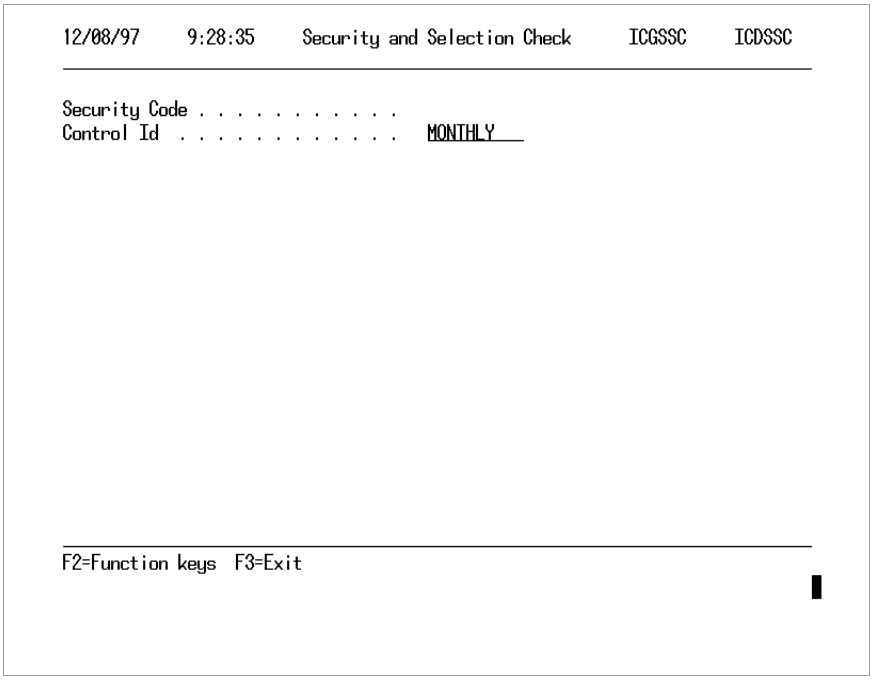


Figure A-34: Security and Selection Check screen

Complete the *Security Code* and *Control Id* fields and press Enter.

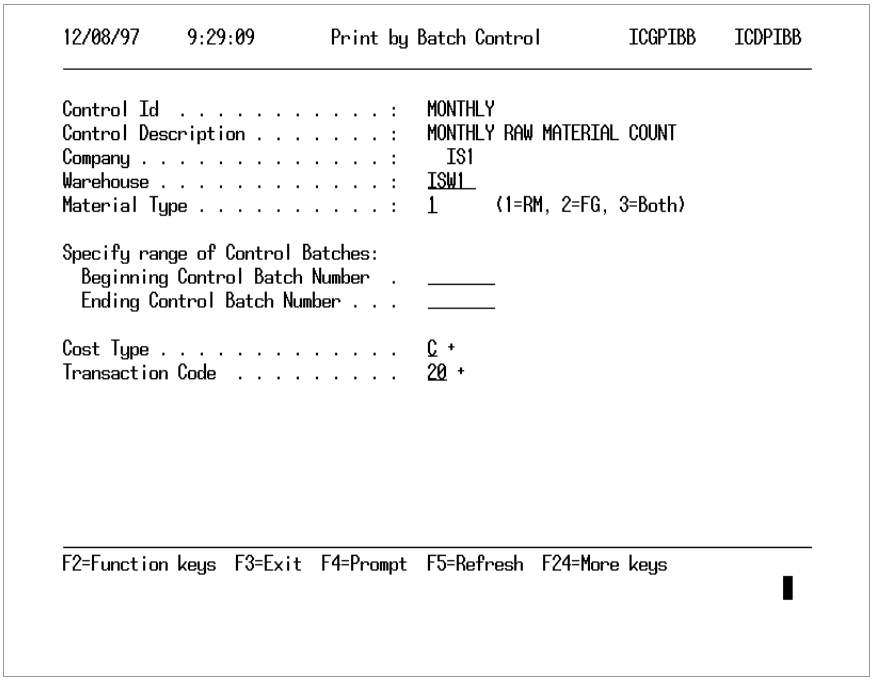


Figure A-35: Print by Batch Control prompt screen

Press F7 (Cost Code) to access the Cost Code selection screen, where you can select cost codes to include. The default is that the cost includes all cost codes.

A sample report is shown on the next page.

ICGPIBR ICTPIBR P H Y S I C A L I N V E N T O R Y B Y C O N T R O L B A T C H N U M B E R PAGE 1
10/17/97 16:56:47
RLL

CONTROL BATCH	TAG	PRODUCT	SIZE	ROW	SHELF	BIN	QUANTITY	UM	COST / UNIT	UM	EXTENSION COST	ERROR
123	100	RAW1	LB				550.0000	LB	4.340032	LB	2387.017600	
123	101	RAW2	GL				65.0000	GL	23.623278	GL	1535.513070	
123	102	S2KITEM1	LB				678.0000	LB	.365385	LB	247.731030	
123	103	S2KITEM2	LB				23.0000	LB	4.340032	LB	99.820736	
123	104	S2KITEM3	GL				234.0000	GL	23.623278	GL	5527.847052	
123	105	S2KFORM1	LB				6.0000	LB	.365385	LB	2.192310	
TOTAL TAGS	6	*** CONTROL BATCH TOTAL ***									9800.121798	
GRAND TOTAL TAGS	6	***** GRAND TOTAL *****									9800.121798	

********** END OF REPORT **********

Printing Pick Lists

Use the *Print Pick Lists* option to indicate picking order. Each item must be an issue or transfer requisition created in Infinium PM or a warehouse transfer order created in Infinium IC. You can select from a transaction list and print either a group of transactions, consolidating all transaction types for a specific item, or choose to print a pick list for each transaction type.

Use the menu path below.

- *Inventory Control*
- *Pick Processing*
  - *Print Pick List* [PPL]

```
12/05/97    14:52:51          Print Pick List           ICGPKP     ICDPKP
                                                                  Page 1 of 5
Type options, press a function key

Company . . . . . .  __IS1 +  INFINIUM SOFTWARE (INSTRUCTOR)
Warehouse . . . . . .  ISW1_ +  INFINIUM WAREHOUSE #1

Pick List Sequence  . . . . . .  1   1=Item
                                     2=Storage Index ascending
                                     3=Storage Index descending
Consolidate Pick List:
  To one pick list  . . . . . .  Y  (Y=Yes, N=No)
  To one pick list per item . . .  N  (Y=Yes, N=No)
  To one pick list per pick type  .  N  (Y=Yes, N=No)
  To one pick list per transaction   N  (Y=Yes, N=No)

Process Issue . . . . . .  N  (Y=Yes, N=No)
Process Transfer  . . . . . .  Y  (Y=Yes, N=No)
Process returns . . . . . .  N  (Y=Yes, N=No)


F2=Function keys  F3=Exit  F4=Prompt  F8=Print  F24=More keys
```

Figure A-36: Print Pick List screen 1

From this screen, you select parameters that format your pick list. You can indicate transaction types to include on the list and the sequence of transactions. You must complete all the fields on this screen.

Type **Y** in only one of the four *Consolidate Pick List* fields and **N** in the remaining three.

To create a particular sequence of items, press F13.

Press F8 to send the pick list to the printer. The system displays a message confirming that the job is in a job queue. When the pick list prints, the system displays a message indicating the date and time that the job completes. You can print from any of the first four Pick List screens.

Printing hard copy pick lists may involve working with system batch jobs that identify what you submit to the printer. This can vary from installation to installation. Your department or your IS department will have specific instructions on printing hard-copy pick lists for your facility.

Sort Codes

The system displays this screen when you press F13 from the Print Pick List screen 1.

```
12/05/97    14:53:27          Print Pick List          ICGPKP     ICDPKP
                                                                 Page 2 of 5
Enter Sort Levels and Field Data
Type options, press ENTER

01=Highest Sort  06=Lowest Sort  (Used for interactive selection sequence only)

    Company . . . . . :    IS1  INFINIUM SOFTWARE (INSTRUCTOR)
    Warehouse . . . . . :  ISW1   INFINIUM WAREHOUSE #1
__  Deliver to  . . . . .  _____________________
__  Transaction ID  . . .  _____________________ +
__  Need Date . . . . . .  _________  to  ________
__  Commodity Code  . . .  ________ +
__  Item Code . . . . . .  _____________________ + ___
__  Aisle . . . . . . . .  ___________ +
    Bin . . . . . . . . .  ________ +
    Lot#  . . . . . . . .  ___________ +


F2=Function keys  F3=Exit  F4=Prompt  F8=Print  F24=More keys
```

Figure A-37: Print Pick List screen 2

Determine sort codes based on a scale of 1–6; that is, 01=Highest Sort, 06=Lowest Sort. The codes you type to the left of each field establish the pick list item sequence and display.

The data you type in the right-hand fields is optional. You complete as many fields as you need. You can press F4 to prompt on the *Transaction ID*, *Commodity Code*, *Item Code* and storage location fields.

Press F8 to print the pick list.

Press F12 to return to the Print Pick List screen 1.

Press F14 to work with items on the pick list.

Defining Your Pick List with Specific Items

The system displays this screen when you press F14 from the Print Pick List Page screen 1 or the Print Pick List Page screen 2.

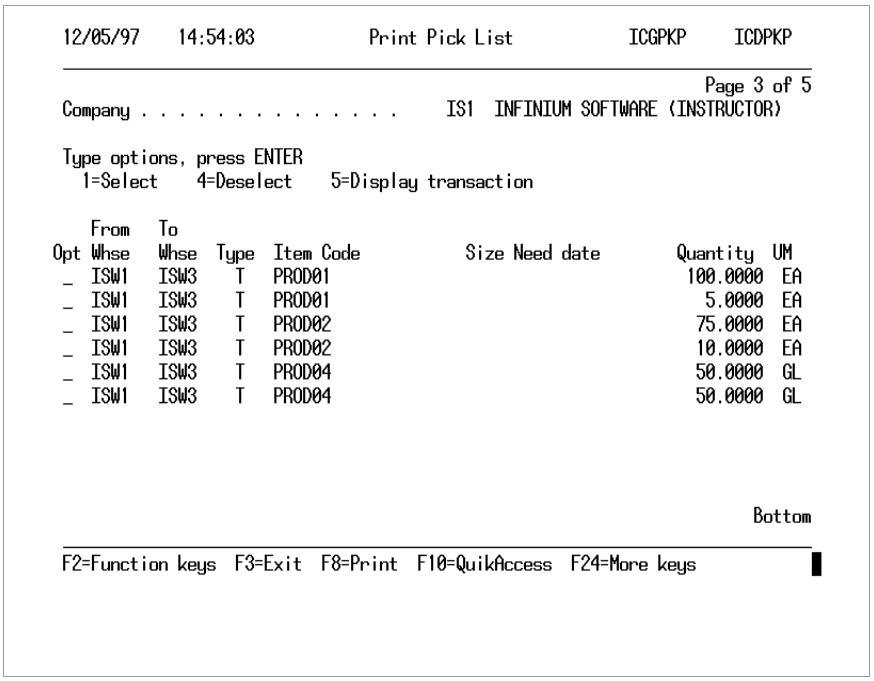


Figure A-38: Print Pick List screen 3

The system displays items on this screen based on the values you type on the previous screens. Use this screen to print pick lists for selected items.

To select an item for printing, type **1** in the *Opt* field. The system highlights selected items. To deselect an item, type **4** in the *Opt* field.

Type **5** in the *Opt* field to display individual transaction details.

Press F20 to shift the display window to the right and display item storage locations.

Press F8 to print pick lists for selected items. When you print pick lists, items on those lists are marked as ready for shipping. You cannot modify transfer orders once items are ready to ship.

Press F12 to return to the Print Pick List screen 2.

Defining Your Pick List with Specific Storage Index Locations

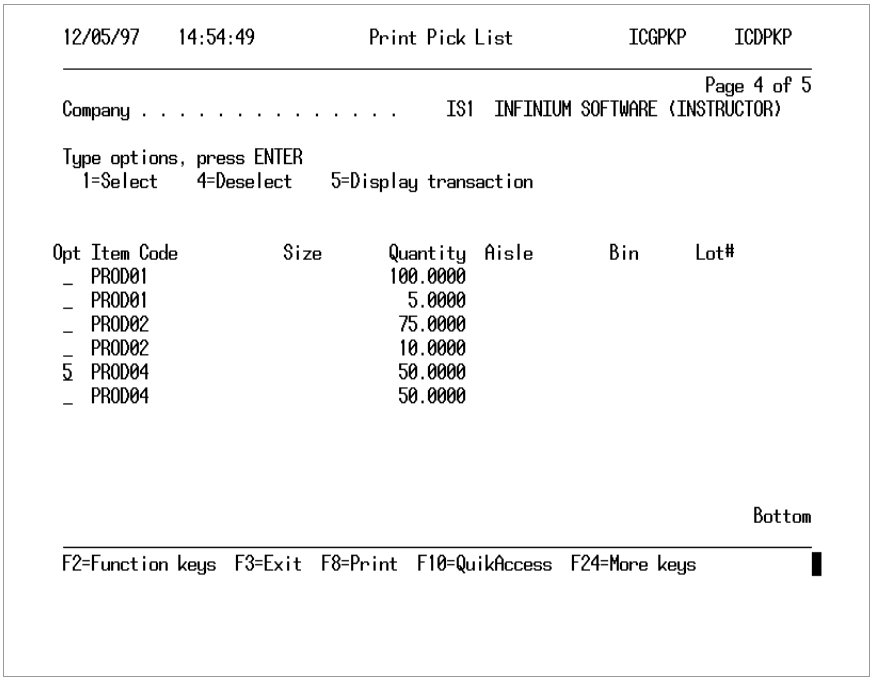


Figure A-39: Print Pick List screen 4

When you press F20 from the Print Pick List screen 3, the system displays the storage index location of each pick list item.

Press F19 to redisplay Print Pick List screen 3.

Press F8 to print.

Viewing Pick Items

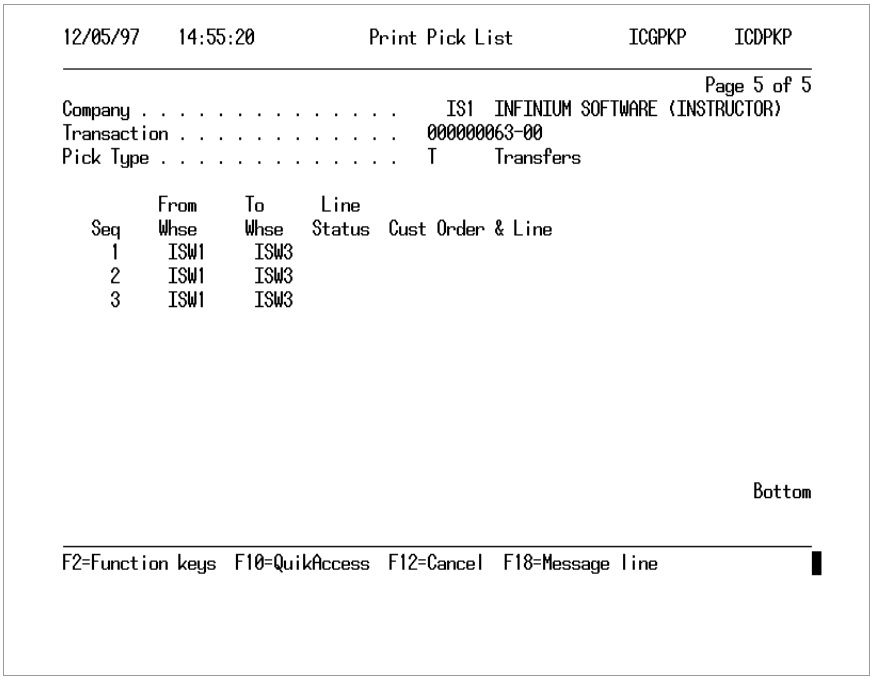


Figure A-40: Print Pick List screen 5

If you type **5** in the field to the left of a transaction line item from the Print Pick List screen 4, you can view individual transactions.

Press Enter to redisplay the pick selection list shown on the Print Pick List screen 3.

Print a pick ticket by pressing F8 from any of the first four Print Pick List screens.

An example of a pick ticket is printed on the following page.

```
ICGPLL     ICTPLL                                P I C K   T I C K E T                                    PAGE    1
10/16/97   14:20:45                                                                                         RLL
 Pick control   :       3055
 From Company   :    S2K
 From Warehouse :  S2KW1      WAREHOUSE "1" (INSTRUCTORS)     Picker         : _________________
-------------------------------------------------------------------------------------------------------------------------
 ITEM / DESCRIPTION                              LOT           SUBLOT       BIN             TO-BE-PICKED   UM     PICKED QTY
 Tran Id / Line               Ship Date          To Comp/Whse    Pick Type   Deliver To               Sales Order/Receipt#/line
-------------------------------------------------------------------------------------------------------------------------
 S2KITEM1                   ITEM#1               A1            ROW1         BIN1                 45.0000   EACH   _________________
 000000987               2   10/13/1997                           Issues
 S2KITEM4                   ITEM#4                                                               456.0000   EACH   _________________
 000000987               3   10/13/1997                           Returns
```

Understanding the Assign Cycle Count Report

The Assign Cycle Count report prints automatically when you complete the *Assign Cycle Count Intervals* option. This report lists the proposed cycle count interval and proposed next cycle count date for each item specified by the control identifier.

This report includes the following information:

- Company and warehouse
- Raw material/resource or product identifier and description
- Stored values for ABC code, cycle count interval, last cycle count date, and next cycle count date
- Proposed values for cycle count interval and next cycle count date

A sample report is shown on the next page.

ICGACCR ICTACCR A S S I G N C Y C L E C O U N T R E P O R T PAGE 1
10/03/97 12:59:24 RLL

Company S2K Warehouse S2KW1

Product	Size	Description	ABC Value	Proposed Cycle Count Interval	Stored Cycle Count Interval	Last Cycle Count Date	Next Cycle Count Date	Proposed Cycle Count Date
RAW1		RAW MATERIAL #1	B	50				11221997
RAW11		PROCESS RAW MATERIAL-water	C	90				1011996
RAW12		PROCESS RAW MATERIAL	C	90				1011996
RAW13		PROCESS RAW MATERIAL-alcohol	C	90				1011996
RAW14		RAW MATERIAL - CAN	C	90				1011996
RAW15		RAW MATERIAL - LID	C	90				1011996
RAW16		RAW MATERIAL - LABEL	C	90				1011996
RAW2		RAW MATERIAL #2	B	50				11221997
RAW3		RAW MATERIAL #3	B	50				11221997
RAW7		HAZARDOUS RAW MATERIAL #1	B	50				11221997
RAW8		HAZARDOUS RAW MATERIAL #2	C	90				1011996
S2KITEM1		ITEM#1	A	30		10031997	10031997	11021997
S2KITEM2		ITEM#2	B	50		10031997	10031997	11221997
S2KITEM3		ITEM#3	A	30		10031997	10031997	11021997
S2KMFGP1	GL	MFG PRODUCT #1	C	90				1011996
S2KMFGP2	LB	MFG PRODUCT #2	C	90				1011996
S2KMFGP3	DR	MFG PRODUCT #3	C	90				1011996

********** END OF REPORT **********

Updating the Item Warehouse File with Cycle Count Dates

When you select this option, the system defaults your entries for the proposed cycle count intervals and dates into the *Cycle Count Interval* and *Next Cycle Count Date* fields in the Item Warehouse file.

Perform this step after you are satisfied with the proposed cycle count intervals and dates that you calculate and print using the *Assign Cycle Count Interval* option.

Perform this step when no one else is accessing the Item Warehouse file.

Use the menu path below.

- *ABC Analysis*
  - *Update Cycle Count Intervals* [UCCI]

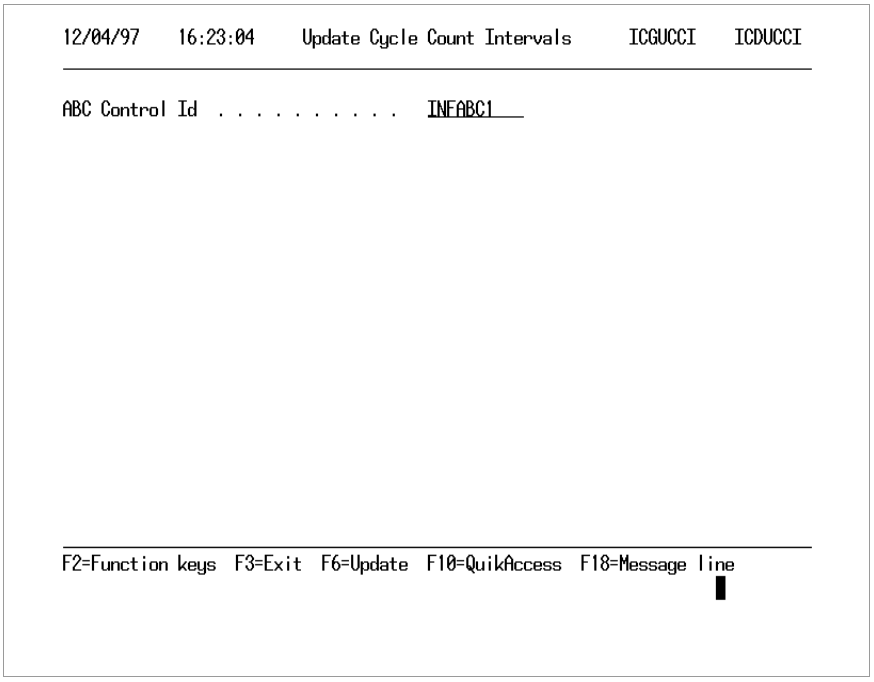


Figure A-41: Update Cycle Count Intervals screen

The system requires an entry in the *ABC Control Id* field. Press F6 to update the Item Warehouse file.

Printing the ABC Detail Report

The ABC Detail report shows the proposed ABC code and calculation information for each item and is sorted by warehouse and item. A cover sheet lists the control identifier and the selections you made for the control identifier using the *Assign ABC Code* option.

This report is the same as the report the *Assign ABC Code* option generates when you type `1` (Detail) in the *Generate Report* field. Print this report any time after you run the *Assign ABC Code* option and before you reset or delete the control identifier.

The ABC Detail report contains the following information:

- Company and warehouse
- Item identifier and description
- Usage or total inventory units (for analysis types `1` and `2`, respectively)
- Unit cost and extended cost units
- Current and proposed ABC codes
- Proposed ABC code change
- Total extended cost units at the warehouse level

An asterisk prints beside lines for which the proposed value differs from the override or stored value. If you update the ABC codes, the system updates the Item Warehouse file with only the lines that have the asterisk.

Use the menu path below.

- *ABC Analysis*
- *ABC Analysis Reports*
  - *Print ABC Detail Report* [PADR]

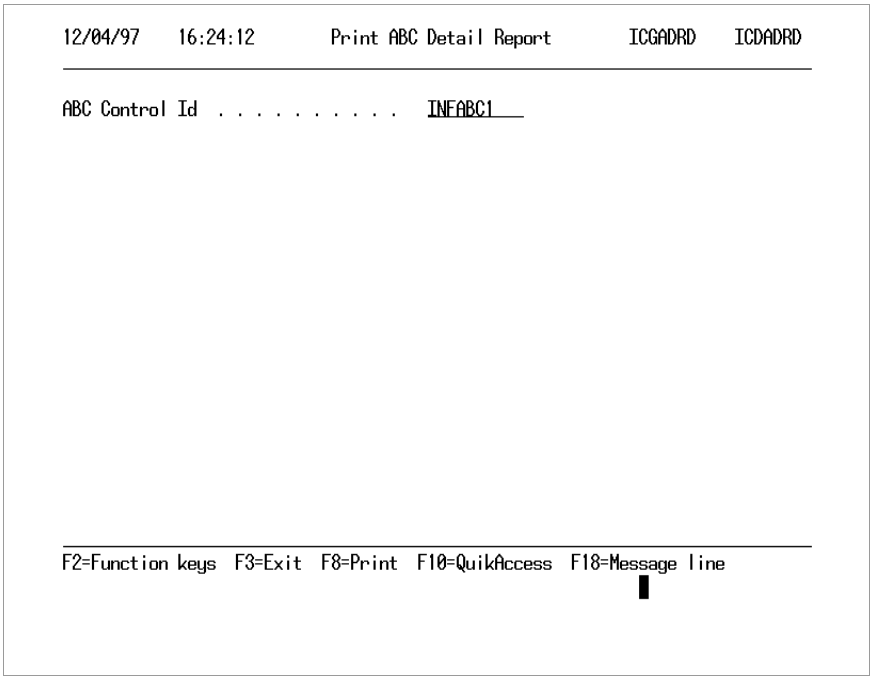


Figure A-42: Print ABC Detail Report screen

The system requires an entry in the *ABC Control Id* field. Press F8 after completing the field.

A sample report is shown on the next page.

ICGADR ICTADR A B C D E T A I L R E P O R T PAGE 1
10/03/97 12:48:24 RLL

Company S2K Warehouse S2KW1

Product	Size	Description	Converted Cost	Total Units	Extended Cost	Units	UM	Props Value	Store Value	Overd Value	Cha nge
RAW1		RAW MATERIAL #1					EACH	B			*
RAW11		PROCESS RAW MATERIAL-water					GL	C			*
RAW12		PROCESS RAW MATERIAL					LB	C			*
RAW13		PROCESS RAW MATERIAL-alcohol					GL	C			*
RAW14		RAW MATERIAL - CAN					EA	C			*
RAW15		RAW MATERIAL - LID					EA	C			*
RAW16		RAW MATERIAL - LABEL					EA	C			*
RAW2		RAW MATERIAL #2					EACH	B			*
RAW3		RAW MATERIAL #3					EACH	B			*
RAW7		HAZARDOUS RAW MATERIAL #1					GL	B			*
RAW8		HAZARDOUS RAW MATERIAL #2					LB	C			*
S2KITEM1		ITEM#1	9.750000	597.0000	5801.2500		EACH	A			*
S2KITEM2		ITEM#2	8.850000	246.0000	2177.1000		EACH	B			*
S2KITEM3		ITEM#3	8.900000	1888.0000	16803.2000		EACH	A			*
S2KMFGP1	GL	MFG PRODUCT #1					GL	C			*
S2KMFGP2	LB	MFG PRODUCT #2					LB	C			*
S2KMFGP3	DR	MFG PRODUCT #3					GL	C			*

Total for Company/Warehouse 24781.5500

********** END OF REPORT **********

Printing the ABC Class Report

The ABC Class report presents the same information as the ABC Detail report, but it includes information for one ABC code only. The report also lists summary information (the number of items, total value, and percentage) for the ABC code.

If you print this report from the *Assign ABC Code* option (by typing **2** in the *Generate Report* field), the system does the following:

- Includes all ABC codes
- Does not include summary information
- Sorts the report by ABC code
- Prints a cover sheet that lists the control identifier and the selections made for the control identifier

You can print this report any time after you run the *Assign ABC Code* option and before you reset or delete the control identifier.

The ABC Class report contains the following information:

- Company and warehouse
- Item identifier and description
- Usage or total inventory units (for analysis types **1** and **2**, respectively)
- Unit cost and extended cost units
- Current and proposed ABC codes
- Proposed ABC code change
- Total extended cost units at the warehouse level
- Number and percentage of items assigned to the ABC code

Use the menu path below.

- *ABC Analysis*
- *ABC Analysis Reports*
  - *Print ABC Class Report* [PACR]

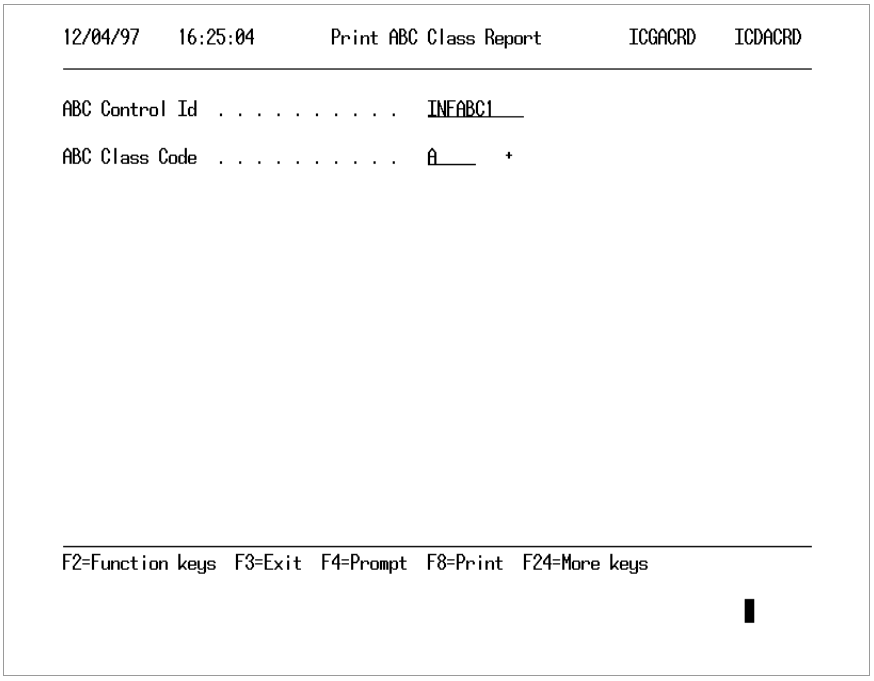


Figure A-43: Print ABC Class Report screen

The system requires entries in both fields on these screens. You must specify an ABC code that you assigned to this control identifier using the *Assign ABC Code* or *Assign Cycle Count Intervals* option. Press F8 after making your entries.

A sample report is shown on the next page.

```
ICGACR     ICTACR                                            A B C   C L A S S   R E P O R T                 PAGE    1
10/04/97   14:40:06                                                                                                RLL
------------------------------------------------------------------------------------------------------------------------------
 Proposed ABC Code       C        Company         S2K    Warehouse     S2KW1
                                                                                                                        Props Store Overd Cha
 Product          Size Description                 Converted Cost        Total Units    Extended Cost Units UM    Value Value Value nge
 RAW11                 PROCESS RAW MATERIAL-water                                                        GL    C     C
 RAW12                 PROCESS RAW MATERIAL                                                              LB    C     C
 RAW13                 PROCESS RAW MATERIAL-alcohol                                                      GL    C     C
 RAW14                 RAW MATERIAL - CAN                                                                EA    C     C
 RAW15                 RAW MATERIAL - LID                                                                EA    C     C
 RAW16                 RAW MATERIAL - LABEL                                                              EA    C     C
 RAW3                  RAW MATERIAL #3                                                                   EACH  C     C
 RAW7                  HAZARDOUS RAW MATERIAL #1         12.45                 325           4046.25     GL    C     C
 RAW8                  HAZARDOUS RAW MATERIAL #2                                                         LB    C     C
 S2KMFGP1          GL  MFG PRODUCT #1                                                                    GL    C     C
 S2KMFGP2          LB  MFG PRODUCT #2                                                                    LB    C     C
 S2KMFGP3          DR  MFG PRODUCT #3                                                                    GL    C     C
                                                                                                                    -----------
 Total for Company/Warehouse                                                                 4046.25
 Total for ABC Code                                                                          4046.25
ICGACR     ICTACR                                           A B C   C L A S S   R E P O R T
10/04/97   14:40:06                                                                                                      RLL
------------------------------------------------------------------------------------------------------------------------------
                            ____________
                            ABC Code                           C                  CLASS CODE C                 *
                            Total Items                            12
                            Total Amount Value                   4046.25
                            Percentage                         70.0000
                                                 ********** END OF REPORT **********
```

Printing the ABC Summary Report

The ABC Summary report lists the number of items, total value, and percentage for each ABC code that you assigned to the control identifier using the *Assign ABC Code* option. Print this report any time after you run the *Assign ABC Code* option and before you reset or delete the control identifier.

This report contains the following information:

- ABC code
- Number of items
- Total value (that is, total extended cost units)
- Percentage

Use the menu path below.

- *ABC Analysis*
- *ABC Analysis Reports*
  - *Print ABC Summary Report* [PASR]

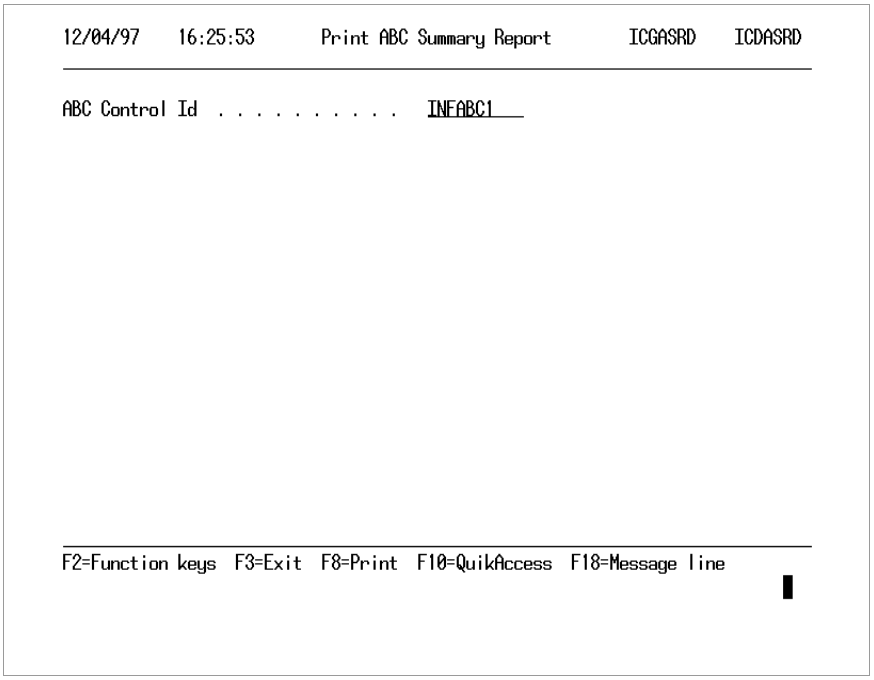


Figure A-44: Print ABC Summary Report screen

The system requires an entry in the *ABC Control Id* field. Press F8 after making your entry.

A sample report is shown on the next page.

```
ICGASR     ICTASR                          A B C   S U M M A R Y   R E P O R T
10/04/97   14:45:32                                                                                                    RLL
------------------------------------------------------------------------------------------------------------------------------------

                            ________________
                            Control Id                          S2KABC1            Software 2000 ABC #1
ICGASR     ICTASR                          A B C   S U M M A R Y   R E P O R T                                          PAGE    1
10/04/97   14:45:32                                                                                                    RLL
------------------------------------------------------------------------------------------------------------------------------------
                            ABC Code                            A                  CLASS CODE A                 *
                            Total Items                              2
                            Total Amount Value                           8298.2500
                            Percentage                          10.0000
                            ABC Code                            B                  CLASS CODE B                 *
                            Total Items                              3
                            Total Amount Value                           2769.0000
                            Percentage                          20.0000
                            ABC Code                            C                  CLASS CODE C                 *
                            Total Items                             12
                            Total Amount Value
                            Percentage                          70.0000

                                           ********** END OF REPORT **********
```

Printing the Cycle Count Report

The Cycle Count report lists the cycle count interval and cycle count dates for each item included in the control identifier you specified. Print this report after you complete the *Update Cycle Count Intervals* option and before you reset or delete the control identifier.

This report includes the following information:

- Company and warehouse
- Raw material/resource or product identifier and description
- ABC code
- Cycle count interval
- Last cycle count date
- Next cycle count date

Use the menu path below.

- *ABC Analysis*
- *ABC Analysis Reports*
  - *Print Cycle Count Report* [PCCR]

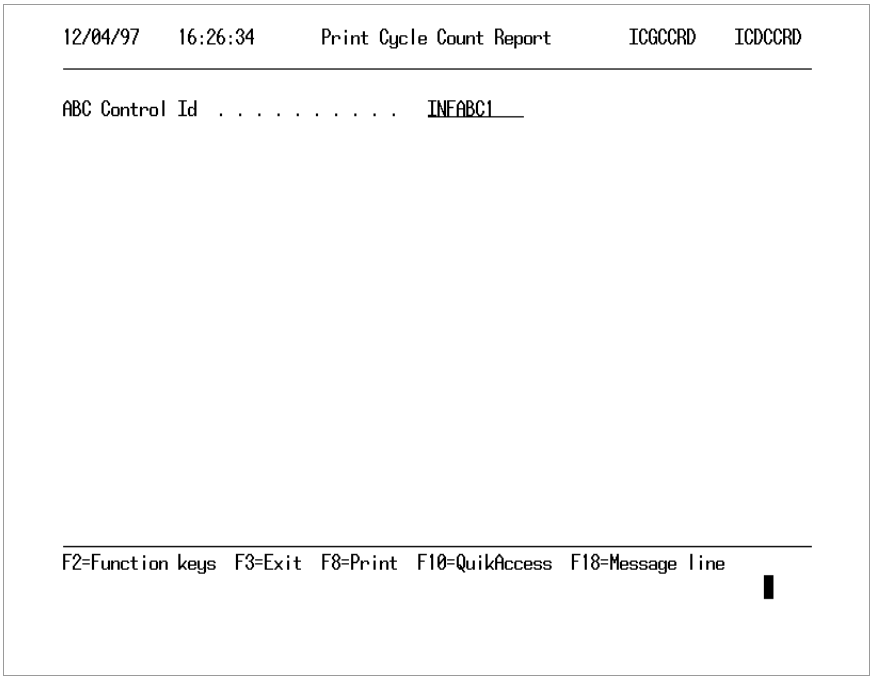


Figure A-45: Print Cycle Count Report screen

The system requires an entry in the *ABC Control Id* field. Press F8 after making your entry.

A sample report is shown on the next page.

```
ICGCCR     ICTCCR                   P R I N T   C Y C L E   C O U N T   R E P O R T
10/19/97    9:53:38                                                                                                  VHR
-----------------------------------------------------------------------------------------------------------------------------------

                            _________________
                            Control Id                         CO2RM              Company 2, Raw Materials
                            ABC Codes & Cycle Count Interval   A       30         CLASS CODE A                 *
                                                               B       60         CLASS CODE B
                                                               C      120         CLASS CODE C



ICGCCR     ICTCCR                   P R I N T   C Y C L E   C O U N T   R E P O R T                          PAGE    1
10/19/97    9:53:38                                                                                                  VHR
-----------------------------------------------------------------------------------------------------------------------------------
 Company          2     Warehouse
                                                                            Stored      Last           Next
                                                                            Cycle       Cycle          Cycle
                                                             ABC            Count       Count          Count
 Product             Size Description                       Value           Interval    Date           Date
 PG-RM1                   Rawmaterial PG-RM1          *     B                 60                     12181996
 PG-RM2                   PG-RM2, raw material 2      *     C                120                      2161996

                                                  ********** END OF REPORT **********
```

Using Reorder Point Processing Reports

You can generate three reports in Reorder Point Processing: the Purchase Product report, the Transfer Products report, and the Manufactured Products report. Generate these reports using the *Create Reorder Point Requirement* option. For more information on this refer to the "Reorder Point Processing" part.

An item can print on any ROP report even if it does not have an inventory record.

Purchase Product Report

The Purchase Product report identifies items that are low in inventory that you normally purchase.

This report lists items in the Item Warehouse file that meet the following criteria:

- Have an entry of `3` in the *Order Strategy* field in the Item Warehouse file
- Contain an entry of `1` or `2` in the *Order Policy Code* field in the Item Warehouse file
- Have the specified buyer and planner codes as indicated on the Create Reorder Point Requirement screen
- Are in the specified item range as indicated on the Create Reorder Point Requirement screen
- Have a `1` in the *Restocking Method* field in the Item Warehouse file
- Have an available quantity less than or equal to the minimum quantity at one or more of the specified warehouses

A sample report follows.

```
ICGRPPR    ICTRPPR                              R E O R D E R:  P U R C H A S E D  P R O D U C T S                          Page 1
11/24/97   11:01:22

Co     Whse  Product     Size Ord  Create  Buyer  Planner   Onhand    Supply    Demand    Safety   Available   Minimum   Suggested  Inv
                           Pol  in PM                                              Stock               Quantity  Quantity   UM


INF    INFW1 PROD01            1    Y                          50.00                              50.00     1000.00    1000.00  EA INF    INFW1
PROD12             2    Y                        1000.00                     250.00   1000.00     1250.00   500.00    EA


**********************************************************END OF REPORT**************************************************************
```

Transfer Products Report

The Transfer Product report identifies items that are low in inventory that you normally transfer from one warehouse to another.

This report lists items in the Item Warehouse file that meet the following criteria:

- Have an entry of `3` in the *Order Strategy* field in the Item Warehouse file
- Have an entry of `1` or `2` in the *Order Policy Code* field in the Item Warehouse file
- Have the specified buyer and planner codes as indicated on the Create Reorder Point Requirement screen
- Are in the specified item range as indicated on the Create Reorder Point Requirement screen
- Have a `2` in the *Restocking Method* field in the Item Warehouse file
- Have an available quantity less than or equal to the minimum quantity at one or more of the specified warehouses

A sample report follows.

ICGRPPR ICTRPPR R E O R D E R: T R A N S F E R P R O D U C T S Page 1
11/24/97 11:03:22

Co	Whse	Product	Size	Ord Pol	Create in PM	Buyer	Planner	Onhand	Supply	Demand	Safety Stock	Available	Minimum Quantity	Suggested Quantity	Inv UM
INF	INFW1	PROD06		1	Y			50.00				50.00	500.00	500.00	EA
INF	INFW1	PROD07		2	Y			1000.00			750.00	1000.00	1100.00	1000.00	EA

**********END OF REPORT**********

Manufactured Products Report

The Manufactured Product report identifies items that are low in inventory that you normally manufacture.

This report lists items in the Item Warehouse file that meet the following criteria:

- Have an entry of `3` in the *Order Strategy* field in the Item Warehouse file
- Have an entry of `1` or `2` in the *Order Policy Code* field in the Item Warehouse file
- Have the specified buyer and planner codes as indicated on the Create Reorder Point Requirement screen
- Are in the specified item range as indicated on the Create Reorder Point Requirement screen
- Have a `3` in the *Restocking Method* field in the Item Warehouse file
- Have an available quantity less than or equal to the minimum quantity at one or more of the specified warehouses

A sample report follows.

ICGRPPR ICTRPPR R E O R D E R: M A N U F A C T U R E D P R O D U C T S Page 1
11/24/97 11:05:23

Co	Whse	Product	Size	Ord Pol	Create in PM	Buyer	Planner	Onhand	Supply	Demand	Safety Stock	Available	Minimum Quantity	Suggested Quantity	Inv UM
INF	INFW1	PROD11		1	Y			50.00				50.00	800.00	800.00	EA
INF	INFW1	PROD12		2	Y			1000.00			750.00	1000.00	1100.00	1000.00	EA
INF	INFW1	PROD14		1	Y			50.00				50.00	580.00	580.00	EA
INF	INFW1	PROD15		2	Y			1000.00			750.00	1000.00	1100.00	1000.00	EA

**********END OF REPORT**********

Reviewing Uploaded Inventory Transactions Reports

The table below identifies the reports the system generates after you upload and process inventory transaction records.

The error reports are the same as those generated for processing issues and returns in Infinium IC. Use the Inventory Transactions Error Exception report to help you troubleshoot upload errors. Typically, errors occur because data is either missing or improperly formatted.

Report Name	Report Information
ICTVPA—Inventory Transaction Audit report	Successful updates to the Inventory Control Production files
ICTVPAB—Inventory Transactions Error Exception report	Work file errors; records that do not update
ICTVPA2—Inventory Transactions Error report from Common Services	Errors preventing updates to Work file (ICPTRNWK)
ICTVPA3—Inventory Transactions Error report from Flat File (ICPTRNFF)	Errors preventing updates to Work file (ICPTRNWK)
ICTITP - Inventory Transaction Purge report	Purged records

A sample of each report follows. For more information on the upload reports refer to the “Uploading Inventory Transactions” appendix.

Inventory Transaction Audit Report

```
ICGITA      ICTITA                              INVENTORY TRANSACTION AUDIT REPORT                                        PAGE 1
2/06/1998   18:58:03                         SUCCESSFUL UPDATES TO THE PRODUCTION FILES

COMPANY:  SOCAL     SOUTHERN CALIFORNIA PRODUCTS

WAREHOUSE:  CURR    CURR  ADDR1
============================================================

         ##TRTN  - REMOTE INVENTORY RETURNS
         ---------------------------------
PRODUCT                          SIZE      STG INDEX 1    STG INDEX 2    STG INDEX 3          QUANTITY      UOM     TRANS DATE     CUR
-------                          ----      -----------    -----------    -----------          --------      ---     ----------     ---
SURFBOARD                        EA                       STGEA2         STGEA3                20.0000   EA                     USD
    # Warning:  Invalid GL account number.

       *   20 - Increase On Hand Inv TRANSACTION TYPE TOTAL                                     20.0000
       **  CURR WAREHOUSE TOTAL                                                                 20.0000

WAREHOUSE:  STND    STND ADDR1
============================================================

         ##TRTN - REMOTE INVENTORY RETURNS
         ---------------------------------
PRODUCT                          SIZE      STG INDEX 1    STG INDEX 2    STG INDEX 3          QUANTITY      UOM     TRANS DATE     CUR
-------                          ----      -----------    -----------    -----------          --------      ---     ----------     ---
ACORNS                           TN        XXX                                                 30.0000   TN                     USD
    # Warning:  Invalid GL account number.
BOOGIEBRD                        EA                       STGEA2         STGEA3                60.0000   DZ                     USD
    # Warning:  Invalid GL account number.
FINS                             DZ                                                           70.0000   BOX                    USD
    # Warning:  Invalid GL account number
SURFBOARD                        EA                                                           25.0000   EA                     USD
    # Warning:  Invalid GL account number

      *   20 - Increase On Hand Inv TRANSACTION TYPE TOTAL                                    185.0000

         ##TISS - REMOTE INVENTORY ISSUES
PRODUCT                          SIZE      STG INDEX 1    STG INDEX 2    STG INDEX 3          QUANTITY      UOM     TRANS DATE     CUR
-------                          ----      -----------    -----------    -----------          --------      ---     ----------     ---
FINS                             DZ                                                           35.0000   BOX                    USD
    # Warning:  Invalid GL account number.

      *  21 - Decrease On Hand Inv TRANSACTION TYPE TOTAL                                     35.0000
```

```
** STND  WAREHOUSE TOTAL                                                    220.0000

*** REPORT TOTAL TRANSACTION QUANTITY                                      240.0000
                                  ************* END OF REPORT **************
```

```
Inventory Transactions Error Exception Report
ICGITA     ICTITAB                        INVENTORY TRANSACTIONS ERROR EXCEPTION REPORT                                  PAGE     1
2/06/1998  18:10:33                              ICPTRNWK WORK FILE ERRORS
                                               THESE RECORDS WERE NOT UPDATED
                                               ------------------------------
COMPANY:     SOCAL    SOUTHERN CALIFORNIA PRODUCTS

WAREHOUSE:   CURR   CURR ADDR1
============================================================
PRODUCT                  SIZE     STG INDEX 1     STG INDEX 2     STG INDEX 3         QUANTITY       UOM    TRANS DATE    CUR    TYPE
-------                  ----     -----------     -----------     -----------         --------       ---    ----------    ---    ----
BOOGIEBRD                EA                       STGEA2          STGEA3                50.0000     DZ                   USD    2
      #  Storage Index is invalid for warehouse

         *   CURR WAREHOUSE TOTAL                                                      50.0000


WAREHOUSE:   FIFO   FIFO ADDR1
============================================================
      # No records exist in the work file for the company SOCAL/warehouse FIFO section.


WAREHOUSE:   LIFO   LIFO ADDR1
============================================================
      # No records exist in the work file for the company SOCAL/warehouse LIFO section.


WAREHOUSE:   LIFO   LIFO ADDR1
============================================================
PRODUCT                  SIZE     STG INDEX 1     STG INDEX 2     STG INDEX 3         QUANTITY       UOM    TRANS DATE    CUR    TYPE
-------                  ----     -----------     -----------     -----------         --------       ---    ----------    ---    ----
ACORNS                   LB                       LOT2            LOT3                  20.0000     LB                   USD    I
     # Invalid value of 'I' in the Increase/Decrease field.  Must be '1' for increase, '2' for decrease.
BOOGIEBRD                EA                                                             30.0000     DZ                   USD    1
     # Specify a valid date.
BOOGIEBRD                CDS                      STG2CDS         STG3CDS               40.0000     DZ                   USD    2
     # The Quantity greater than the Balance in the file for this storage index.
BOOGIEBRD15              CDT                                                             5.0000     DZ                   USD    2
     # The Quantity is greater than the Balance in the file for this storage index.
FINS                     DZ                       STGF2           STGF3                 10.0000     BOX1                 USD1   2
     # UM not defined or conversion not set up.

          *  STND WAREHOUSE TOTAL                                                     105.0000
          ** REPORT TOTAL TRANSACTION QUANTITY                                       155.0000

                           ******************END OF REPORT ********************
```

Inventory Transactions Error Report from Common Services - Example 1

```
ICGITA2     ICTITA2                          INVENTORY TRANSACTIONS ERROR EXCEPTION REPORT                          PAGE  1
2/03/1998  18:02:20                        ERRORS PREVENTING UPDATES TO ICPTRNWK WORK FILE
                                              DATA FROM THE AMPTF COMMON SERVICES FILE
                                             ------------------------------------------

 MEMBER    IC001TEST3
 ------
      TFTRGR     ICERR
           ## Invalid Trigger Keyword for this operation.
      TFTRGR     ICOTHER
           ## Invalid Trigger Keyword for this operation.

                           ********** END OF REPORT *********
```

Inventory Transactions Error Report from Common Services - Example 2

```
ICGITA2     ICTITA2                          INVENTORY TRANSACTIONS ERROR EXCEPTION REPORT                          PAGE   1
2/03/1998  18:02:24                        ERRORS PREVENTING UPDATES TO ICPTRNWK WORK FILE
                                               DATA FROM THE AMPTF COMMON SERVICES FILE
                                               ----------------------------------------

MEMBER    IC001TEST4
------

THERE WERE NO ERORRS IN THIS MEMBER.  THE DATA WAS UPDATED TO THE WORK FILE(S).
                                            ********** END OF REPORT *********
```

Inventory Transactions Error Report from Flat File

```
ICGITA3     ICTITA3                          INVENTORY TRANSACTIONS ERROR EXCEPTION REPORT                        PAGE 1
12/03/1998  17:28:47                        ERRORS PREVENTING UPDATES TO ICPTRNWK WORK FILE
                                              PURGED DATA FROM THE ICPTRNFF FLAT FILE
                                              ---------------------------------------
COMPANY     SOCAL
WAREHOUSE   STND
  PRODUCT                SIZE  STG INDEX 1    STG INDEX 2   STG INDEX 3       QUANTITY       UOM      TRANS DATE     CUR   TYPE
 -------                ----  -----------    -----------   -----------       --------       ---      ----------     ---   ----
  SURFBOARD              EA                   STGEA2        STGEA3            15.5000         DZ      3   4   97             2
          ## Invalid data in numeric field TRN DATE.


COMPANY     SOCAL
 WAREHOUSE   STND
 PRODUCT                SIZE  STG INDEX 1    STG INDEX 2   STG INDEX 3       QUANTITY       UOM      TRANS DATE     CUR   TYPE
 -------                ----  -----------    ----------    ----------        --------       ---      ----------     ---   ----
  BOOGIEBRD              EA                  STGEA2        STGEA3            41.0000         04        00  30             1
          ## Invalid data in numeric field TRN DATE.


COMPANY     SOCAL
 WAREHOUSE   STND
  PRODUCT                SIZE  STG INDEX 1    STG INDEX 2   STG INDEX 3       QUANTITY       UOM      TRANS DATE     CUR   TYPE
  -------                ----  -----------    -----------   -----------       --------       ---      ----------     ----  ----
 SURFBOARD                EA   STREA1         STGEA2        STGEA3                            DZ      03  5   97             2
         ## Invalid data in numeric field TRN DATE.


COMPANY     SO
WAREHOUSE   CAL
 PRODUCT                SIZE  STG INDEX 1    STG INDEX 2   STG INDEX 3       QUANTITY       UOM      TRANS DATE     CUR   TYPE
 -------                ----  -----------    -----------   -----------       --------      -----     ----------     ---   ----
 STND                   BOO   EA             STGEA2        STGEA3                           50       00  4              1
         ## Invalid data in numeric field QUANTITY.
         ## Invalid data in numeric field TRN DATE.

                                                  ********** END OF REPORT *********
```

Inventory Transactions Purge Report

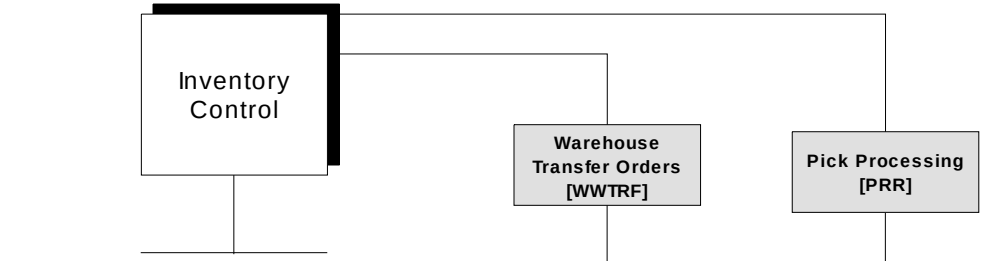
```
ICGITP      ICTITP                              IC TRANSACTIONS WORK FILE PURGE                                        PAGE    1
2/03/1998   17:56:36                    LISTING OF PURGED RECORDS FOR COMPANY: SOCAL  SOUTHERN CALIFORNIA
                                        ----------------------------------------------------------------
WAREHOUSE:  CURR    CURR ADDR1
PRODUCT                     SIZE    STG INDEX 1    STG INDEX 2   STG INDEX 3        QUANTITY     UOM    TRANS DATE    CUR   TYPE
-------                     ----    -----------    -----------   -----------        --------     ---    ----------    ----  ----
SURFBOARD                    EA                    STGEA2        STGEA3             20.0000      EA                         RTN
BOOGIEBRD                    EA                    STGEA2        STGEA3             50.0000      DZ                         ISS

     **   CURR  WAREHOUSE TOTAL                                                     70.0000


WAREHOUSE:  STND    STND ADDR1
PRODUCT                     SIZE    STG INDEX 1    STG INDEX 2   STG INDEX 3        QUANTITY     UOM    TRANS DATE    CUR   TYPE
-------                     ----    -----------    -----------   -----------        --------     ---    ----------    ---   ----
ACORNS                       LB                    LOT2          LOT3               20.0000      LB                         ISS
ACORN                        TN      XXX                                            30.0000      TN                         RTN
BOOGIEBRD                    EA                                                     30.0000                                 RTN
BOOGIEBRD                    EA                    STG2EA        STG3EA             60.0000      DZ                         RTN
FINS                         DZ                                                     70.0000      BOX                        RTN
SURFBOARD                    EA                                                     25.0000                                 RTN
BOOGIEBRD                    CDS                   STG2CDS       STG3CDS            40.0000      DZ                         ISS
BOOGIEBRD15                  CDT                                                     5.0000      DZ                         ISS
FINS                         DZ                    STGF2         STGF3              35.0000                                 ISS
FINS                         DZ                    STGF2         STGF3              10.0000      BOX1                       ISS
         **   STND  WAREHOUSE TOTAL                                                325.0000

# No records exist in the work file for the company SOCAL/warehouse FIFO selection.
       # No records exist in the work file for the company SOCAL/warehouse LIFO selection.

*** TOTAL INVENTORY TRANSACTION QUANTITY                                          395.0000
            *** TOTAL NUMBER OF PURGED RECORDS        12
                                              ********** END OF REPORT *********
```

Notes

Appendix B Infinium Inventory Control Menu Tree

B

This part contains the menu tree for Infinium IC. Those menu options that are preceded with ** are Infinium CA menu options that can also be accessed from the Infinium IC menu.



**Work with Item Warehouse [WWIW]

Work with Mass Activity Entry [WWMAE]

Work with Inventory Repackaging [WWIR]

Work with Issue/Return Req [WWIRR]

Work with Inventory Adjustments [WWIA]

Work with Inventory Transfers [WWIT]

Work with Cost Adjustments [WCA]

Work with Inventory Record [WWIRCD]

**Copy Item Warehouse Records [CIWR]

Create Transfer Orders [CTO]

Modify Transfer Orders [MTO]

Print Pick List [PPL]

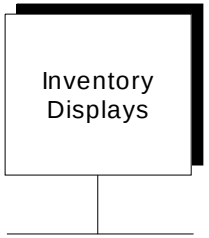
Ship Transfer Orders [STO]

Receive Transfer Orders [RTO]

Print Pick List [PPL]

Reprint Pick List [RPL]

Pick Verify [PV]



Display Available Inventory [DAI]

Display Projected Inventory [DPI]

Display Product Transaction Jrnl [DPTJ]

Display Adjustment Journal [DAJ]

Display RM/ Product History [DRMPH]

Display Inv. by Storage Index [DIBSI]

Display Avail Inv. by Units/Cntr [DAIU]

Display Inventory by Type [DAIBT]

Display Available Inv. by Form [DAIBF]

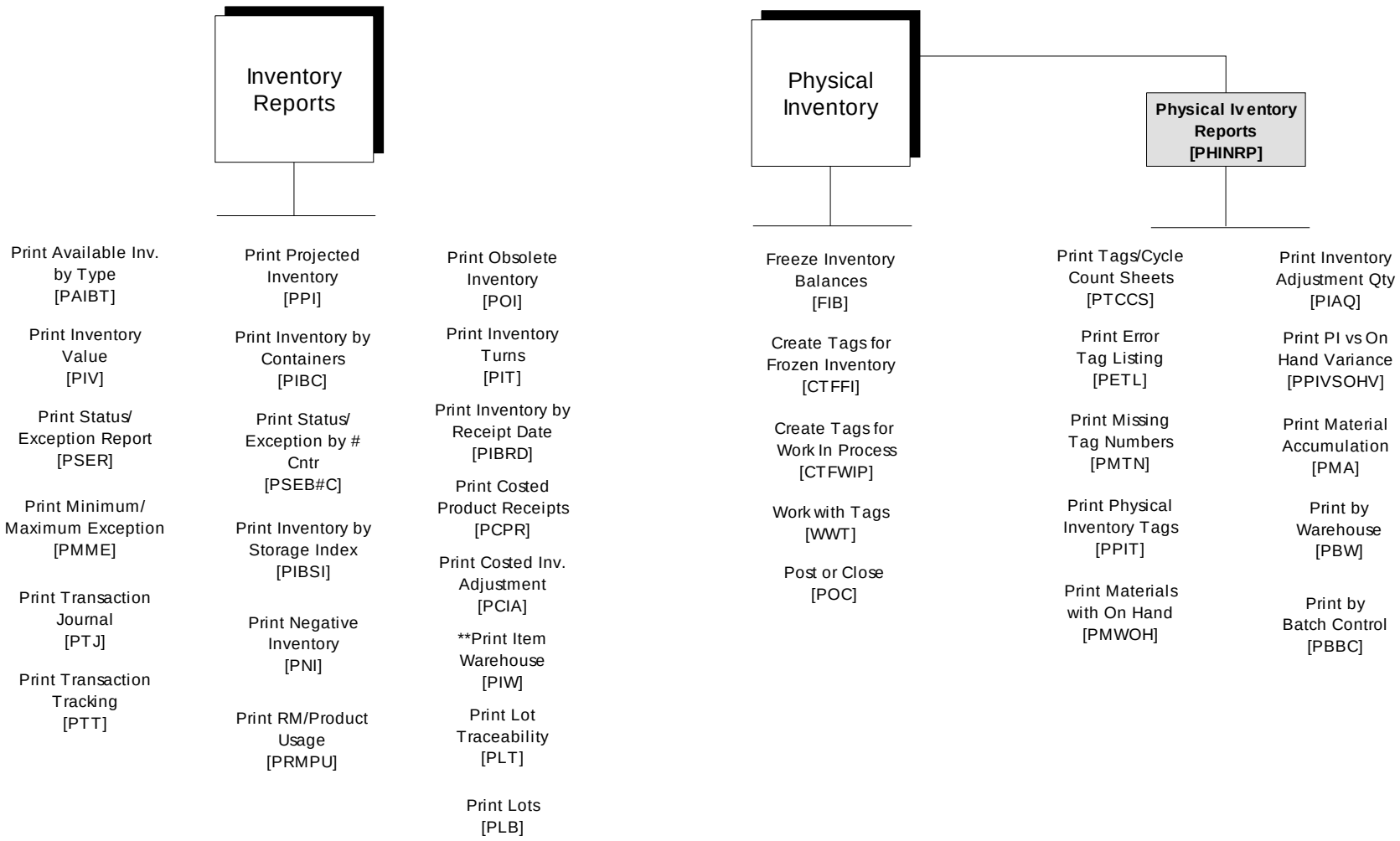
**Display Item Warehouse [DIW]

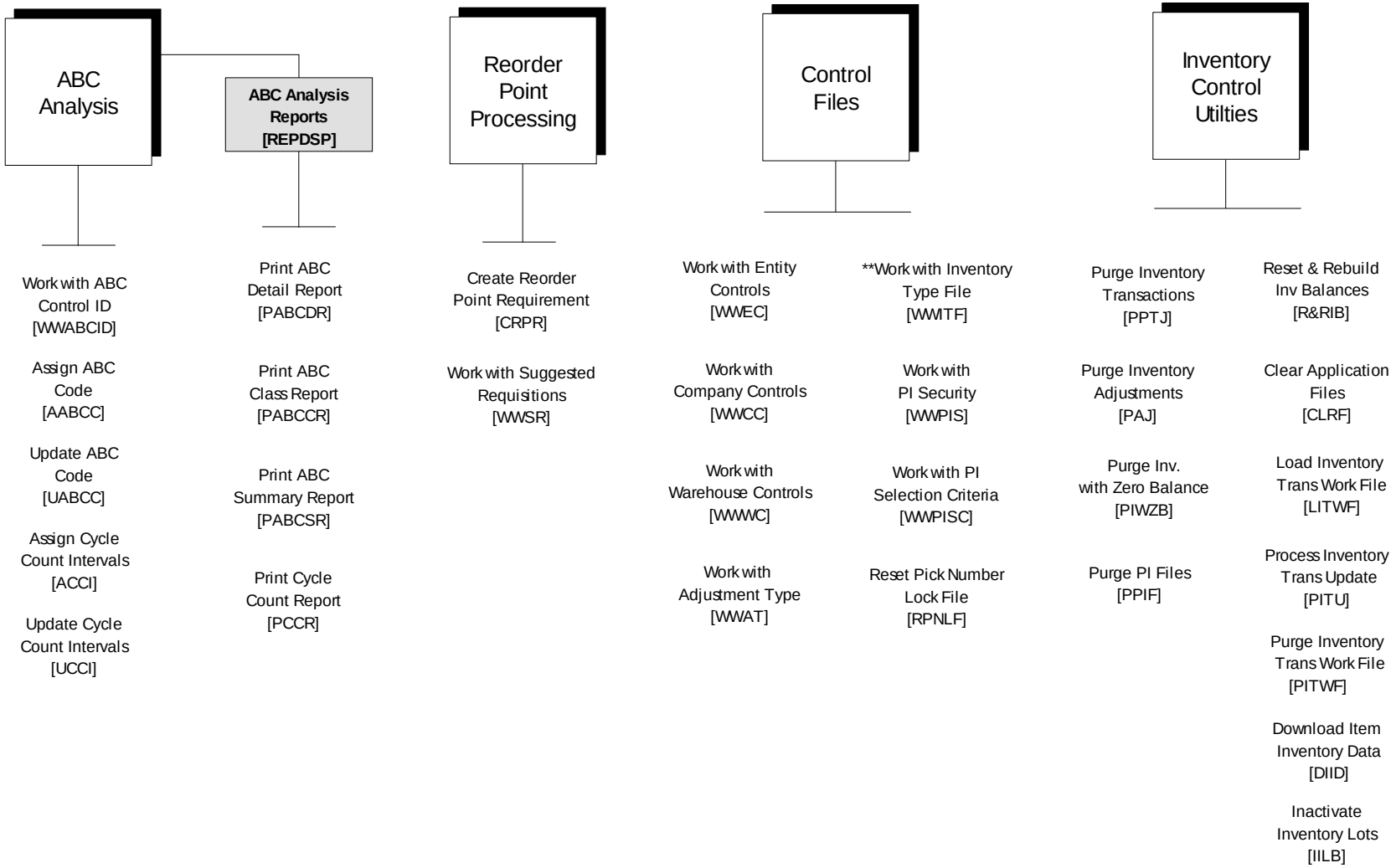
**Display Available To Promise [DATP]

Display Product Availability [DPA]

Display Lots [DLI]

Display Lot Traceability [DLT]


Inventory Reports
Print Available Inv. by Type [PAIBT]
Print Inventory Value [PIV]
Print Status/ Exception Report [PSER]
Print Minimum/ Maximum Exception [PMME]
Print Transaction Journal [PTJ]
Print Transaction Tracking [PTT]
Print Projected Inventory [PPI]
Print Inventory by Containers [PIBC]
Print Status/ Exception by # Cntr [PSEB#C]
Print Inventory by Storage Index [PIBSI]
Print Negative Inventory [PNI]
Print RM/Product Usage [PRMPU]
Print Obsolete Inventory [POI]
Print Inventory Turns [PIT]
Print Inventory by Receipt Date [PIBRD]
Print Costed Product Receipts [PCPR]
Print Costed Inv. Adjustment [PCIA]
**Print Item Warehouse [PIW]
Print Lot Traceability [PLT]
Print Lots [PLB]
Physical Inventory
Freeze Inventory Balances [FIB]
Create Tags for Frozen Inventory [CTFFI]
Create Tags for Work In Process [CTFWIP]
Work with Tags [WWT]
Post or Close [POC]
Physical Inventory Reports [PHINRP]
Print Tags/Cycle Count Sheets [PTCCS]
Print Error Tag Listing [PETL]
Print Missing Tag Numbers [PMTN]
Print Physical Inventory Tags [PPIT]
Print Materials with On Hand [PMWOH]
Print Inventory Adjustment Qty [PIAQ]
Print PI vs On Hand Variance [PPIVSOHV]
Print Material Accumulation [PMA]
Print by Warehouse [PBW]
Print by Batch Control [PBBC]


ABC Analysis
ABC Analysis Reports [REPDSP]
Reorder Point Processing
Control Files
Inventory Control Utilties
Work with ABC Control ID [WWABCID]
Assign ABC Code [AABCC]
Update ABC Code [UABCC]
Assign Cycle Count Intervals [ACCI]
Update Cycle Count Intervals [UCCI]
Print ABC Detail Report [PABCDR]
Print ABC Class Report [PABCCR]
Print ABC Summary Report [PABCSR]
Print Cycle Count Report [PCCR]
Create Reorder Point Requirement [CRPR]
Work with Suggested Requisitions [WWSR]
Work with Entity Controls [WWEC]
Work with Company Controls [WWCC]
Work with Warehouse Controls [WWWC]
Work with Adjustment Type [WWAT]
**Work with Inventory Type File [WWITF]
Work with PI Security [WWPIS]
Work with PI Selection Criteria [WWPISC]
Reset Pick Number Lock File [RPNLF]
Purge Inventory Transactions [PPTJ]
Purge Inventory Adjustments [PAJ]
Purge Inv. with Zero Balance [PIWZB]
Purge PI Files [PPIF]
Reset & Rebuild Inv Balances [R&RIB]
Clear Application Files [CLRF]
Load Inventory Trans Work File [LITWF]
Process Inventory Trans Update [PITU]
Purge Inventory Trans Work File [PITWF]
Download Item Inventory Data [DIID]
Inactivate Inventory Lots [IILB]

Appendix C Understanding Storage Index Validation

C

The appendix consists of the following topics:

Overview

Storage indexes are valid locations within a warehouse where you can store inventory. You can also use storage indexes to assign items to unique identifiers for tracking (such as a batch, lot, or purchase order numbers). The system refers to storage indexes whenever stocking transactions occur for items assigned to those locations.

You can assign one-, two-, or three-part Storage Index codes, depending on the type of information your company uses to identify and track inventory. You can assign Storage Index codes to a company, warehouse, material, and/or *Storage type* (a designated area of a warehouse or type of storage area, such as a freezer).

You can ensure you store items in their proper inventory location using storage index validation. Storage index validation allows you to establish specific storage locations for items or types of items. If you are using storage index validation, you must create your valid storage indexes prior to performing any inventory functions. You create storage indexes using the *Work with Storage Index* option in Infinium CA.

You can also set validation to require all, or parts, of storage index fields be entered each time you stock an item. You can use storage index validation to store items in the following ways:

- In any location
- Only in specifically designated warehouses
- Only in a specific storage index
- Only in designated areas you define by *Storage type*
- Only certain materials in a *Storage type*

You can also establish capacities at individual storage index locations so that you can store only a certain quantity of inventory at a particular location. In combination with capacity, you can set the order in items are put away or stored in valid storage locations.

Establishing Storage Indexes

To establish storage indexes, you must first set up validation parameters in the Infinium CA Entity, Company, and Warehouse Control files; the Item Warehouse file in either Infinium CA or Infinium IC; and the Infinium IC Inventory Type file. You also must establish storage index locations and *Storage types* in Infinium CA. The following table details how to complete the fields in the appropriate files.

Step	File to Set Up	Option to Use
1	Code Table file, *Storage type*	Use the *Work with Code Tables* option in Infinium CA to define storage types.
2	Infinium CA Entity Control file	Use the *Work with Entity Controls* option in Infinium CA to set parameters. If you enable lot control, the system uses the third storage index to track the lot number.
3	Infinium CA Company Control file, Infinium CA Warehouse Control file	Use the *Work with Company Controls* and *Work with Warehouse Controls* options in Infinium CA to set parameters.
4	Item Warehouse file	Use the *Work with Item Warehouse* option in Infinium CA or Infinium IC to set parameters. On the Item Warehouse record you can define a default storage index for an item. You must establish a product or raw material record before you can establish an item warehouse record for an item. You use the *Work with Products* and *Work with Raw/Material Resources* options to establish those records.
5	Inventory Type	Use the *Work with Inventory Type* option in Infinium IC to set parameters.
6	Storage Index	Use the *Work with Storage Index* option in Infinium CA to create storage locations.

Storage Index Validation

You establish storage index validation and the names of the storage indexes at the entity, company, and warehouse levels in Infinium CA. Valid entries for validation parameter fields are:

1 You must enter a valid storage index.

2 The system displays a warning message but you can continue without typing a valid storage index.

3 The system does not perform a validation check.

blank The system resolves the storage index validation at the next highest level of the hierarchy.

Item Warehouse Validation

You specify validation criteria for individual items in the Item Warehouse file only if the type of validation performed is unique or specific to an item. Within the Item Warehouse file you can set validations at the company/warehouse level, the company level, and the entity level. If you leave these validation fields blank, the system looks at the validation fields at the Infinium CA Warehouse, Company, and Entity Control files.

In the Infinium CA Control files, the system follows the warehouse, company, entity hierarchy. If a validation control field is blank, the system moves up the hierarchy. For example, if a storage validation field in the Item Warehouse file is blank (at all levels), the system looks to the Infinium CA Warehouse Control file. If a storage validation field in the Warehouse Control file is blank, the system looks to the Infinium CA Company Control file. And lastly, if the storage validation field in the Company Control file is blank, the system looks to the Infinium CA Entity Control file. However, if at any level in the control files the storage index parameter is **1** or **2**, the system refers to the Inventory Type file for additional validation information.

Inventory Type Validation

The Inventory Type file contains storage index validation parameters for inventory types. With this file, you can override validation set at other levels of the hierarchy for individual inventory types. If you use storage index validation, you generally want to exclude from validation all theoretical inventory types, such as scheduled usage. You want, however, to validate real inventory types, such as on hand.

The validation parameters in the Inventory Type file override the validation parameters in the Item Warehouse file and the Infinium CA control files. The system looks at item warehouse validation parameters first (company/warehouse, company, and then entity), followed by the Infinium CA control file parameters (warehouse, company, and entity).

If the storage index parameter is **1** or **2**, the system refers to the Inventory Type file for validation information on specific types of inventory.

You can override the hierarchy validation for each inventory type by specifying **1**, **2**, or **3** for the specific inventory type. If you specify **3**, the system does not perform any storage index validation for options accessing that inventory type. If the validation parameters in the Inventory Type file are blank, the system uses the validation derived from the hierarchy and the system validates all inventory types.

If the system does not perform any validation at any level, the system does not look at the Inventory Type file for further validation parameters.

Storage Type Validation

You define storage type validation at the Item Warehouse file and in the various Infinium CA Control file levels as discussed previously. You maintain storage types using the *Work with Code Tables* option in Infinium Cross Applications. You establish Code values for the different storage types you want using the **SIT** Storage Index Code type.

Establishing storage index validation for a storage type allows you to specify that a particular product belongs in a specific storage type. For example, if your item is ice cream and you want to keep it in a freezer, you could establish storage type **FREZ**, to represent a freezer and you establish this at the Item Warehouse level.

Validation Hierarchy

This flowchart represents the validation hierarchy the system follows when validating materials entered into storage indexes.

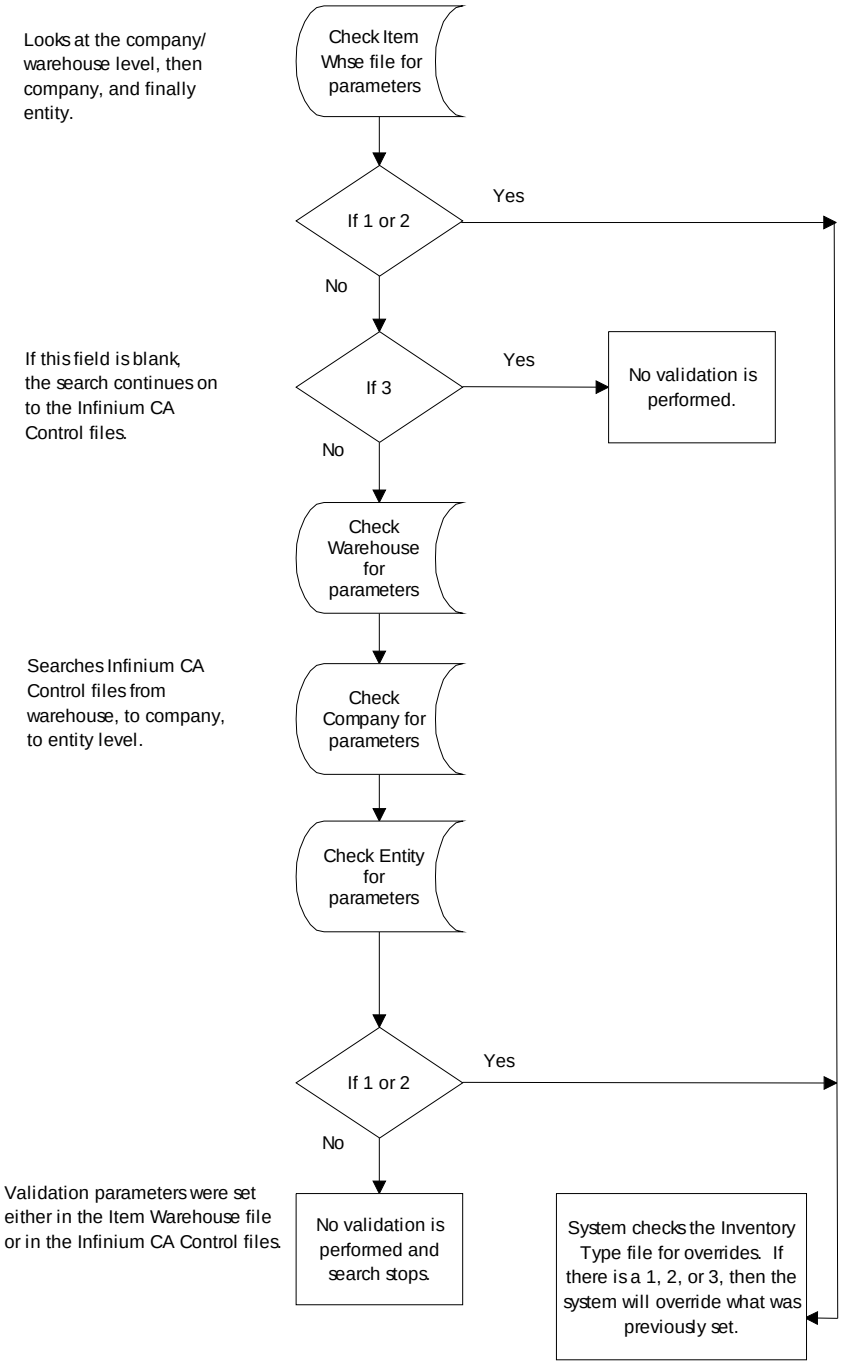


Figure C-1: Validation Hierarchy

Storage Index Examples

Using the *Work with Storage Index* option in Infinium CA, you can create storage indexes that match items you established with various validation parameters, to determine where and how the system stores inventory.

When you create a storage index, you must specify a company and warehouse identifier. You can then specify other parameters the system uses to match items to a storage index. The examples on the next few pages show various combinations of validation parameters and their effects.

As stated earlier, storage index validation follows the Item Warehouse file, Infinium CA Warehouse Control, Company Control, and Entity Control file hierarchy.

The examples below represent a few of the many validation combinations you can establish for your entity, companies, warehouses, and products. Each example is self contained and does not represent how the system operates outside of the specific example shown.

Example 1

To create a storage location for any material at a specific company and warehouse combination, you specify only the *Company* and *Warehouse* fields. In this example, you can store any materials associated with company 1, warehouse 11 in any location within the warehouse, provided you set the materials validation parameters to check for a material, location, or storage type match.

Co.	Whse	Material	Size	SI1	SI2	SI3	Type	Cap.	UM
1	11								

Materials stored in any location must exist in the Product or Raw Materials file. For each material you want stored in this location, specify **3** in the *Store by product* and *Store by Storage type* fields in the Item Warehouse file or Infinium CA Warehouse, Company, and Entity Control files.

Example 2

To store any materials in specific locations and with any other materials within one specific warehouse, you would use only the *Company*, *Warehouse*, and *Storage Index* fields. In this example, you can store any materials associated with company 1, warehouse 11 in LOC1, provided you set the materials validation parameters to check for a material or storage type match.

Depending on whether you validate the first, second, third storage index field or any combination of these fields determines which storage index field you complete. In this example, the system will validate the first storage index field.

Co.	Whse	Material	Size	SI1	SI2	SI3	Type	Cap.	UM
1	11			LOC1					

Materials stored in any location must exist in the Product or Raw Materials file. For each material you want stored in this location, specify **3** in the *Store by product* and *Store by Storage type* fields in the Item Warehouse file or Infinium CA Warehouse, Company, and Entity control files.

Example 3

To store specific materials in specific locations and/or not store them with certain other materials, specify values in the *Company*, *Warehouse*, *Material*, *Size* (if your company uses Size codes as part of the product identifier), and *Storage Index* fields.

In this example, you can store **ACORNS**, **BAGS**, and **PEANUTS** in the **LOC1**. You can store **GASOLINE** in **LOC4** only. **TIES** can be stored in **LOC2**. In addition, any other item that is not validated by material name can be stored in **LOC2**.

Co.	Whse	Material	Size	SI1	SI2	SI3	Type	Cap.	UM
1	11	ACORNS	LB		LOC1				
1	11	BAGS	EA		LOC1				
1	11	PEANUTS	LB		LOC1				
1	11	GAS	GL		LOC4				
1	11				LOC2				

Co.	Whse	Material	Size	SI1	SI2	SI3	Type	Cap.	UM
1	11	TIES	EA		LOC2				

The materials must exist in the Product or Raw Material file. These materials are the only materials valid for their storage locations. For each of these materials specify **1** or **2** in the *Store by product* field and **3** in the *Store by Storage type* field in the Item Warehouse file or Infinium CA Warehouse, Company, and Entity Control files.

Example 4

To store materials in specific locations based on the particular requirements or characteristics of the material, specify values in the *Company*, *Warehouse*, *Storage Index*, and *Type* fields. In this example, the Storage Index type is **FREZ**. Only freezer items validated by storage type and established with the **FREZ** storage type identifier will store in location **LOC1**.

Co.	Whse	Material	Size	SI1	SI2	SI3	Type	Cap.	UM
1	11			LOC1			FREZ		

All materials valid for the specified warehouse and established with a matching storage type are stored in this location. For each material you want stored in this location, specify **3** in the *Store by product* field and **1** or **2** in the *Store by Storage type* field. Specify the storage type (in this example **FREZ**) in the *Storage type* field in the Item Warehouse file or Infinium CA Warehouse, Company, and Entity Control files.

Example 5

To store only specific materials in specific locations based on the particular requirements or characteristics of the material, specify the *Company*, *Warehouse*, *Material*, *Size* (if your company uses size codes as part of the product identifier), *Storage Index*, and *Type* fields. In this example, items **ICE** and **CHICKEN** require cold storage so must keep them in a freezer. Item **POISON** is hazardous and must be kept in a special location apart from food products.

Co.	Whse	Material	Size	SI1	SI2	SI3	Type	Cap.	UM
1	11	ICE	LB		LOC1		FREZ		
1	11	CHICKEN	LB		LOC1		FREZ		
1	11	POISON	GL		LOC4		HAZ		

The materials must be valid for the specified company and warehouse and all materials entered would be the only materials valid for the storage type. For each of these materials, specify **1** or **2** in the *Store by Product* and *Store by Storage type* fields. Specify the assigned storage type in the *Storage type* field in the Item Warehouse file or Infinium CA Warehouse, Company, and Entity Control files.

Example 6

To have material valid only at certain warehouses, specify the *Company*, *Warehouse*, *Material*, and *Size* (if your company uses Size codes as part of the product identifier) fields. In this example, **POPCORN** is only valid at warehouse 11 and **ICE CREAM** is only valid at warehouse 12, but **CHIPS** is valid at both warehouse 11 and 12.

Co.	Whse	Material	Size	SI1	SI2	SI3	Type	Cap.	UM
1	11	POPCORN	LB						
1	11	CHIPS	LB						
1	12	ICE CREAM	GL						
1	12	CHIPS	LB						

The materials are only valid at the warehouses you establish for them. For each of these materials, specify **1** or **2** in the *Store by Product* field in the Item Warehouse file or Infinium CA Warehouse, Company, and Entity Control files.

Example 7

You can establish capacities at individual storage index locations to store only a certain quantity of inventory. In this example, the maximum quantity allowed in location **LOC2** is **1000** gallons. Therefore, if the location's current inventory balance is **300** gallons, the system prevents you from storing

another **750** gallons in this location because it would exceed the location's capacity.

Co.	Whse	Material	Size	SI1	SI2	SI3	Type	Cap.	UM
1	11				LOC2			1000	GL

All materials valid for the specified warehouse can be stored in this location provided the amount you want stored plus the current balance of the storage location does not exceed the capacity you establish. For each material to store in this location, specify **1** or **2** in the *Storage Index Capacity* field. For this example, you specify **3** in the *Store by product* field and **3** in the *Store by Storage type* field in the Item Warehouse file or Infinium CA Warehouse, Company, and Entity Control files.

You can establish a capacity for any storage location and with any combination of matching parameters. For example, in the previous examples, 1 through 5, you could have established a capacity along with the other parameters you specified. When using capacity with other methods of validation, you specify values in the *Store by product* and the *Store by Storage type* fields, and all other validation fields, with the appropriate value (**1**, **2**, or **3**), to perform the validation you determine.

Notes

Appendix D Uploading Remote Inventory Transactions

D

The appendix consists of the following topics:

Overview of Remote Inventory Transaction Data Upload

When you create inventory transactions data external to the AS/400, you can upload this data to the AS/400 from a third-party application file. Infinium IC uses the data to update inventory files. Upload inventory transactions data using a third party file transfer program or Electronic Data Interchange (EDI). If you do not upload data directly to the inventory transactions work file, Infinium MM Release 7.0 and higher releases provide mapping and upload files.

Field Mapping

Before you update inventory transactions data to the AS/400, you must upload the data to the Infinium IC Transaction Work file (ICPTRNWK). You do this in one of three ways:

- Map data and upload directly to the Flat file (ICPTRNFF). Once you run the *Load Inventory Trans Work File* option, the Flat file maps uploaded, prD-formatted data fields to the Work file (ICPTRNWK) fields.
- Follow the Work file (ICPTRNWK) table to map data fields as you format your third party application file and then upload directly to the Work file (ICPTRNWK).
- Map data and upload directly to the Common Services file (AMPTF), and then select the *Load Inventory Trans Work File* option to map AMPTF to the Work file (ICPTRNWK).

Transferring Data to the Work File

The diagram below provides a high level view of how the inventory transaction upload process works to allow maximum flexibility to upload from any system. As the flowchart illustrates, inventory transaction data must be in a Work file before you update Infinium IC files (AMPTF to ICPTRNWK).

Upload and Data Transfer to Infinium IC Files

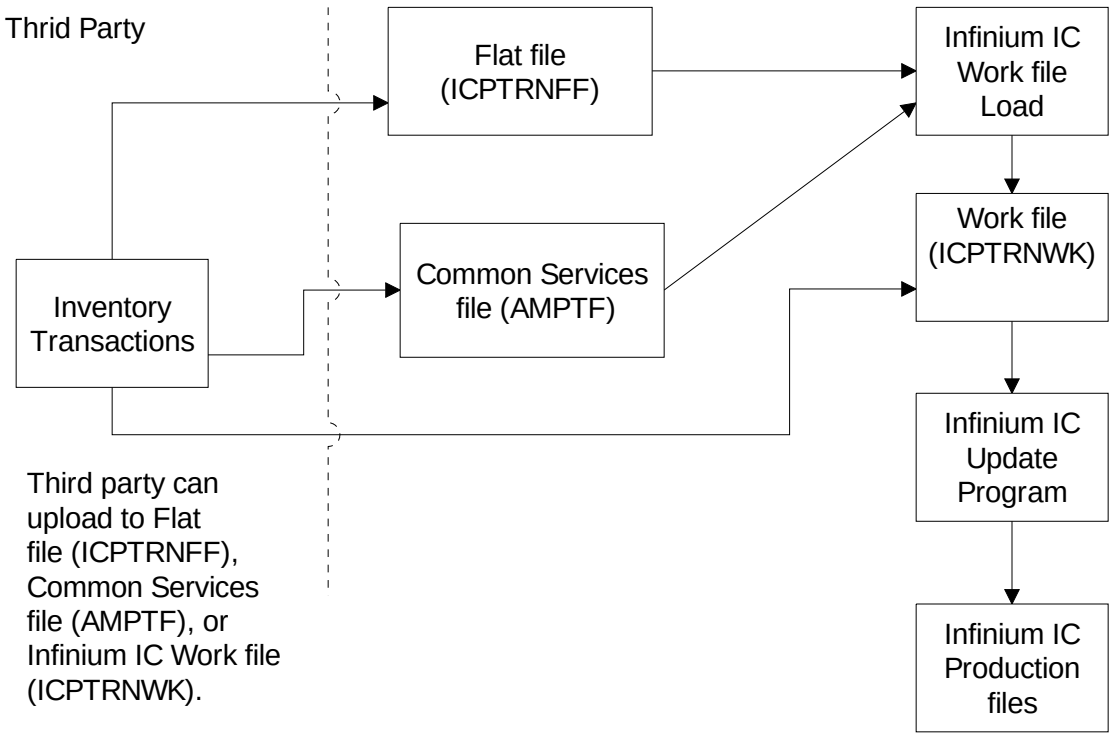


Figure D-1: Inventory Transaction Upload Overview

Once you map your fields, load inventory transaction data from the Flat file (ICPTRNFF), or from the Common Services file (AMPTF). From either of these files, you can then import data to the Infinium IC Work file (ICPTRNWK) using the *Load Inventory Trans Work File* option. After loading data, process records using the *Process Inventory Trans Update* option. Finally, update Infinium IC files.

Access the two options from within the *Inventory Control Utilities* menu.

The Work file (ICPTRNWK) automatically updates inventory production files. You do not have to go back into the system after you upload and complete the usual inventory processing functions. For example, if you upload a decrease to on hand inventory the system updates the Work with Inventory Adjustments header screen accordingly. You can see the uploaded transactions in the Product Transaction Journal.

Load Inventory Transaction Work File

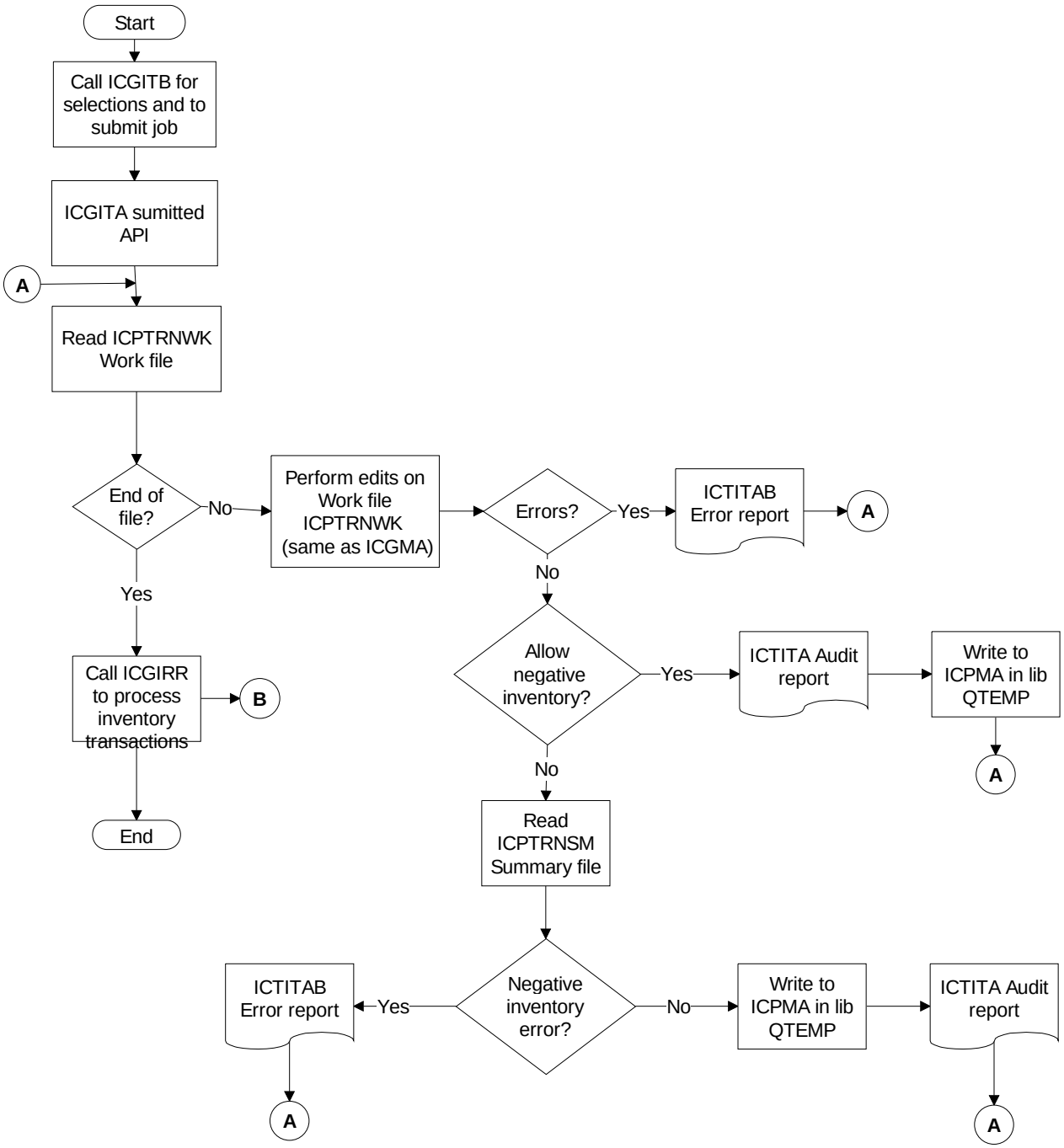


Figure D-2: Load Inventory Transaction Work File Diagram

You can format uploaded Inventory Adjustments to the Work file from either the Flat file (ICPTRNFF) or from the Common Services file (AMPTF).

Update Inventory, Costing, and Account Production Files with Uploaded Transactions

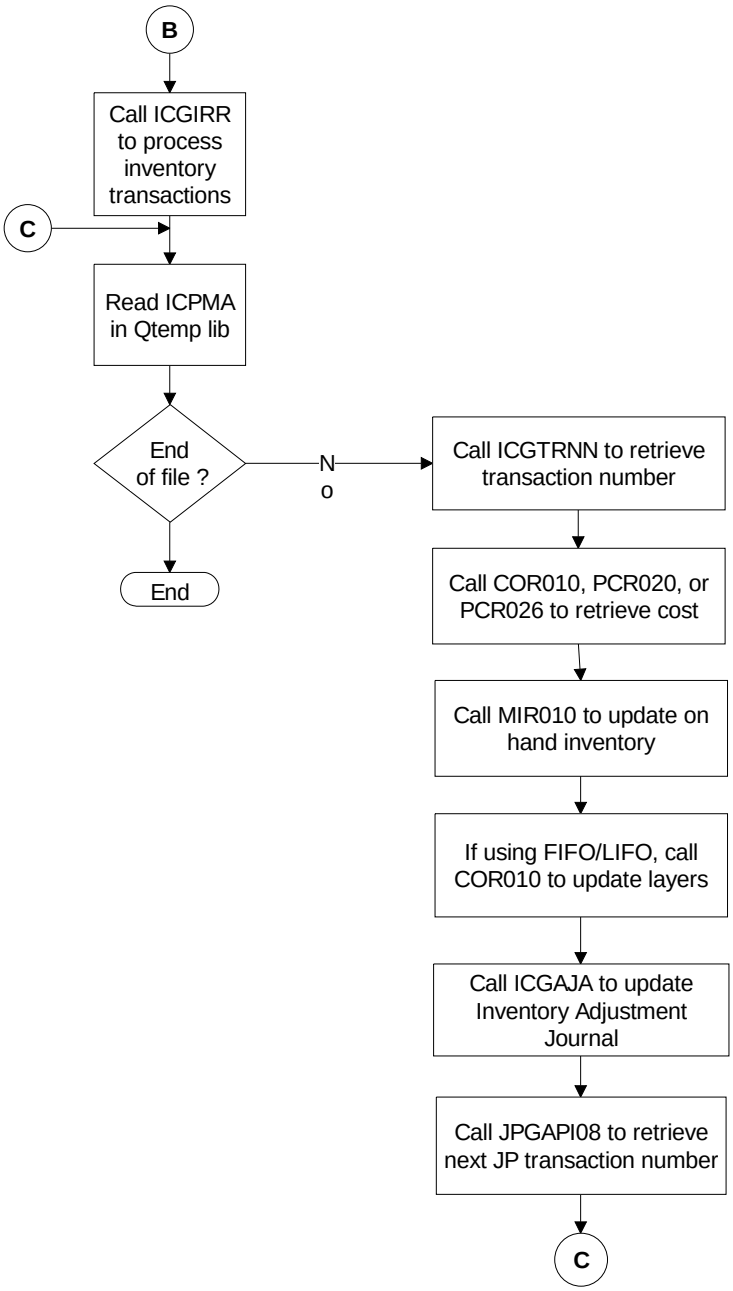


Figure D-3: Performing Updates Diagram

Processing Steps

Refer to the diagrams that precede this checklist for an overview of the entire Remote Inventory Transaction Upload process and associated steps.

Step 1 - Completing Preliminary Setup

Before you upload data you must complete some tasks.

In order for the AS/400 to receive your files, you must correctly map inventory transaction data so that it updates the correct fields in Infinium IC.

Step 2 - Uploading Inventory Transactions

If you use the Infinium IC Flat file (ICPTRNFF) to map your fields, verify field mapping and prepare data for upload. After you upload to the Flat file, select the *Load Inventory Tran Work File* option to map data to the ICPTRNWK file.

You can choose to skip the Flat file and map your fields directly to the temporary Common Services Work file (AMPTF) or to the Infinium IC Work file (ICPTRNWK). If you upload to AMPTF, then select the option to map to the ICPTRNWK Work file.

Once you upload the data, select the *Process Inventory Trans Update* option and the system updates inventory cost, accounting, and production files. You do not have to go into the system and process each record. Display, print and edit inventory control records by using the usual inventory control processing options.

Step 3 - Purging Remote Inventory Transaction Records

Use the *Purge Inventory Trans Work File* option to delete existing data in the Work file (ICPTRNWK). The system deletes records based on your screen selections.

Completing Preliminary Setup

Setup Tasks

Perform the following setup tasks:

- Format inventory control transaction data, using one of the field-mapping tables included in this documentation.
- Be sure to save this formatted data to an application file.
- Use a file transfer utility for transferring data. You can use IBM's Client Access or any file transfer protocol (ftp) program.
- Upload to one of three existing Infinium IC:
  - ICPTRNFF (Flat file)
  - ICPTRNWK (Work file)
  - AMPTF (Infinium Common Services file)

You can find all of these files in the integrated base libraries within this application. They reside in the Default Library.

Field Mapping Tables

The following tables illustrate three different ways to map third party application data fields so that they convert to an AS/400-readable format. Format data may require the following:

- Comma delimited format (CSV). This is only for the Flat file.
- Four character year dates; for example, 01/01/2000, not 1/1/00. In addition, be sure to follow the valid date format defined in Infinium CA.
- At least one of the field mapping tables included in this appendix to correctly map data fields.
- All capital letters in mapping both system-required fields and user-defined fields that you designate as required

When mapping, be sure you type the Company code in the *Company* field as it appears in the Infinium IC Company Control file; otherwise, the system will not recognize the code.

General Guidelines for Setting Up Records

You must complete or verify the following setup before you upload inventory transaction data to Infinium IC. If you upload the unit of measure for inventory transactions, it must be valid. If you do not upload the unit of measure, the system defaults the inventory unit of measure into the file. The system returns a fatal error and does not update the system if you attempt to upload an invalid unit of measure. Create and maintain units of measure in Infinium CA.

If you upload currency with your records, it must be valid. If you do not upload currency, the system defaults the company currency default into the file. The system returns a fatal error and does not update the system if you attempt to upload an invalid currency. If you use multiple currency processing, create and maintain Currency codes in Infinium CM.

If you upload to the Common Services Upload file (AMPTF), you must verify that this file has been defined with MAXMBRS (*NOMAX) and SIZE (*NOMAX) and you must create the member when uploading.

Understanding Inventory Transactions Field Mapping

IC Inventory Transaction Flat File (ICPTRNFF) Operation and Field Mapping

ICPTRNFF is a physical file shipped within the Infinium MM Product suite. The file has no defined fields; however, fields must be in the required sequence. Even if your Infinium CA date format is different, you must follow the required sequence for mapping date fields, and the system automatically picks up the format when it processes records. Even if a field is not a required field, the order of the fields in the file must be correct to accomplish accurate mapping.

Data must be in a comma delimited format (CSV). This means data fields must be separated by commas. Use upper-case letters when you type field descriptions and values for all required fields and for all user-defined fields that you designate as required. If your system requires user-defined fields, you must include them in the upload.

In the table that follows, field type A is an Alpha field and field type P is a Packed field.

Flat File Batch Processing

A batch program processes the data in the Inventory Transactions Flat file (ICPTRNFF) and writes the data to the (ICPTRNWK) Inventory Transactions Work file (ICPTRNWK). If there are errors, the data prints on an error report, and the system does not update the Work file for that record in error.

The system writes the current date, time, job number, and program name to the Work file for audit and query functions. The *originator code* field updates as **F** when you update the Work file from the Flat file.

Required Order	Field Description	Required for Upload?	Required value (if any)	Mapped to Field Type	Mapped to Field Size
1	Increase/Decrease Code	Yes	1 = increase 2 = decrease	A	1
2	Company		Must be a valid company		5

Required Order	Field Description	Required for Upload?	Required value (if any)	Mapped to Field Type	Mapped to Field Size
3	Warehouse		Must be a valid warehouse		
4	Product Number		Must be a valid product or raw material		20
5	Product Size code		Must be a valid size code		3
6	Storage Index 1	Yes, if required in IC system	Validations established in Infinium controls		12
7	Storage Index 2	Yes, if required in IC system	Validations established in Infinium controls	A	8
8	Storage Index 3		Validations established required in Infinium IC		12
9	Transaction Quantity	Yes	Must be a positive number greater than zero	P	13.4
10	Quantity Unit of Measure	No	If blank, the Inventory UOM defaults Validations established in Infinium controls	A	4
11	Transaction Day		Defaults current day	P	2.0
12	Transaction Month		Defaults current month		
13	Transaction Century/Year		Defaults current century/year		4.0

Required Order	Field Description	Required for Upload?	Required value (if any)	Mapped to Field Type	Mapped to Field Size
14	Currency	No	For future use. Defaults from the Infinium company controls.	A	3
15	Adjustment Type		For future use. Defaults adjustment type based on Increase/Decrease Code.		6
16	Inventory Transaction Code				2
17	User Defined Alpha 1	No	Required if user field is required in Infinium IC program ICGMA	A	50
18	User Defined Alpha 2				
19	User Defined Alpha 3				
20	User Defined Alpha 4	No	.		
21	User Defined Alpha 5				
22	User Defined Date 1			P	8.0
23	User Defined Date 2				
24	User Defined Date 3				
25	User Defined Date 4				
26	User Defined Date 5				
27	User Defined Quantity 1	No	Required if user field is required in Infinium IC program ICGMA	P	15.4
28	User Defined Quantity 2				

Required Order	Field Description	Required for Upload?	Required value (if any)	Mapped to Field Type	Mapped to Field Size
29	User Defined Quantity 3				
30	User Defined Quantity 4				
31	User Defined Quantity 5				
32	User Defined Numeric 1		For future use	P	17.6
33	User Defined Numeric 2				
34	User Defined Numeric 3				
35	User Defined Numeric 4				
36	User Defined Numeric 5	No	For future use	P	17.6

Inventory Transactions Work File Field Mapping, Operation, and Purge

The Work file (ICPTRNWK) is a physical file. IBM's AS/400 data description specification (DDS) defines the field positions and sizes. If you upload data directly to this file without using the Flat file (ICPTRNFF), your data fields must conform exactly to this layout.

After you map the fields, use the *Process Inventory Trans Update* option in the *Inventory Control Utilities* menu to process this data and update the Infinium IC Production files.

The system deletes uploaded inventory transaction Work file records as they are either updating the inventory, costing, and accounting production files or being written to the Error Exception report. Work file records are not maintainable.

In the table that follows, field type A is an Alpha Field and field type P is a Packed Field.

Field Name	From Pos	To Pos	Field Type	Field Size	Field Description	Required?	Questions/Comments
TRIORD	1	1	A	1	Increase/Decrease Code	Yes	1=increase, 2=decrease
TRCO	2	6		5	Company		Must be a valid company
TRWHS	7	11		5	Warehouse		Must be a valid warehouse
TRPROD	12	31		20	Product Number		Must be a valid product or raw material and be active
TRSIZE	32	34		3	Product Size code		Must be a valid Size code
TRSTG1	35	46		12	Storage Index 1	Yes, if required on system	Validations established in Infinium CA controls
TRSTG2	47	54		8	Storage Index 2		
TRSTG3	55	66		12	Storage Index 3		
TRQTY	67	73	P	13.4	Transaction Quantity	Yes	Must be a positive number greater than zero
TRQUM	74	77	A	4	Quantity Unit of Measure	No	If blank, Inventory UOM is the default. Validations established in Infinium CA controls.
TRTRND	78	82	P	8.0	Transaction Date	No	Today's date is defaulted in if the transaction date is blank or if the Infinium IC Entity Controls are defined to protect the date. Otherwise, the file date and date format are mapped into this field.
TRDFMT	83	85	A	3	Transaction Date Format	No	Valid Values: YMD, MDY, DMY. If a date is mapped into the TRTRND field then the TRDFMT field is required.
TRCUR	86	88			Currency	No	Defaults from the Infinium CA company controls

Field Name	From Pos	To Pos	Field Type	Field Size	Field Description	Required?	Questions/Comments
TRADJT	89	94	A	6	Adjustment Type		For future use. Defaults adjustment type based on Increase/Decrease code
TRTRNC	95	96	A	2	Inventory Transaction Code		
TRUDA1	97	146	A	50	User Defined Alpha 1		Required if user field is required in Infinium IC
TRUDA2	147	196	A	50	User Defined Alpha 2	No	Required if user field is required in Infinium IC
TRUDA3	197	246			User Defined Alpha 3		
TRUDA4	247	296			User Defined Alpha 4		
TRUDA5	297	346			User Defined Alpha 5		
TRUDD1	347	351	P	8.0	User Defined Date 1		
TRUDD2	352	356			User Defined Date 2		
TRUDD3	357	361			User Defined Date 3		
TRUDD4	362	366	P	8.0	User Defined Date 4	No	Required if user field is required in Infinium IC
TRUDD5	367	371			User Defined Date 5		
TRUDQ1	372	379	P	15.4	User Defined Quantity 1	No	Required if user field is required in Infinium IC
TRUDQ2	380	387			User Defined Quantity 2		
TRUDQ3	388	395			User Defined Quantity 3		
TRUDQ4	396	403			User Defined Quantity 4		
TRUDQ5	404	411			User Defined Quantity 5		

Field Name	From Pos	To Pos	Field Type	Field Size	Field Description	Required?	Questions/Comments
TRUDN1	412	420		17.6	User Defined Numeric 1		For future use
TRUDN2	421	429			User Defined Numeric 2		
TRUDN3	430	438	P	17.6	User Defined Numeric 3	No	For future use
TRUDN4	439	447			User Defined Numeric 4		
TRUDN5	448	456			User Defined Numeric 5		
TRUDTE	457	461		8.0	Date Updated		Updated by program
TRUTIM	462	467		8	Updated Time		
TRUSSR	468	477	A	10.0	User Updated		
TRJOB#	478	483		10.0	Job Number		
TRUPGM	484	493	A	10	Updated by Program	No	
TRORIG	494	494		1	Originated From		

Common Services File (AMPTF) Operation and Field Mapping

You can upload remote inventory transaction data directly to the Infinium Common Services file (AMPTF). AMPTF is a multimember file with multiple generic fields. The table below defines the fields that Infinium IC uses to automatically map prD-formatted data to Infinium IC fields.

Use the table as a guide to manually map fields that upload directly to the Common Services file (AMPTF).

Infinium IC uses the mapping shown in the table below to convert the Common Services fields to the Work file. When Infinium IC calls the Infinium Common Services program, the system maps these fields to the Infinium IC fields identified in the table.

If the system receives data into the Common Services AMPTF file for IC Inventory Transactions processing, the field TFTRGR must contain the correct value, **`ICTRN`** for IC transaction updates.

When transferring a file from the client, the user specifies the create member option. The member name must conform to a specific convention consisting of the system, version and user assigned characters (for example, IC000xxxxx). The system uses this information to allow searches for the members by system and version.

You must specify the AMPTF file with MAXMBRS(*NOMAX) and SIZE (*NOMAX).

The record length of AMPTF is 2976 bytes; however, the mapping includes only those fields that are needed for this upload.

When you map the fields, use the *Create Member* option to create a member in the AMPTF file. The system can process a maximum of 99 members at one time. The member name must conform to a specific convention consisting of the system, version, and user assigned characters; that is, SSVVVxxxxx; where:

- SS = System designator; for example, IC
- VVV = System version; for example, 000
- xxxxx = Characters you choose; for example, INVTR

According to the above examples, the member name is IC000INVTR.

Fld Seq	Type	Beg Pos	End Pos	Dec	Field Name	Expand Size	AM Field Description	IC Field Description	Required?	Required value
1)		1	10		TFTRGR	10	Character ten	Trigger Keyword	Yes	ICTRN
2)		11	11		TF11	1	Character one	Debit/Credit Code		1 = increase 2 = decrease
34)		43	45		TF31	3	Character three	Inventory Transaction Code	No	None
35)		46	48		TF32			Product/Raw Material Size	Yes	Valid size code
36)		49	51		TF33			Transaction Date Format	No*	*YMD, DMY, or MDY required if uploading Transaction Date.
37)		52	54		TF34			Currency		None
44)		73	77		TF51	5	Character five	Company	Yes	Valid company
45)		78	82		TF52			Warehouse		Valid warehouse
46)		83	87		TF53			Quantity Unit of Measure	No*	*Valid unit of measure if value is sent

Fld Seq	Type	Beg Pos	End Pos	Dec	Field Name	Expand Size	AM Field Description	IC Field Description	Required?	Required value
69)		198	205		TF81	8	Character eight	Adjustment Type	No	None
109)		582	601		TF201	20	Character twenty	Product Number	Yes	Valid product or raw material
110)		602	621		TF202			Storage Index #1	No*	*Valid value required based on Infinium controls
111)		622	641		TF203			Storage Index #2		
112)		642	661		TF204			Storage index #3		
138)		1402	1461		TF601	60	Character fifty	User Defined Alpha #1		*Valid value required if user defined field is required in Infinium IC
139)		1462	1521		TF602			User Defined Alpha #2		
140)		1522	1581		TF603			User Defined Alpha #3		

Fld Seq	Type	Beg Pos	End Pos	Dec	Field Name	Expand Size	AM Field Description	IC Field Description	Required?	Required value
141)		1582	1661		TF604			User Defined Alpha #4		
142)		1662	1741		TR605			User Defined Alpha #5		
164)	P	2183	2187	0	TF901	9.0	Decimal 9,0	Transaction Date	No	Valid date if value is sent
165)	P	2188	2192	0	TF902	9.0	Decimal 9,0	User Defined Date #1	No*	*Valid value required if user defined field is required in Infinium IC
166)	P	2193	2197	0	TF903			User Defined Date #2		
167)	P	2198	2202	0	TF904			User Defined Date #3		
168)	P	2203	2207	0	TF905			User Defined Date #4		
169)	P	2208	2212	0	TF906			User Defined Date #5		
248)	P	2740	2747	4	TF1541	15.4	Decimal 15,4	Transaction Quantity	Yes	Positive number greater than zero

Fld Seq	Type	Beg Pos	End Pos	Dec	Field Name	Expand Size	AM Field Description	IC Field Description	Required?	Required value
249)	P	2748	2755	4	TF1542			User Defined Quantity #1	No*	*Valid value required if user defined field is required in Infinium IC
250)	P	2756	2763	4	TF1543			User Defined Quantity #2		
251)	P	2764	2771	4	TF1544	15.4	Decimal 15,4	User Defined Quantity #3	No*	*Valid value required if user defined field is required in Infinium IC
252)	P	2772	2779	4	TF1545			User Defined Quantity #4		
253)	P	2780	2787	4	TF1546			User Defined Quantity #5		
260)	P	2836	2844	6	TF1761	17.6	Decimal 17,6	User Defined Numeric #1	No	For future use
261)	P	2845	2853	6	TF1762			User Defined Numeric #2		
262)	P	2854	2862	6	TF1763			User Defined Numeric #3		

Fld Seq	Type	Beg Pos	End Pos	Dec	Field Name	Expand Size	AM Field Description	IC Field Description	Required?	Required value
263)	P	2863	2871	6	TF1764			User Defined Numeric #4		
264)	P	2872	2880	6	TF1765			User Defined Numeric #5		

Common Services Batch Processing

A batch program (AMGCRDCS) processes the data in each member that you select from the Common Services (AMPTF) file.

After you press F7 to submit a job, the system calls the Common Services program that displays the members that you may select for processing. After you select the desired members, the program repeatedly opens each member to retrieve data until it reaches the end of the file. When the system detects the system-defined trigger keyword, ICTRN, it writes the inventory transaction to the Inventory Transaction Work file (ICTRNWK).

ICTRN must be the value in the trigger keyword field of the AMPTF file. In the field-mapping table, this field is TFTRGR. If the trigger keyword is not valid for inventory transaction updates, or if there are errors in the Common Services program (AMGCRDCS), the data prints on an error report, and the system does not update the Work file.

The system writes the current date, time, job number, and program name to the Work file for audit and query functions. The *Originator code* field updates as C when the system updates the Work file from Common Services.

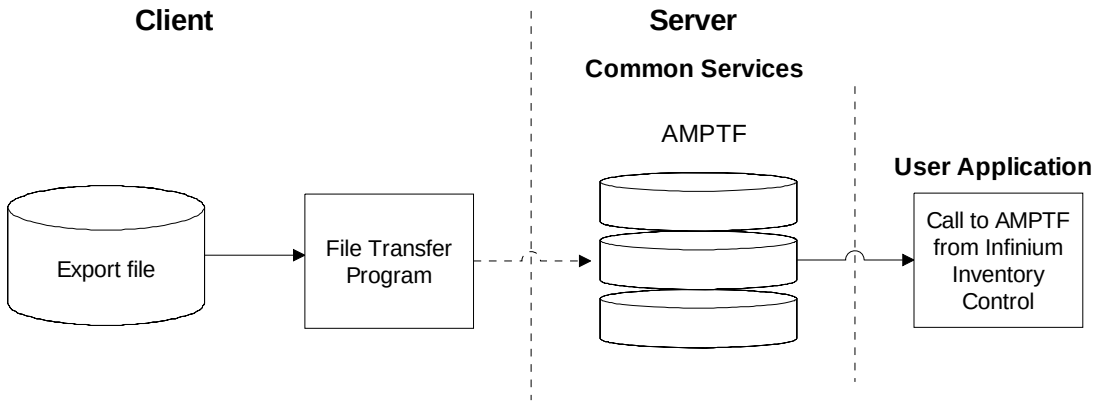


Figure D-4: Common Services Data Transfer diagram

It is important to understand the specific requirements that relate to this data transfer. Your custom program or macro must read the record, retrieve the first field (product/item), move the product/item to TF01, and write the record to AMPTF. One PC file record will have many quantity fields. However, one AMPTF record will have only one quantity field. This means your program or macro must read one record and add as many AMPTF records as there are quantity fields in that record.

Bypassing Common Services

If you do not use Common Services to receive your inventory transactions data and you want to use the Flat filD-to-Work file method, you do not need a custom program or macro.

The simplest way to achieve the transfer is to use FTP (file transfer protocol). Using FTP, populate the Flat file with your application file. Otherwise, use IBM's Client Access or any program you choose.

Uploading Inventory Transactions to the AS/400 or iSeries

Updating the Inventory Transactions Work File from the Flat File or Common Services

Once you map your fields to match the Flat File format, use the *Load Inventory Trans Work File* option to automatically map fields to the Work file.

Use the menu path below.

- *Inventory Control Utilities*
  - *Load Inventory Trans Work File* [LITWF]

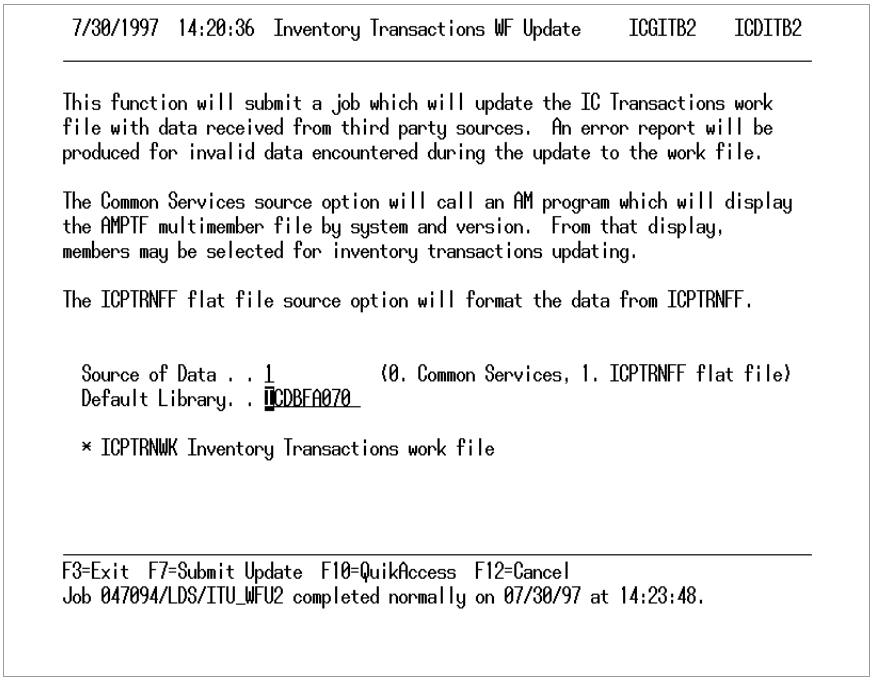


Figure D-5: Inventory Transactions WF Update screen

The system automatically maps all fields to the Work file (ICPTRNWK) and displays a message when the job completes normally.

When you upload to the Flat file from your transactions application file, you may choose to first save your file so you can refer back to it for information in

case of incomplete or failed attempts to upload to the Flat file. After you load the Work file (ICPTRNWK) from either the Flat file or the Common Services file, or after you correctly map your data to the Work file, you are ready to process your uploaded inventory transactions.

Updating the Inventory Transactions to Production

Uploads must be complete prior to using this option. When you execute this option, the system updates the production files.

Use the menu path below.

- *Inventory Control Utilities*
  - *Process Inventory Trans Update* [PITU]

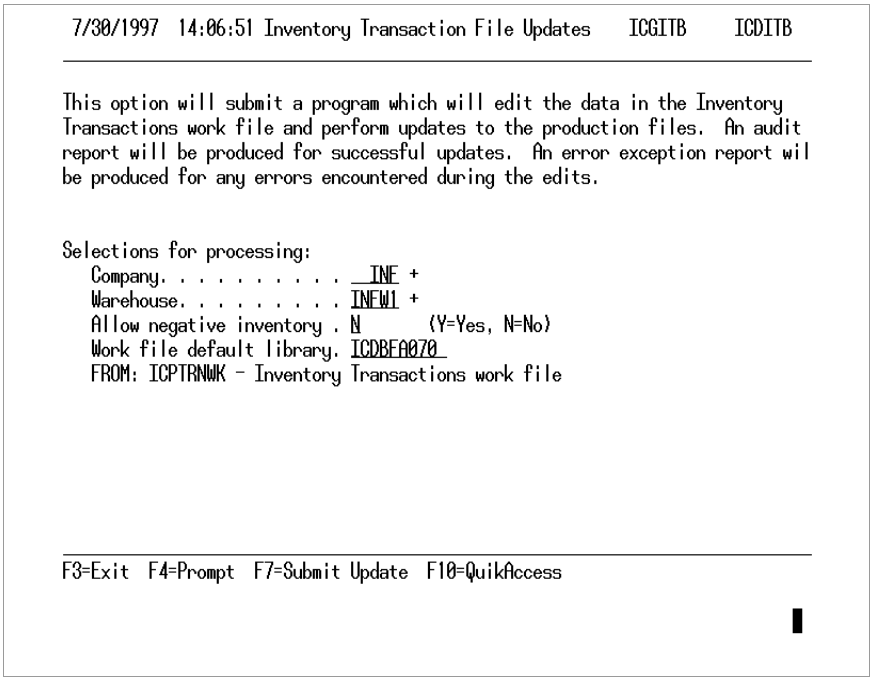


Figure D-6: Inventory Transaction File Updates screen

Press F7 to submit your uploaded transactions to Infinium IC. The system generates error reports as well as reports that indicate the transactions that updated successfully. These reports serve as your data audits.

Be sure you type the Company code in the *Company* field as it appears in the Infinium IC Company Control file; otherwise, the system will not recognize the code.

The system deletes Work file (ICPTRNWK) records as they either are updating the inventory, costing, and accounting production files or are being written to the error exception report. You cannot maintain Work file (ICPTRNWK) records.

Adjustment Defaults

For positive adjustments, the system uses Transaction code 20, inventory type AA (increase on hand) and adjustment type 1. For negative adjustments, the system uses Transaction code 21, inventory type AA (decrease on hand) and adjustment type 2.

Adjustment types ##TISS for Issues and ##TRTN for Returns are system defined and hard coded in the update programs. Maintain Adjustment Type codes in the *Work with Adjustment Types* option in Infinium IC.

You must enter associated General Ledger account information into the adjustment types if you use the information with Infinium JP.

There are two user-maintained fields on each adjustment type:

- ADJGL# for General Ledger account information
- ADJPHS for Product History Slot

WARNING: If storage index validations are on, you must send valid storage index values. The system considers blanks as an error unless you turn off the validations in Infinium CA Company controls. Any storage index value, including blank, is valid for both issues and returns. If you set the storage index controls for warning messages, the system identifies a fatal error. You set validations in Infinium CA.

Pick lists are not generated because the transactions originate from remote systems, and more than likely some form of pick list already exists.

With each upload, you can decide to allow or not allow negative inventory transactions. If you choose to not allow negative inventory, the system will not process transactions, which cause a negative inventory balance. These transactions print on an error report. The system automatically processes all returns first in order to potentially avoid a negative inventory situation.

If user-defined fields are set up on your system, you must modify field mapping programs accordingly. The ICPTRNWK program may have to be modified based on your user field control setup.

Work File Batch Processing

When you use the *Process Inventory Trans Update* option, initiate the Work file update batch program which reads the Work file (ICPTRNWK) and updates the inventory, costing, and account production files. The system generates an Error Exception report for any errors it finds and an Audit report for records that update successfully.

The program edits the Work file (ICPTRNWK) records for errors. If errors exist, the system prints the Work file data on the error report and deletes the Work file record.

If you decide not to allow negative inventory transactions, the program keeps a running balance of the available on-hand inventory in the summary file (ICPTRNSM) and does not process transactions which would cause negative inventory balances.

The system retrieves each inventory transaction record, and then maintains each record in a temporary summary file. If a transaction causes a negative inventory balance, the system will not process it, but instead prints it on the error report. The system processes all of the transactions that increase inventory before it processes transactions that decrease inventory. Once the system processes a transaction, the system writes the data to an audit report and deletes Work file records for successful updates.

After the system processes all the Work file records, it updates production files by calling the Inventory Issue/Return Requisition program (ICGIRR).

If you are updating these files manually, use the Infinium IC *Work with Issues/Return Req*. option. Since the system is updating files automatically, you do not need to do any manual processing once the system completes the update process.

This function updates the inventory balances (PRDINVEN), costing (PRDCSTPF), and account production (ICPAJ and PRDJRNL) files. Refer to the Data Flow diagrams that follow to see which files this affects.

When the system updates the inventory files, the system also updates the *Adjustment Type* field in the Product Transaction Journal (PRDJRNL) and in the Inventory Adjustment Journal (ICPAJ) with ##TRTN for returns and ##TISS for issue transactions. You can then identify a transaction’s point of origin.

Since issues and returns are the only records that the system processes, the update process calls the ICGIRR program which updates the files.

If you send transaction dates to the Work file (ICPTRNWK), then the system uses them to update the inventory files; otherwise, the system uses the current date as the transaction date.

An error occurs when a company or warehouse status is “inactive,” or, when a raw material or product status is “remove.”

Base Currencies

Currency is a company level default. If you send a currency value, the system does not recognize or edit it.

It is important to remember that the system stores and displays inventory values in the base currency defined in Infinium CA. If you have Infinium CM on your system, you can transfer inventory between companies with different base currencies.

Costs and cost types default from the Control files.

Unit of Measure

The Unit of Measure (UOM) default value is the Inventory UOM. If you send a UOM value, the system edits the record, using standard edits and conversions. The system considers an invalid UOM a fatal error and does not update the files.

In audit and error reports the system displays the UOM you use in the Upload file and does not refer to the existing UOM Conversion in Infinium CA. For example, the system will not convert ounces to gallons if you specify ounces in your uploaded transactions file.

Negative Inventory Report

If you type **Y** in the *Allow Negative Inventory* field, the system automatically submits the Infinium IC Negative Inventory report after the system processes all the records in the Work file.

Existing Flow for Applying Inventory Adjustments

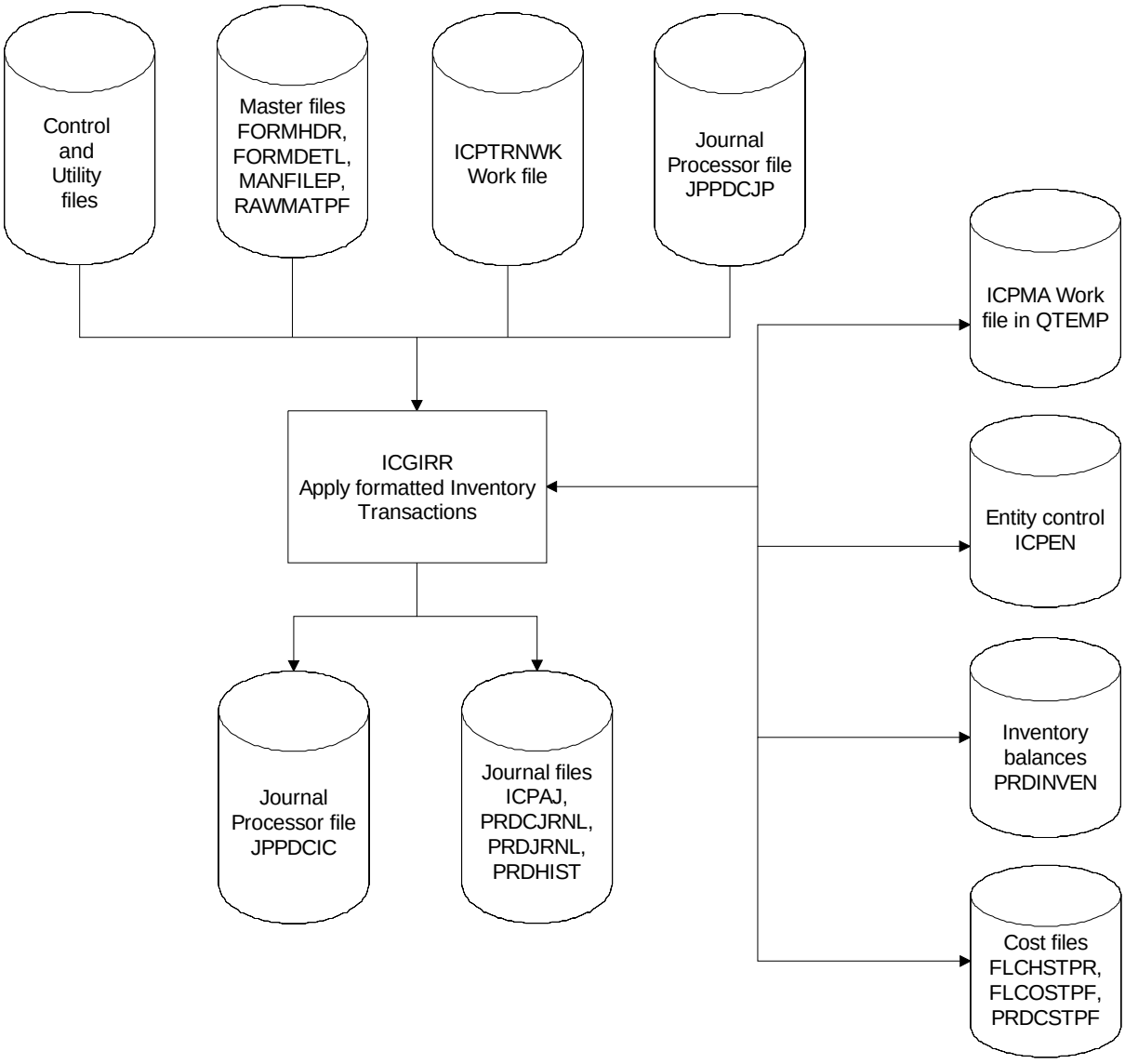


Figure D-7: Existing Data Flow for Applying Inventory Adjustments Diagram

Loading the Work File from the Already Uploaded AMPTF File

Use the *Load Inventory Trans Work File* option within the *Inventory Control Utilities* option to map this file to the ICPTRNWK Work file.

Use the menu path below.

- *Inventory Control Utilities*
  - *Load Inventory Trans Work File*

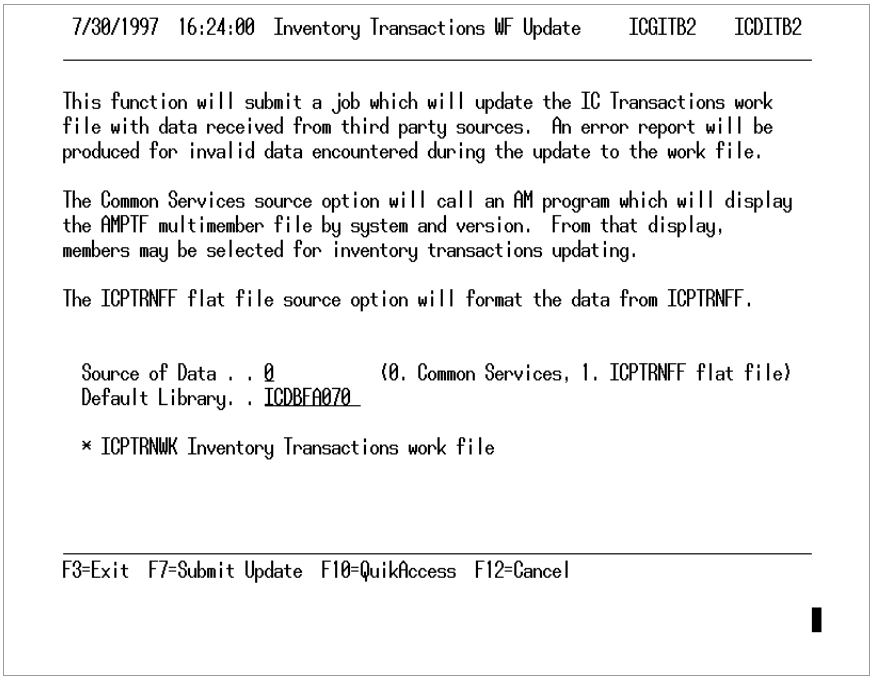


Figure D-8: Inventory Transactions WF Update screen

Press F7 to Submit Update and the system automatically maps fields to the Work file.

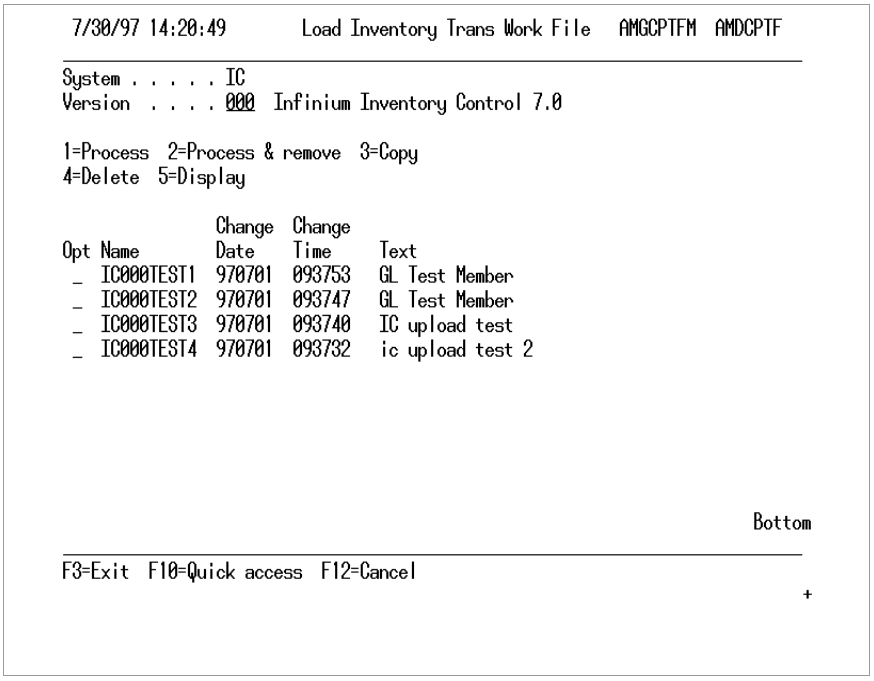


Figure D-9: Load Inventory Trans Work File Update via Common Services screen

When the system displays the file members available for processing, select processing options by typing appropriate codes in the *Opt* fields to indicate processing preferences.

When you press Enter, the system loads the ICPTRNWK Work file from the AMMPTF file.

The system repeatedly calls Common Services to open each member and retrieve data until it reaches the end of the file. If the system finds a trigger keyword, it checks to verify that the data is meant for inventory transaction updates. The system then writes the data to the Work file.

The current date, time, job number, and program name are in the Work file for audit and query functions. The *Originator Code* field updates as C when you update the Work file from the Common Services function.

If the trigger keyword (TFTRGR field) from the AMPTF file is not ICTRN for this function, none of the inventory transaction updates are valid. If the Common Services program contains errors, the data prints on an error report and the Work file is not updated.

Purging Uploaded Inventory Adjustments

In the Inventory Adjustment Journal, the system records each inventory adjustment made through the *Process Inventory Trans Update* option, just as it records all transactions you make using Infinium IC.

Use the *Purge Inventory Trans Work File* option within the *Inventory Control Utilities* option to delete existing data in the Work file (ICPTRNWK). The system deletes records based on your screen selections.

You can also use the *Process & remove* and *Delete* options that the system displays in the Common Services Job Control file (AMDCPTF). When you upload via the Common Services file (AMPTF), the system removes data only from AMPTF.

Use the menu path below.

- *Inventory Control Utilities*
  - *Purge Inventory Trans Work File* [PITWF]

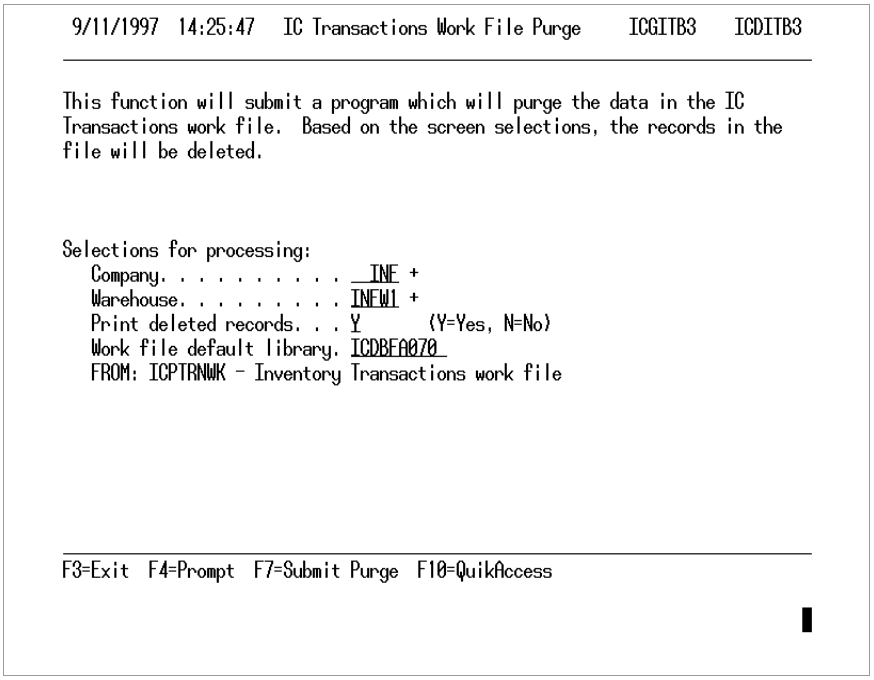


Figure D-10: IC Transactions Work File Purge screen

The system displays this screen when you select the *Purge Inventory Trans Work File* option from within the *Inventory Control Utilities* menu.

Company

This field defaults to the Company code established in your user or terminal profile. If you have authorization to access other locations and you want to process records from another location, override the default with another valid Company code or press F4 to search for and select a valid code. You can also leave this field blank and select both a Company and Warehouse code by pressing F4 in the *Warehouse* field.

Warehouse

This field defaults to the Warehouse code established in your user or terminal profile. If you have authorization to access other locations and you want to process records from another location, override the default with another valid warehouse. You can also press F4 to search for and select one or more valid codes. Remember, you associate warehouses with companies. Be sure the code you specify corresponds to the Company specified in the *Company* field. You can also leave this field blank to purge all records for a particular company.

Print Deleted Records

Y is the default for this field. As the system deletes records from the Work file, they print on a report. If you type **N**, the deleted Work File records do not print.

Default Library

The *Default Library* field defaults to the first library in the library list that contains the Inventory Control Work file. This job submits a batch program to purge the Work file records based on your screen selections.

The library selected on this display is placed at the top of the library list for the job you submit.

To purge records, press F7. When the process is complete, the system displays the following message:

Inventory Transaction Update job has been submitted.

Reviewing Uploaded Inventory Transactions Reports

The table below identifies the reports the system generates during and after you upload and process inventory transaction records.

The Inventory Transactions Error Exception report is the same as the one generated for processing issues and returns in Infinium IC. Use the Inventory Transactions Error Exception report to help you troubleshoot upload errors. Typically, errors occur because data is either missing or improperly formatted.

Report Name	Report Information
ICTITA - Inventory Transaction Audit report	Successful updates to the Inventory Control Production files
ICTITAB - Inventory Transactions Error Exception report	Work file errors; records that do not update
ICTITA2 - Inventory Transactions Error report from Common Services	Errors preventing updates to Work file (ICPTRNWK)
ICTITA3 - Inventory Transactions Error report from Flat File (ICPTRNFF)	Errors preventing updates to Work file (ICPTRNWK)
ICTITP - Inventory Transaction Purge report	Purged records from the Work file (ICPTRNWK)

A sample of each report follows.

Inventory Transaction Audit Report

```
ICGITA      ICTITA                          INVENTORY TRANSACTION AUDIT REPORT                                    PAGE 1
2/06/1998   18:58:03                      SUCCESSFUL UPDATES TO THE PRODUCTION FILES
                                          ------------------------------------------

COMPANY:  SOCAL     SOUTHERN CALIFORNIA PRODUCTS

WAREHOUSE:  CURR    CURR  ADDR1
==========================================================

         ##TRTN  - REMOTE INVENTORY RETURNS
         ---------------------------------
PRODUCT                         SIZE      STG INDEX 1    STG INDEX 2    STG INDEX 3          QUANTITY      UOM     TRANS DATE     CUR
-------                         ----      -----------    -----------    -----------          --------      ---     ----------     ---
SURFBOARD                       EA                       STGEA2         STGEA3                20.0000   EA                      USD
    # Warning:  Invalid GL account number.

       *   20 - Increase On Hand Inv TRANSACTION TYPE TOTAL                                     20.0000
       **  CURR WAREHOUSE TOTAL                                                                 20.0000

WAREHOUSE:  STND    STND ADDR1
==========================================================

         ##TRTN - REMOTE INVENTORY RETURNS
         ---------------------------------
PRODUCT                         SIZE      STG INDEX 1    STG INDEX 2    STG INDEX 3          QUANTITY      UOM     TRANS DATE     CUR
-------                         ----      -----------    -----------    -----------          --------      ---     ----------     ---
ACORNS                          TN        XXX                                                 30.0000   TN                      USD
    # Warning:  Invalid GL account number.
BOOGIEBRD                       EA                       STGEA2         STGEA3                60.0000   DZ                      USD
    # Warning:  Invalid GL account number.
FINS                            DZ                                                           70.0000   BOX                     USD
    # Warning:  Invalid GL account number
SURFBOARD                       EA                                                           25.0000   EA                      USD
    # Warning:  Invalid GL account number

      *   20 - Increase On Hand Inv TRANSACTION TYPE TOTAL                                    185.0000

         ##TISS - REMOTE INVENTORY ISSUES
PRODUCT                         SIZE      STG INDEX 1    STG INDEX 2    STG INDEX 3          QUANTITY      UOM     TRANS DATE     CUR
-------                         ----      -----------    -----------    -----------          --------      ---     ----------     ---
FINS                            DZ                                                           35.0000    BOX                     USD
    # Warning:  Invalid GL account number.
```

```
*  21 - Decrease On Hand Inv TRANSACTION TYPE TOTAL                                  35.0000
** STND  WAREHOUSE TOTAL                                                          220.0000

*** REPORT TOTAL TRANSACTION QUANTITY                                            240.0000
                                    ************* END OF REPORT **************
```

Inventory Transactions Error Exception Report

```
ICGITA     ICTITAB                        INVENTORY TRANSACTIONS ERROR EXCEPTION REPORT                                  PAGE     1
2/06/1998  18:10:33                              ICPTRNWK WORK FILE ERRORS
                                               THESE RECORDS WERE NOT UPDATED
                                               ------------------------------
COMPANY:     SOCAL    SOUTHERN CALIFORNIA PRODUCTS

WAREHOUSE:   CURR   CURR ADDR1
============================================================
PRODUCT                  SIZE     STG INDEX 1     STG INDEX 2     STG INDEX 3         QUANTITY       UOM    TRANS DATE    CUR    TYPE
-------                  ----     -----------     -----------     -----------         --------       ---    ----------    ---    ----
BOOGIEBRD                EA                       STGEA2          STGEA3                50.0000     DZ                   USD    2
      #  Storage Index is invalid for warehouse

         *   CURR WAREHOUSE TOTAL                                                      50.0000


WAREHOUSE:   FIFO   FIFO ADDR1
============================================================
      # No records exist in the work file for the company SOCAL/warehouse FIFO section.


WAREHOUSE:   LIFO   LIFO ADDR1
============================================================
      # No records exist in the work file for the company SOCAL/warehouse LIFO section.


WAREHOUSE:   LIFO   LIFO ADDR1
============================================================
PRODUCT                  SIZE     STG INDEX 1     STG INDEX 2     STG INDEX 3         QUANTITY       UOM    TRANS DATE    CUR    TYPE
-------                  ----     -----------     -----------     -----------         --------       ---    ----------    ---    ----
ACORNS                   LB                       LOT2            LOT3                  20.0000     LB                   USD    I
     # Invalid value of 'I' in the Increase/Decrease field.  Must be '1' for increase, '2' for decrease.
BOOGIEBRD                EA                                                             30.0000     DZ                   USD    1
     # Specify a valid date.
BOOGIEBRD                CDS                      STG2CDS         STG3CDS               40.0000     DZ                   USD    2
     # The Quantity greater than the Balance in the file for this storage index.
BOOGIEBRD15              CDT                                                             5.0000     DZ                   USD    2
     # The Quantity is greater than the Balance in the file for this storage index.
FINS                     DZ                       STGF2           STGF3                 10.0000     BOX1                 USD1   2
     # UM not defined or conversion not set up.

          *  STND WAREHOUSE TOTAL                                                     105.0000
          ** REPORT TOTAL TRANSACTION QUANTITY                                       155.0000
                           ********************END OF REPORT **********************
```

Inventory Transactions Error Report from Common Services - Example 1

```
ICGITA2     ICTITA2                              INVENTORY TRANSACTIONS ERROR EXCEPTION REPORT                          PAGE  1
2/03/1998  18:02:20                            ERRORS PREVENTING UPDATES TO ICPTRNWK WORK FILE
                                                  DATA FROM THE AMPTF COMMON SERVICES FILE
                                                 ------------------------------------------

 MEMBER    IC001TEST3
 ------
      TFTRGR     ICERR
           ## Invalid Trigger Keyword for this operation.
      TFTRGR     ICOTHER
           ## Invalid Trigger Keyword for this operation.

                           ********** END OF REPORT *********
```

Inventory Transactions Error Report from Common Services - Example 2

```
ICGITA2     ICTITA2                          INVENTORY TRANSACTIONS ERROR EXCEPTION REPORT                          PAGE   1
2/03/1998  18:02:24                       ERRORS PREVENTING UPDATES TO ICPTRNWK WORK FILE
                                               DATA FROM THE AMPTF COMMON SERVICES FILE
                                               ----------------------------------------

MEMBER    IC001TEST4
------

THERE WERE NO ERORRS IN THIS MEMBER.  THE DATA WAS UPDATED TO THE WORK FILE(S).
                                           ********** END OF REPORT *********
```

Inventory Transactions Error Report from Flat File

```
ICGITA3     ICTITA3                          INVENTORY TRANSACTIONS ERROR EXCEPTION REPORT                        PAGE 1
12/03/1998  17:28:47                        ERRORS PREVENTING UPDATES TO ICPTRNWK WORK FILE
                                              PURGED DATA FROM THE ICPTRNFF FLAT FILE
                                              ----------------------------------------
COMPANY     SOCAL
WAREHOUSE   STND
  PRODUCT                SIZE  STG INDEX 1    STG INDEX 2   STG INDEX 3       QUANTITY       UOM      TRANS DATE     CUR   TYPE
 -------                ----  -----------    -----------   -----------       --------       ---      ----------     ---   ----
  SURFBOARD              EA                   STGEA2        STGEA3            15.5000         DZ      3   4   97             2
          ## Invalid data in numeric field TRN DATE.


COMPANY     SOCAL
 WAREHOUSE   STND
 PRODUCT                SIZE  STG INDEX 1    STG INDEX 2   STG INDEX 3       QUANTITY       UOM      TRANS DATE     CUR   TYPE
 -------                ----  -----------    ----------    ----------        --------       ---      ----------     ---   ----
  BOOGIEBRD              EA                  STGEA2        STGEA3            41.0000         04        00  30             1
          ## Invalid data in numeric field TRN DATE.


COMPANY     SOCAL
 WAREHOUSE   STND
  PRODUCT                SIZE  STG INDEX 1    STG INDEX 2   STG INDEX 3       QUANTITY       UOM      TRANS DATE     CUR   TYPE
  -------                ----  -----------    -----------   -----------       --------       ---      ----------     ----  ----
 SURFBOARD                EA   STREA1         STGEA2        STGEA3                            DZ      03  5   97             2
         ## Invalid data in numeric field TRN DATE.


COMPANY     SO
WAREHOUSE   CAL
 PRODUCT                SIZE  STG INDEX 1    STG INDEX 2   STG INDEX 3       QUANTITY       UOM      TRANS DATE     CUR   TYPE
 -------                ----  -----------    -----------   -----------       --------      -----     ----------     ---   ----
 STND                   BOO   EA             STGEA2        STGEA3                           50       00  4              1
         ## Invalid data in numeric field QUANTITY.
         ## Invalid data in numeric field TRN DATE.

                                                  ********** END OF REPORT *********
```

Inventory Transactions Purge Report

```
ICGITP      ICTITP                              IC TRANSACTIONS WORK FILE PURGE                                        PAGE    1
2/03/1998   17:56:36                    LISTING OF PURGED RECORDS FOR COMPANY: SOCAL  SOUTHERN CALIFORNIA
                                        ----------------------------------------------------------------
WAREHOUSE:  CURR    CURR ADDR1
PRODUCT                     SIZE    STG INDEX 1    STG INDEX 2   STG INDEX 3        QUANTITY     UOM    TRANS DATE    CUR   TYPE
-------                     ----    -----------    -----------   -----------        --------     ---    ----------    ----  ----
SURFBOARD                    EA                    STGEA2        STGEA3             20.0000      EA                         RTN
BOOGIEBRD                    EA                    STGEA2        STGEA3             50.0000      DZ                         ISS

     **   CURR  WAREHOUSE TOTAL                                                     70.0000


WAREHOUSE:  STND    STND ADDR1
PRODUCT                     SIZE    STG INDEX 1    STG INDEX 2   STG INDEX 3        QUANTITY     UOM    TRANS DATE    CUR   TYPE
-------                     ----    -----------    -----------   -----------        --------     ---    ----------    ---   ----
ACORNS                       LB                    LOT2          LOT3               20.0000      LB                         ISS
ACORN                        TN      XXX                                            30.0000      TN                         RTN
BOOGIEBRD                    EA                                                     30.0000                                 RTN
BOOGIEBRD                    EA                    STG2EA        STG3EA             60.0000      DZ                         RTN
FINS                         DZ                                                     70.0000      BOX                        RTN
SURFBOARD                    EA                                                     25.0000                                 RTN
BOOGIEBRD                    CDS                   STG2CDS       STG3CDS            40.0000      DZ                         ISS
BOOGIEBRD15                  CDT                                                     5.0000      DZ                         ISS
FINS                         DZ                    STGF2         STGF3              35.0000                                 ISS
FINS                         DZ                    STGF2         STGF3              10.0000      BOX1                       ISS
         **   STND  WAREHOUSE TOTAL                                                325.0000

# No records exist in the work file for the company SOCAL/warehouse FIFO selection.
       # No records exist in the work file for the company SOCAL/warehouse LIFO selection.

*** TOTAL INVENTORY TRANSACTION QUANTITY                                          395.0000
            *** TOTAL NUMBER OF PURGED RECORDS        12
                                              ********** END OF REPORT *********
```

Appendix E Downloading Item Inventory Data

E

The chapter consists of the following topics:

Overview of Inventory Data Download

This appendix focuses on how to download Infinium IC Item Master data.

After you download data from Infinium IC, you must create a file in an application of your choice to receive the downloaded data. You must also use a file transfer utility to export the item data to the file.

When you select the *Download Item Inventory Data* option, the system downloads inventory data from Infinium IC to a temporary Inventory Information file (ICPITM and ICPITMU) for a Cart Management System (CMS) or another system. The system writes one record per product from the Storage Index file for the Company and Warehouse that you select. You can then use a third party application and a file transfer utility to export ICPITM or ICPITMU to an external system.

If the system encounters errors during the download process, it writes a record to the Inventory Control Item Download for CMS Errors file (ICPITERR). Errors can apply to any of the following:

- Infinium CA Inventory Maintenance file (MIR010)
- Infinium CA Weighted Average Cost Retrieval file (PCR026)
- Infinium CA Material Costing (PCR020)

Each time you use the *Download Item Inventory Data* option, the system clears ICPITM, ICPITMU, and ICPITERR and populates the files with the new data.

Downloading Item Inventory Data

Use the *Download Item Inventory Data* option in the *Inventory Control Utilities* menu to transfer item inventory records from the Storage Index file by company/warehouse to a personal computer. When you complete this option, the system downloads one item per storage index location in the company/warehouse you specify.

- Infinium IC
- *Inventory Control Utilities*
  - *Download Item Inventory Data* [DIID]

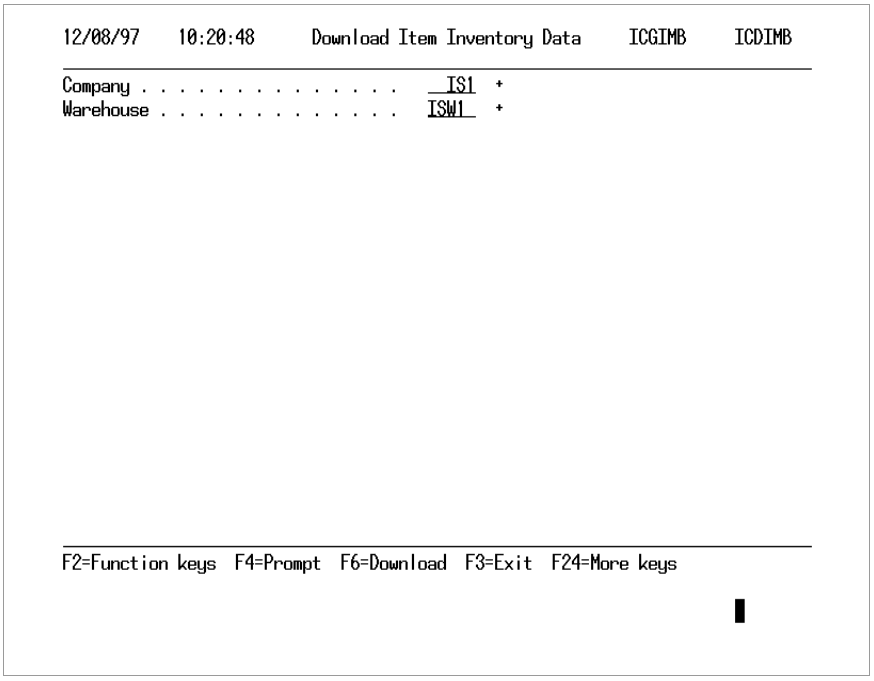


Figure F-1: Download Item Inventory Data screen

Type identifiers for Company and Warehouse in the appropriate fields, or press F4 to display and select from a list of valid entries.

Press F6 to download the item inventory information. When the download completes successfully, the system returns to the main *Inventory Control* menu and displays a message. The system downloads data and populates the ICPITM and ICPITMU files. Use file transfer protocol (ftp) or a similar file transfer utility to transfer the downloaded data to your third-party application.

File Information

The tables below list the fields in the Inventory Information file (ICPITM), the Error file (ICPITERR), and the Storage Locations file (ICPITMU). Each table also shows the inventory data that the system downloads from Infinium IC.

Data that Downloads from the ICPITM File

The system populates this file each time you run the *Download Item Inventory data* option. You can download this file to an application of your choice.

Field Name	Length	Description	How populated
ITCO	5	Company	With default company
ITLOC	5	Location	With default location
ITMTL#	20	Product	From Storage Index file (PRPSI)
ITSIZE	3	Size Code	From Storage Index file (PRPSI)
ITDESC	30	Long Description	From Product and Raw Material file (MTLMSTLF)
ITSDSC	20	Short Description	From Product and Raw Material file (MTLMSTLF)
ITIUM	4	Inventory UOM	From Product and Raw Material file (MTLMSTLF), then replaced with inventory UOM from call to MIR010
ITCST	17.6	Item Cost	From call to costing program
ITCUM	4	Cost UOM	From Product and Raw Material file (MTLMSTLF)
ITPRC	17.6	Item Price	From Product and Raw Material file (MTLMSTLF)

Field Name	Length	Description	How populated
ITPUM	4	Price UOM	From Product and Raw Material file (MTLMSTLF)
ITSTR1	12	Storage Index 1	From Storage Index file (PRPSI)
ITSTR2	8	Storage Index 2	From Storage Index file (PRPSI)
ITSTR3	12	Storage Index 3	From Storage Index file (PRPSI)
ITQTY1	13.4	Quantity on Hand	From call to MIR010. Uses inventory transaction type “95” (Return Inventory Type) in the Inventory Transaction Code Master file.
ITACCT	9	Account	Not populated
ITTYP	1	Item Type	**P** (Product) or **R** (Raw Material) from file (MTLMSTLF)
ITUDA1	30	Charge Number	From call to MIR010. Moves the first user-defined Alpha field from the Product Master file to this field.

Error Data in the Error File (ICPITERR)

Field Name	Length	Description
EROC	5	Company
ERLOC	5	Location
ERMTL#	20	Product
ERSIZE	3	Size Code
ERRDSC	10	Short Description
ERDATE	8	Run Date

Field Name	Length	Description
ERTIME	6	Run Time

ICPITMU File Layout

After the ICPITM file is populated, the program reads ICPITM and populates the ICPITMU file. ICPITMU is a third party software interface file. It contains less information and truncated fields, but can be used the same as ICPITM.

Field Name	Length	Description	How populated
IUSTK#	16	Stock number	Concatenate Product and Size codes
IUDESC	30	Long Description	From ICPITM
IUSDSC	15	Short Description	From ICPITM. Truncated
IUCUM	2	Unit of Issue	Cost UOM from ICPITM. Truncated
IUCST	7,2	Unit Price	Item Cost from ICPITM. Truncated
IUASLE	9	Aisle Code	Storage Index 1 from ICPITM. Truncated
IUSHLF	9	Shelf Code	Storage Index 3 from ICPITM. Truncated
IUPUM	2	Charge UOM	Price UOM from ICPITM. Truncated
IUPRC	7,2	Item Price	Item Price from ICPITM. Truncated
IUUDA1	9	Charge Number	User Defined Alpha from ICPITM. Truncated

Appendix F Using Multiple Currencies in Infinium IC

F

The chapter consists of the following topics:

Overview of Inventory Transactions and Base Currency

This appendix provides reference information on the implications of currency management for Infinium IC. For information on inventory transactions, refer to the appropriate section of this guide.

Overview of Multiple Currency Processing

Infinium CM is the Infinium application that is the central repository for currency data, exchange rates, and the relationships between them. When you use multiple currency processing, Infinium IC can access Infinium CM to retrieve exchange rate information as needed.

When Infinium IC requires an exchange rate, it passes currency related values to Infinium CM. Infinium CM then returns an exchange rate based on the received values.

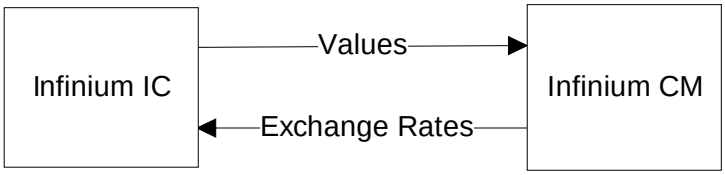


Figure F-1: Multiple Currency Processing

Currency Field Requirements

The following list identifies currency specifics within Infinium IC:

- The system populates all base currency fields with the base currency of the specified company, as defined in Infinium CA, the *Work with Company Controls* option on the Base Application Information attribute. If you install Infinium GL, the Infinium CA base currency must equal the Infinium GL base currency.
- The system maintains inventory in the company's base currency.

- If you perform warehouse transfer orders between two companies with different base currencies, the system accesses Infinium CM to convert the “From” company’s currency to the “To” company’s currency.
- A valid exchange rate must exist for a successful inventory transfer between two companies with different base currencies.
- The system uses the system date as the Rate Effective Date during currency conversions.
- At the company/warehouse level the system processes receipts and displays costs. The system always displays costs in base currency.
- The base currency represents the currency in which the designated Infinium GL Integration Company maintains its primary accounting entries, and Infinium IC keeps inventory costs.
- Warehouse transfer orders and inventory repackaging are the only Infinium IC functions that allow transactions between different companies.

Although you can perform repackaging transactions between two different companies, the system does not allocate the cost of the “From” company to the “To” company; therefore, the system does not require any currency processing.

Defining Currency Controls in Infinium CA

You establish entity level currency controls pertaining to Infinium IC in Infinium CA.

Use the menu path below.

- Infinium CA
- *Control Files*
  - *Work with Entity Controls* [WWEC]

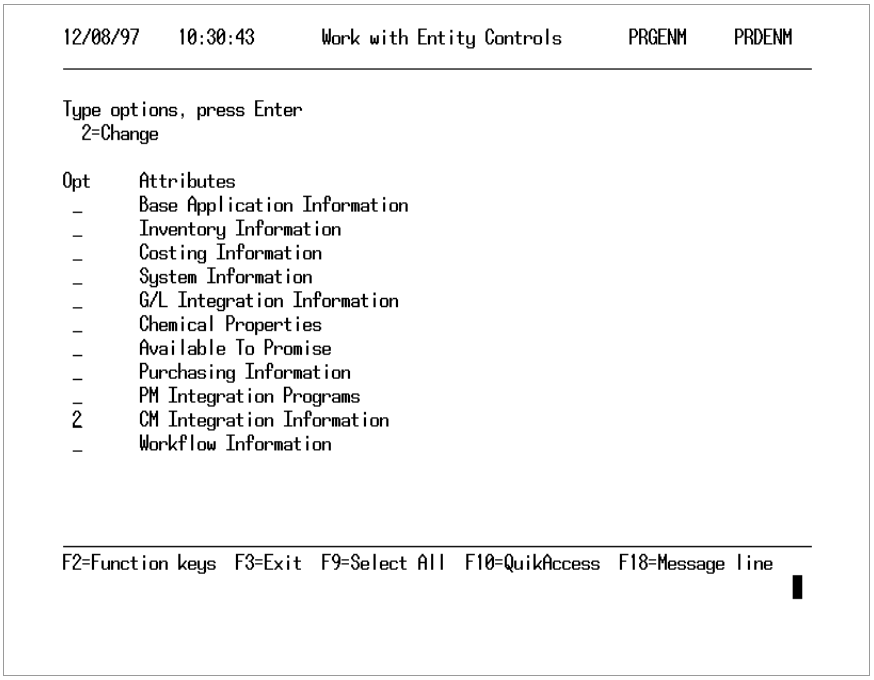


Figure F-2: Work with Entity Controls Attribute selection screen

Type **2** and press Enter next to the CM Integration Information attribute to define the exchange rate types for Infinium IC.

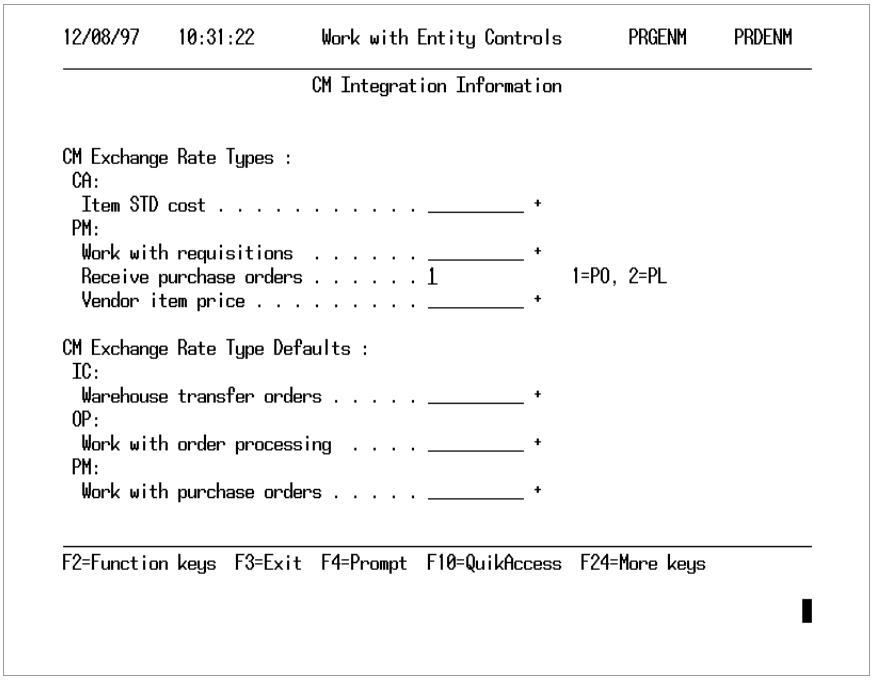


Figure F-3: Work with Entity Controls CM Integration Information screen

The system displays this screen when you type **2** in the CM Integration Information attribute for Entity Controls. Use this screen to define the entity level exchange rate type default for Infinium IC's *Warehouse Transfer Orders* menu. Define exchange rate types in Infinium CM.

CM Exchange Rate Type Defaults: IC: Warehouse transfer orders

Use this field to specify the exchange rate type that defaults to the *Warehouse Transfer Orders* menu in Infinium IC. You can override this default on the transfer order, if necessary.

The system follows the company, then entity hierarchy rules in its search for Infinium CM values.

A valid exchange rate relationship must exist for the transaction currency, the company's base currency, and the currency exchange rate type. Establish exchange rate relationships using the *Work with exchange rates* option in Infinium CM. Use the *Display exchange rates* option in Infinium CM to verify that a valid exchange rate relationship exists between the transaction and base currencies. Use the *Locate Source/Target/Rate type* fields to enter the transaction currency, base currency, and exchange rate type, respectively. If a match is not found and you allow reciprocals, reverse the *Source* and *Target* field entries.

Company Currency Controls

Establish company level currency controls pertaining to Infinium IC in Infinium CA.

Use the menu path below.

- Infinium CA
- *Control Files*
  - *Work with Company Controls* [WWCOC]

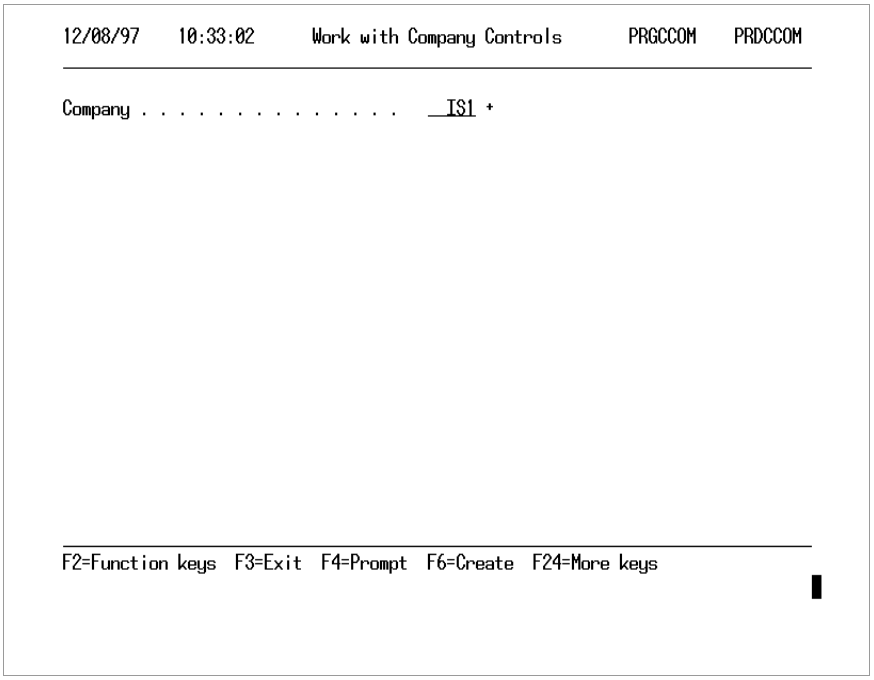


Figure F-4: Work with Company Controls prompt screen

Type the company for which you are establishing company controls in the *Company* field and press Enter.

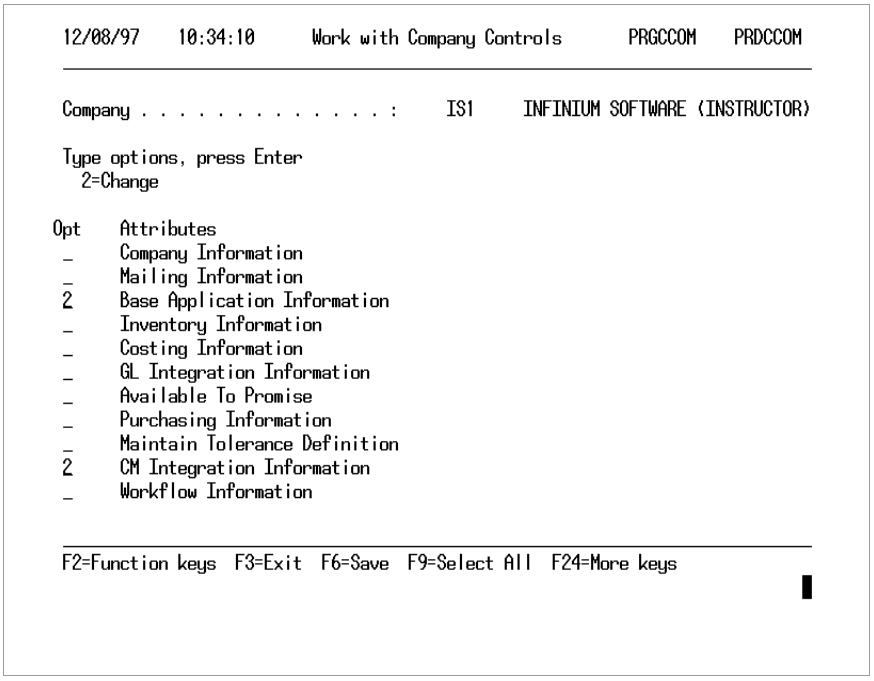


Figure F-5: Work with Company Controls Attribute selection screen

The system displays this screen when you complete the Work with Company Controls prompt screen and press Enter.

To define the exchange rate types for Infinium IC, type **2** and press Enter next to the CM Integration Information attribute.

To define the company's base currency, type **2** and press Enter next to the Base Application Information attribute.

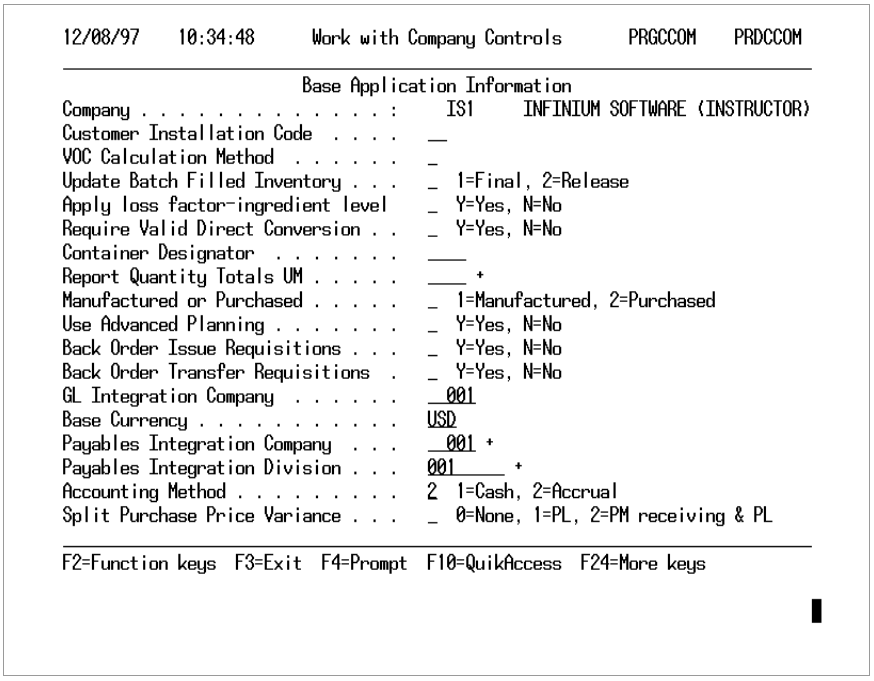


Figure F-6: Work with Company Controls Base Application Information screen

Base Application Information

The system sets a new company to inactive if either the *GL Integration Company* or the *Base Currency* field is blank.

Multi-Warehouse Costing and Base Currency Conversion

The system stores inventory costs in the company's base currency. Therefore, if **N** is in the *Maintain Costs for Multi-Whse* field, all companies/warehouses have the same inventory costs, and they must have the same base currency.

If **Y** is in the *Maintain costs for Multi Whse* field, each company can have a different base currency since each company warehouse combination has its own costs.

Set the *Maintain Costs For Multi Co/Whse* field in the Costing Information attribute of the *Work with Entity Controls* option in Infinium CA.

Base Currency

The system uses the value in the *Base Currency* field as the base currency default in the *Warehouse Transfer Orders* menu.

Refer to the *Infinium Cross Applications Guide to System Controls and Materials Maintenance* for more information.

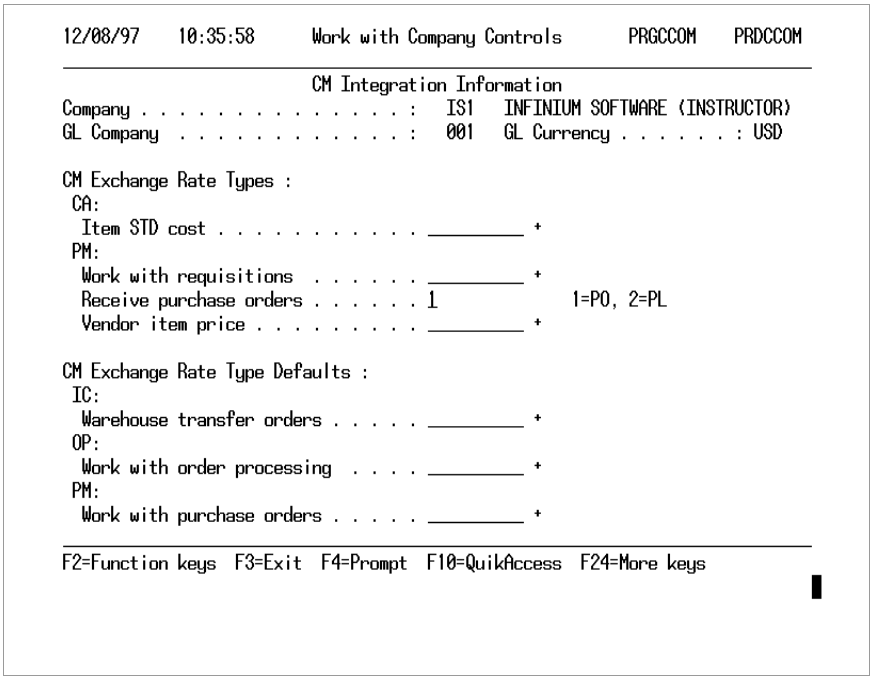


Figure F-7: Work with Company Controls CM Integration Information screen

CM Integration Information

The system displays this screen when you type **2** in the CM Integration Information attribute for Company controls and press Enter. Use this screen to define the company level exchange rate type default for Infinium IC's *Warehouse Transfer Orders* menu. Define exchange rate types in Infinium CM.

CM Exchange Rate Type Defaults: IC: Warehouse transfer orders

Use this field to specify the default exchange rate type for warehouse transfer orders in Infinium IC. You can override this default on the transfer order, if necessary.

If you leave an exchange rate type field for Infinium IC blank at the company level, the system retrieves the exchange rate type specified at the entity level.

Understanding Currency Implications of Inter-company Warehouse Transfers

The system displays and retains the value of inventoried items in the company base currency you define on the Infinium CA Company record.

A valid exchange rate relationship must exist between the “From” Company base currency and the “To” Company base currency. The system uses the system date for the Rate Effective Date when converting currency as the system processes each receipt.

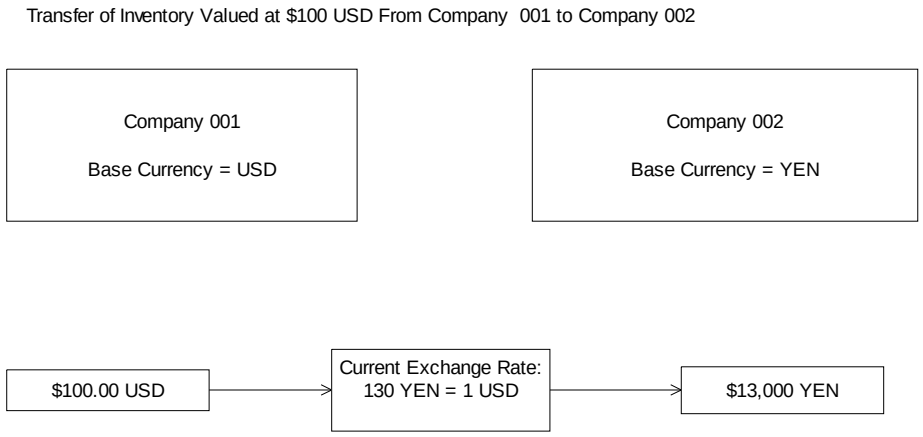


Figure F-8: Currency Exchange on Inter-company Inventory Transfer

Transfers and Exchange Rates

The system requires a valid exchange rate relationship when you transfer inventory with different base currencies. The system uses this exchange rate when converting the “From” Company’s base currency inventory cost to the “To” Company’s base currency inventory cost.

The system defaults the Exchange Rate type for a transfer order based on the following hierarchy:

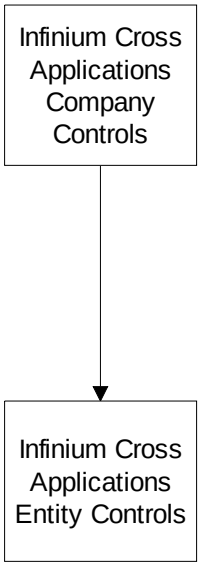


Figure F-9: Transfer Order Exchange Rate Hierarchy

If you do not specify an Exchange Rate type in the *Work with Company Controls* option in Infinium CA, the system looks to the *CM Exchange Rate Type* field in the CM Integration Information attribute of the *Work with Entity Controls* option in Infinium CA.

The CM Integration Information attribute in Infinium CA uses the control file hierarchy to search for an Exchange Rate type. If you do not specify an Exchange Rate type in either the Company or Entity Controls, when you create a warehouse transfer order the system flags the *Exchange Rate Type* field as being in error and display an error message.

Creating Transfer Orders

When you create a transfer order, the system increases committed issue/transfer inventory at the originating warehouse. At the destination warehouse, the on-order-from-warehouse inventory shows an increase. The affect of inventory increases and decreases on available and on-hand inventory totals depends on how you define your Inventory Type file within Infinium IC Control Files.

The system generates accounting transactions at each step of the transfer order process. When you complete a transfer, necessary adjustments are made for unequal ship and receive quantities. Define the Adjustment type for the unequal quantities in the *Receive Transfer Orders* option.

Use the menu path below.

- *Inventory Control*
- *Warehouse Transfer Orders*
  - *Create Transfer Orders* [CTO]

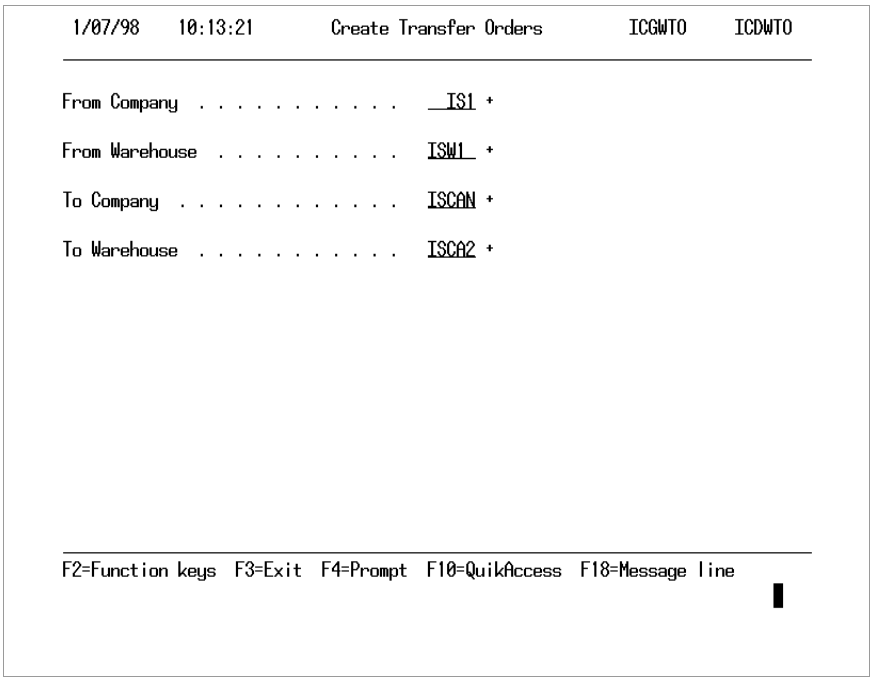


Figure F-10: Create Transfer Orders prompt screen

You must complete all the fields on the prompt screen.

Press F4 to prompt on the *From Company*, *From Warehouse*, *To Company*, and *To Warehouse* fields to display a list of valid company and warehouse identifiers, or type the appropriate codes in the fields.

Press Enter to continue to the next screen.

If the “To” warehouse is on standard cost and is multi-currency, and you are performing an inter-company transfer between companies with difference base currencies, the system performs some checks. The system checks the “To” company’s *Standard Cost Effective Date* field in the *Work with Entity Controls* option, on the Costing Information screen in Infinium CA. The system also checks the *CM Exchange Rate Types: CA: Item STD Cost* field on the Infinium CA Entity and Company Control files. This field resides on the CM Integration screen. If the system does not find entries, the system displays the following message:

Standard cost exchange date and rate type required.

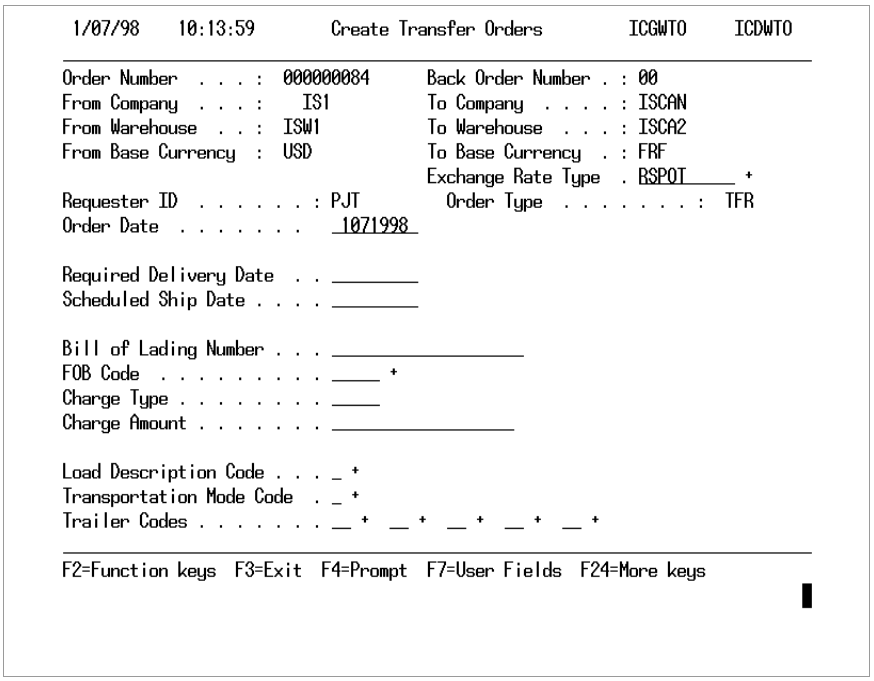


Figure F-11: Create Transfer Orders detail screen

Warehouse Transfer Order Detail

This screen displays when you press Enter from the Create Transfer Order prompt screen.

The system automatically assigns order numbers to new orders and assigns **00** to the *Back Order Number* field.

Exchange Rate Type

This required field displays only when your transfer involves different companies with different base currencies. The system defaults a value in this field from the "To" company's Exchange Rate type value as defined in the Infinium CA Company file, CM Integration attribute, in the *CM Exchange Rate Type Defaults: IC: Warehouse transfer orders* field. If a value is not in the Company file, the system searches the Infinium CA Entity file. If no value is found in either place, the system displays the following message:

Rate type is required.

If the system finds an Exchange Rate type, but a conversion relationship involving the "To" company's base currency, the "From" company's base currency, and the rate type does not exist in Infinium CM, the system displays an error message.

Order Date

The system requires an entry in this field. This field defaults to the current system date.

Charge Type, Charge Amount

You can add a transfer order charge type and amount to the transfer order. For example, you could add a freight charge of $100. The data is informational only. Infinium PL generates these accounting entries; therefore, there are no currency implications.

Edit and display the warehouse address by pressing F9. Press F7 to view and complete any active user-defined fields. Define user-defined fields in the *Code Files* menu in Infinium CA. Define user-defined fields as required entries, or use them to build general ledger account numbers.

Press Enter to continue.

Transfer Order Line Items

You can display this screen in one of two ways. Press Enter from the Create Transfer Orders detail screen or from the Create Transfer Orders Warehouse Address screen.

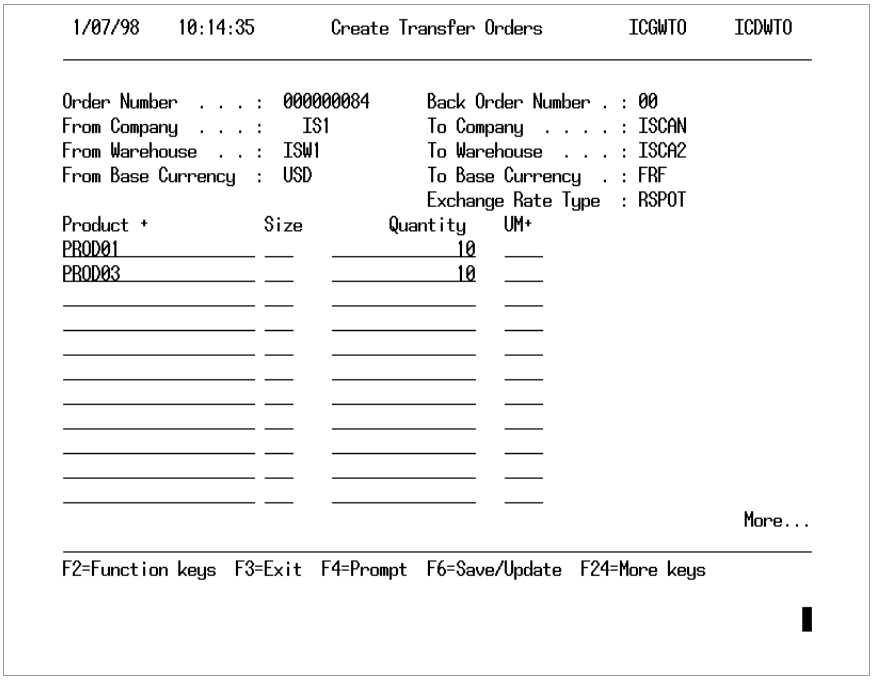


Figure F-12: Create Transfer Orders Line Item screen

Use this screen to add line items to the transfer order. Press F4 to prompt on the *Product* field and choose from a list of valid product codes, or type a valid code in the *Product* field. You can also transfer raw materials using the *Product* field. In the *Product*, *Size*, *Qty,* and *UM* fields, type the item identifiers of the inventory to transfer. You can also specify storage indexes from which to take inventory.

If the same product is listed consecutively on the transfer order, an error message displays.

Displaying Storage Indexes

To display the Create Transfer Orders Storage Index detail screen, press F9. If you do not know the storage indexes from which the inventory will ship, press F4 on a storage index field to display an Inventory by Storage Index prompt window. This shows only locations where the item currently exists in the product inventory file.

Displaying All Available Inventory by Storage Index

To display available inventory by storage index for a specific item, press F21.

When you create a transfer order, the system looks at the available inventory to validate the order quantity.

The Create Transfer Orders Storage Index detail screen is shown below.

Transfers From Multiple Storage Indexes

This screen displays when you press F9 on any line item that displays on the Create Transfer Orders Line Item screen.

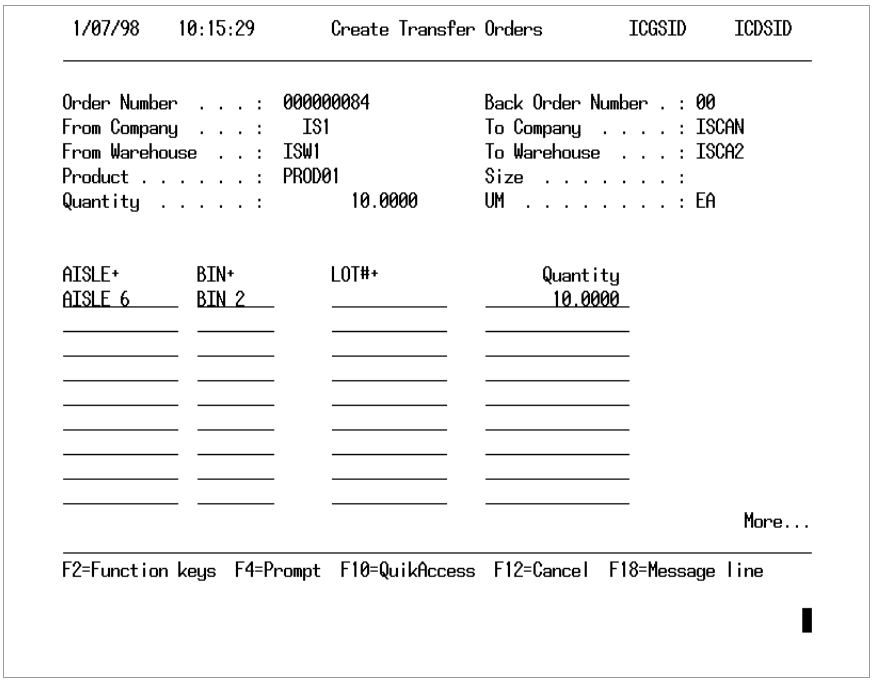


Figure F-13: Create Transfer Orders Storage Index detail screen

From this point, you can transfer the item from several storage indexes.

The total of the storage index quantities must equal the quantity of the line item.

When you press F4 to prompt on the storage index fields, the system displays an Inventory by Storage Index prompt window. This shows only locations where the item currently exists in the product inventory file.

Press F21 to display available inventory for the specific item.

Press Enter to review line items from the Create Transfer Orders Line Item screen.

Selecting a Location for Transferring Inventory

This screen displays when you press F21 from the Create Transfer Orders Line Item screen.

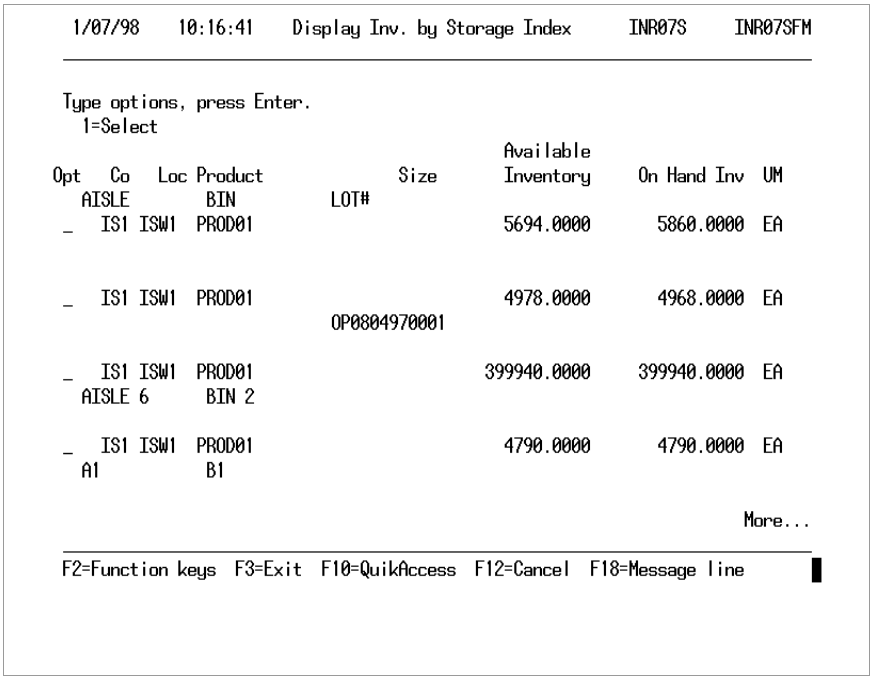


Figure F-14: Display Inv. by Storage Index screen

Type **1** in the *Opt* field to display the Inventory Type selection screen.

Press F12 or F3 to redisplay the Create Transfer Orders Line Item screen.

Press F7 to override defaults.

Overriding Line Item Costs

This window displays when you press F7 from the Create Transfer Orders Line Item screen. Press F7 again to access user fields.

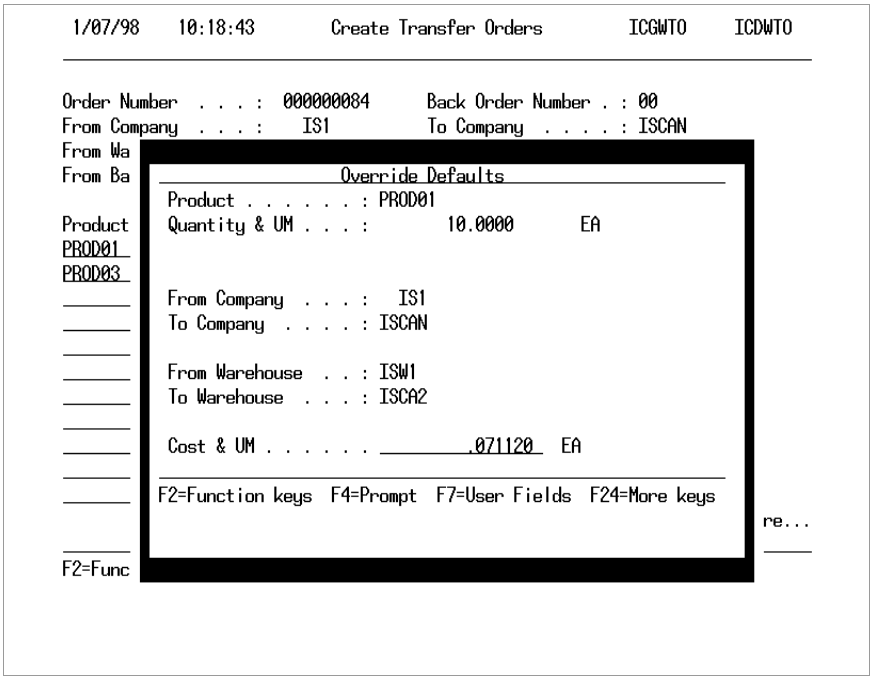


Figure F-15: Override Defaults window

Modifying Transfer Orders

You can add items to an order or change fields on an order using this option.

Use the menu path below.

- *Inventory Co*
- *Warehouse Transfer Orders*
  - *Modify Transfer Orders* [MTO]

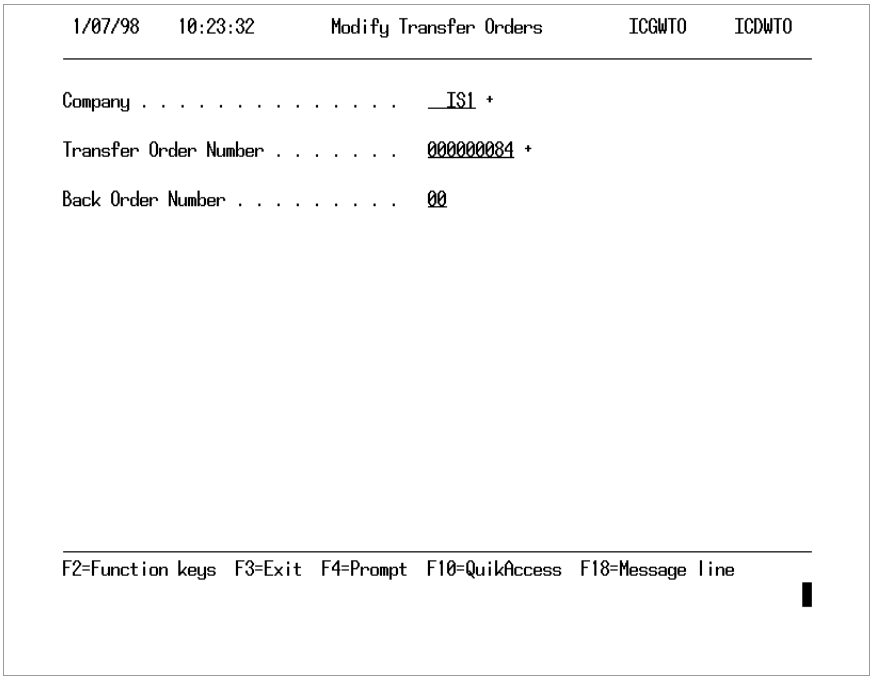


Figure F-16: Modify Transfer Orders prompt screen

You must complete all the fields on the Modify Transfer Orders prompt screen.

Type the order number you want to modify in the *Transfer Order Number* field, or press F4 to display a list of transfer orders from which you can select a valid entry.

After you complete these fields, press Enter.

You cannot modify a transfer order once you print the pick list.

Line Item Details

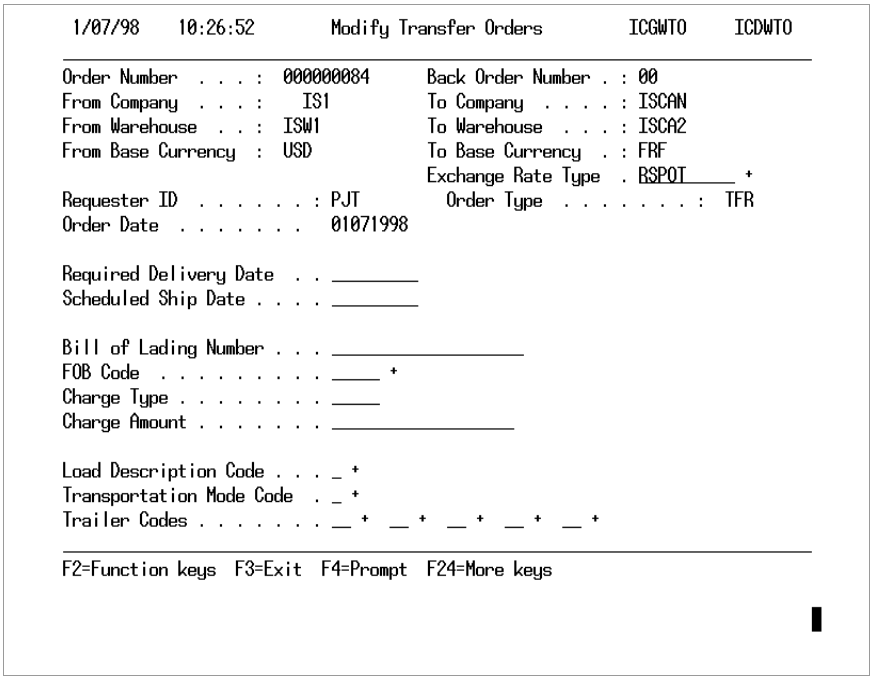


Figure F-17: Modify Transfer Orders detail screen

You can modify the *Exchange Rate Type* field.

Press F9 to display the Modify Transfer Orders Line Item screen, where you can modify warehouse addresses.

Press Enter to continue.

Modifying Line Items

This screen displays when you press Enter from the Modify Transfer Orders detail screen.

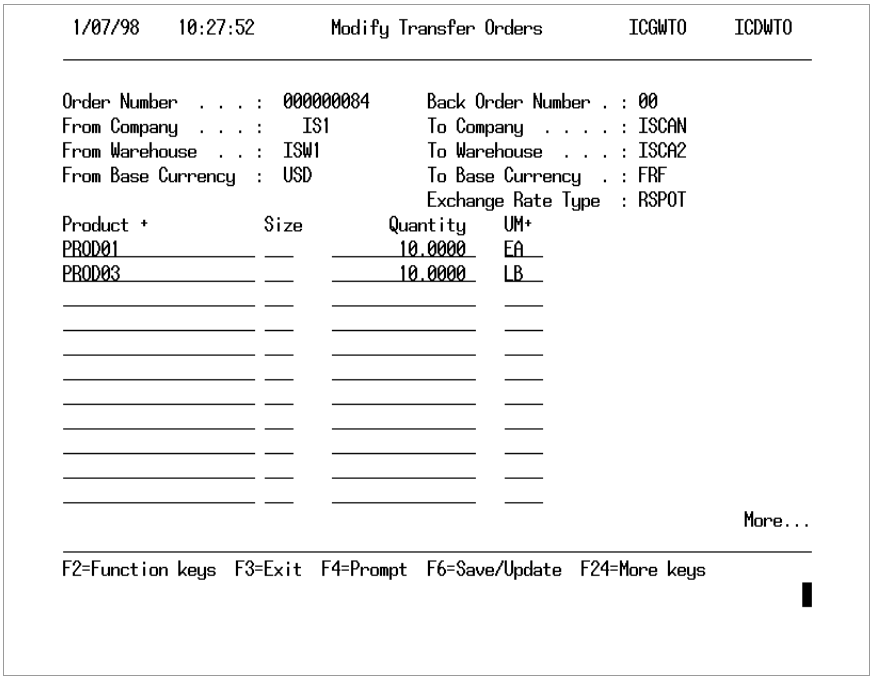


Figure F-18: Modify Transfer Orders Line Item screen

Use this screen to modify line items or add additional items to an order.

You cannot transfer more than the available inventory. If you try to transfer more than the available inventory, a message displays at the bottom of the screen indicating that the quantity you are requesting exceeds available inventory.

If you change the value in the *Quantity* field, the system adjusts the committed issue/transfer and on-order-from-warehouse inventory for each item that you modify on the transfer order.

From the Modify Transfer Orders Line Item screen, you can perform several tasks via function keys.

The following table defines the function keys available and their use.

Function Key	Purpose
F6	Press F6 to update the warehouse transfer order.
F7	Press F7 to override inventory costs and user-defined fields.
F9	Press F9 to modify storage index information.
F20	Press F20 to display line item descriptions.

Function Key	Purpose
F21	Press F21 to display an item’s inventory balances.

Receiving Transfer Orders

To complete a transfer, you must receive inventory from one warehouse at another warehouse. Use this option after you print the pick list and ship a warehouse transfer order. For each item received on the order, the system reduces the in-transit inventory and increases the on-hand inventory at the destination warehouse.

Use the menu path below.

- *Inventory Co*
- *Warehouse Transfer Orders*
  - *Receive Transfer Orders* [RTO]

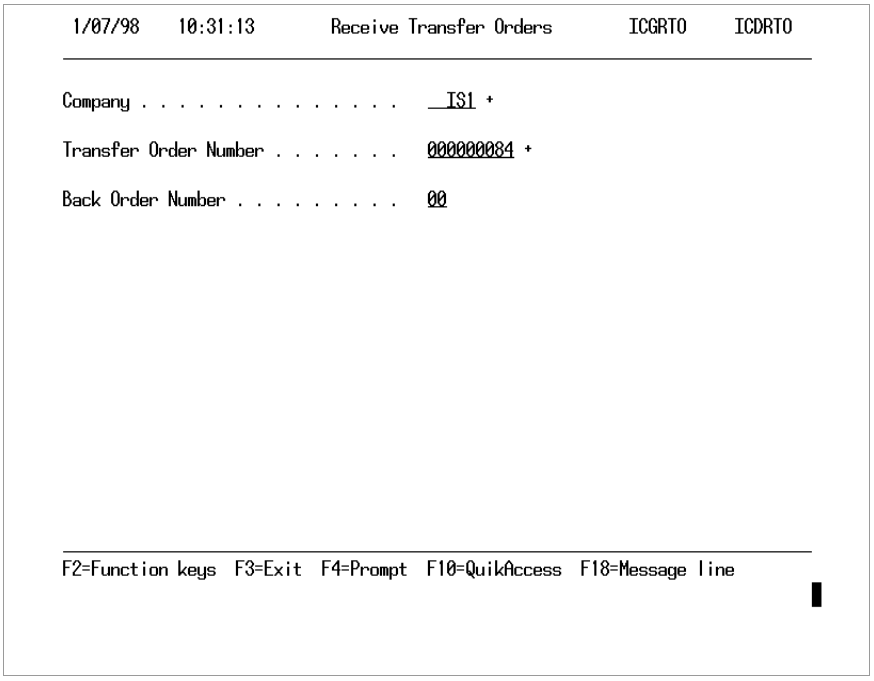


Figure F-21: Receive Transfer Orders header screen

You must complete all the fields on the Receive Transfer Orders header screen.

Transfer Order Number

Type the transfer order number in this field and then press Enter. You can prompt on this field.

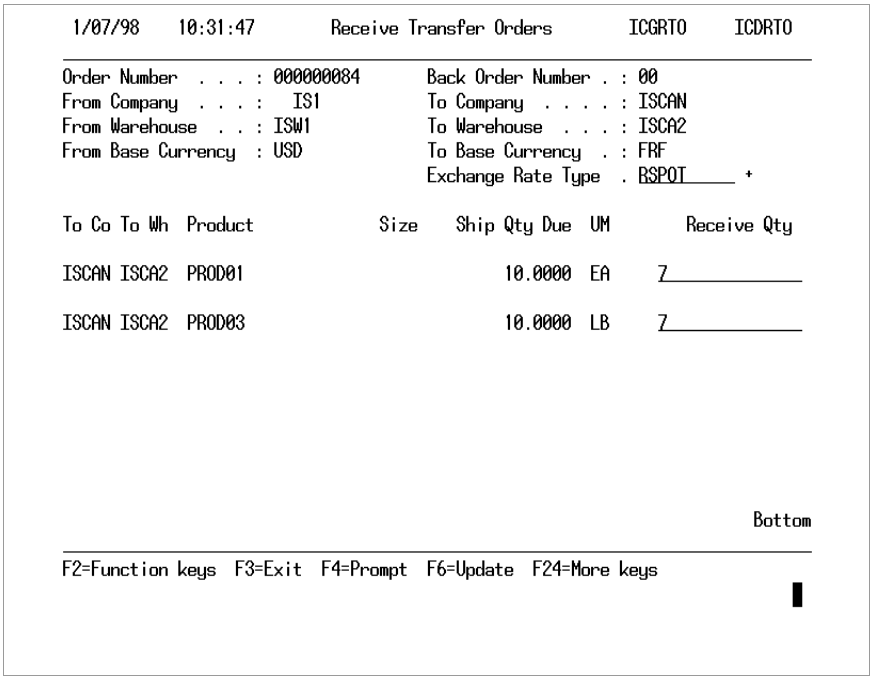


Figure F-22: Receive Transfer Orders detail screen

Exchange Rate Type

This field displays the Exchange Rate type that you entered when you created or modified the transfer order. Because the system has already processed the accounting transactions, this field is display only.

The table below discusses the function keys available and their purpose.

Function Key	Purpose
F6	Press F6 to receive and update the warehouse transfer order.
F9	Press F9 to receive the transfer order into different storage indexes.
F13	Press F13 to display storage indexes from where the transfer came.

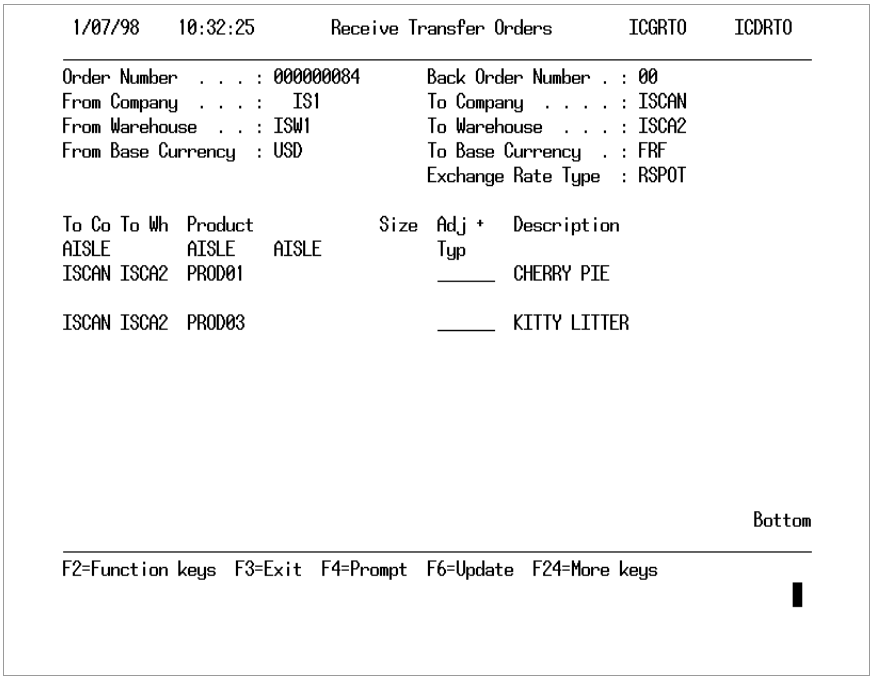


Figure F-23: Receive Transfer Orders description screen

The system displays this screen when you press F20 on the Receive Transfer Orders detail screen.

Adj Typ

Press F4 to display a list of Adjustment types from which to select a valid entry.

If you perform a partial transfer receipt, the system displays the following message:

This transfer order has been partially received.

Press Enter or F6 to establish where you will store the received inventory. After you complete this, press F6 or F3 to complete the receipt. The system may display the Receipt Complete window. This window is shown below.

Receipt Complete Window

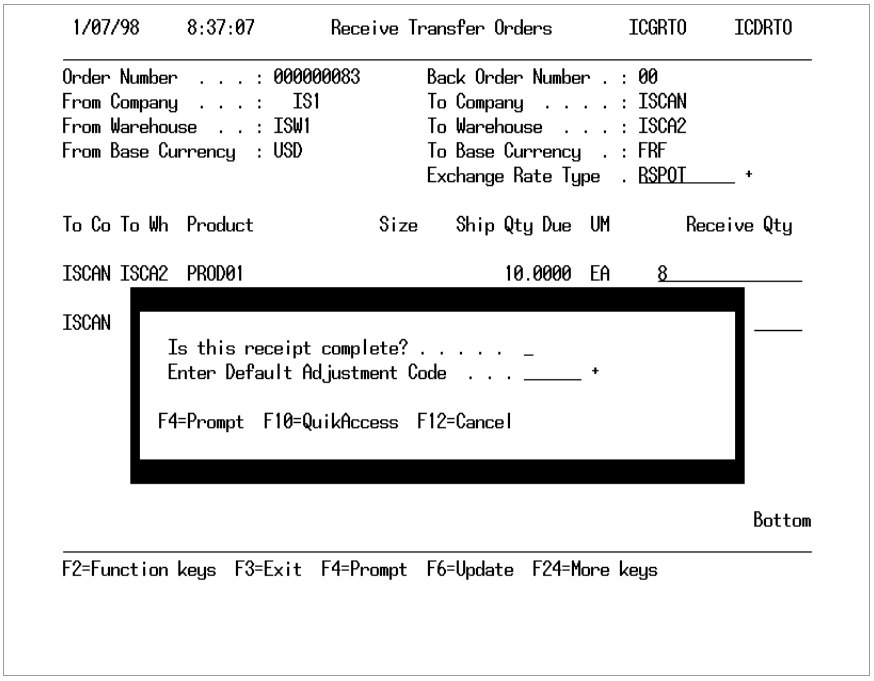


Figure F-24: Receipt Complete window

This window and some of its fields only display if certain conditions exist. These include:

- If your ship quantity does not equal the receive quantity for all line items, the system displays the Receipt Complete window. If your ship quantity equals your receipt quantity you can close and complete this transfer. When you exit this option the system processes the receipt and closes the transfer order.
- The *Enter Default Adjustment Code* field only displays on the Receipt Complete window if you did not enter an Adjustment type on the detail line for items with varying ship and receive quantities.
- If the Receipt Complete window displays, and you type **Y** in the *Is this receipt complete?* field, the system checks to see if the ship quantity differs from the receive quantity and whether the Adjustment type was entered on the detail line for such items. If an Adjustment type was not entered, then the system requires an entry in the *Enter Default Adjustment Code* field. You can prompt on the *Enter Default Adjustment Code* field.

If you type **N** in the *Is this receipt complete?* field, the system retains the Adjustment types, but does not create the adjustment or complete the transfer. You can complete the order later.

If this is a multi-line transfer order and you want to identify some lost inventory , press F12 on the Receipt Complete window and enter a “Lost” Adjustment type on specific detail lines that were lost and then press F3 again. The system then redisplays the Receipt Complete window and you can enter a “Damaged” Adjustment type, which applies to all lines with varying receipt and ship quantities and with no Adjustment types.

Understanding Infinium IC Accounting Entries with Currency

The following examples illustrate the accounting entries made by Infinium IC with multiple currency processing. For more information, refer to the *Infinium Journal Processor Guide to Setup and Processing*.

Example #1: Warehouse Transfer Order with Cost Override and Receipt Adjustment on Standard Cost Companies (FOB Origin)

This example details accounting entries made for a transfer order with cost overrides and a receipt adjustment. The receipt has a FOB origin and the companies are standard cost. The “From” company’s base currency is GBP and the “To” company’s is DEM. The “From” company’s inventoried item’s standard cost is 1000 GBP and the “To” company’s is 3300 DEM. The standard exchange rate is 3 DEM = 1 GBP. The “From” company’s inventoried item’s cost override is 750 GBP. The ship quantity is 10 and the received quantity is 8.

Warehouse Order Ship Calculations *(Spot Rate 4 DEM = 1 GBP)*

Debit	In-Transit Inventory To Warehouse/Company	17,500 GBP 70,000 DEM
Credit	Inventory From Warehouse/Company	10,000 GBP 40,000 DEM
	Transfer Cost Adjustment From Warehouse/Company	7,500 GBP 30,000 DEM
Debit	Intercompany Receivables From Warehouse/Company	17,500 GBP 70,000 DEM
Credit	Intercompany Payables To Warehouse/Company	17,500 GBP 70,000 DEM

Warehouse Order Receipt Calculations *(Spot Rate 2 DEM = 1 GBP)*

Debit	Inventory To Warehouse/Company	8,800 GBP 26,400 DEM
	Variance To Warehouse/Company	5,200 GBP 15,600 DEM

Warehouse Order Ship Calculations *(Spot Rate 4 DEM = 1 GBP)*

	Exchange Variance	0 GBP
	To Warehouse/Company	14,000 DEM
Credit	In-Transit Inventory	14,000 GBP
	To Warehouse/Company	56,000 DEM

Receipt Complete Calculation (Adjustment)

Debit	Transfer Quantity Adjustment	2,000 GBP
	To Warehouse/Company	8,000 DEM
Credit	In-Transit Inventory	2,000 GBP
	To Warehouse/Company	8,000 DEM

Example #2: Warehouse Transfer Order with Cost Override and Receipt Adjustment on Non-Standard Cost Companies (FOB Origin)

This example details accounting entries made for receiving a warehouse transfer order with cost overrides and a receipt quantity that differs from the ship quantity. The receipt has a FOB origin and the companies are not standard cost. The “From” company’s base currency is GBP and the “To” company’s is DEM. The “From” company’s inventoried item’s standard cost is 1000 GBP and the “To” company’s is 3300 DEM. The standard exchange rate is 3 DEM = 1 GBP. The “From” company’s inventoried item’s cost override is 750 GBP. The ship quantity is 10 and the received quantity is 8.

For non-standard cost transaction, Program PCR020 performs any cost adjustments.

Warehouse Order Ship Calculations *(Spot Rate 4 DEM = 1 GBP)*

Debit	In-Transit Inventory	17,500 GBP
	To Warehouse/Company	70,000 DEM
Credit	Inventory	10,000 GBP
	From Warehouse/Company	40,000 DEM
	Transfer Cost Adjustment	7,500 GBP
	From Warehouse/Company	30,000 DEM
Debit	Intercompany Receivables	17,500 GBP
	From Warehouse/Company	70,000 DEM

Credit	Intercompany Payables To Warehouse/Company	17,500 GBP 70,000 DEM

Warehouse Order Receipt Calculations *(Spot Rate 2 DEM = 1 GBP)*

Debit	Inventory To Warehouse/Company	14,000 GBP 56,000 DEM
Credit	In-Transit Inventory To Warehouse/Company	14,000 GBP 56,000 DEM

Receipt Complete Calculation (Adjustment)

Debit	Transfer Quantity Adjustment To Warehouse/Company	2,000 GBP 8,000 DEM
Credit	In-Transit Inventory To Warehouse/Company	2,000 GBP 8,000 DEM

Example #3: Warehouse Transfer Order with Cost Override and Receipt Adjustment (Under Receipt) for Standard Cost Companies (FOB Destination)

This example details accounting entries made for receiving a warehouse transfer order with cost overrides and a receipt quantity under the ship quantity. The receipt is FOB destination and the companies are standard cost. The “From” company’s base currency is GBP; the “To” company’s is DEM. The “From” company’s inventoried item’s standard cost is 1000 GBP; the “To” company’s is 3300 DEM. The standard exchange rate is 3 DEM = 1 GBP. The “From” company’s inventoried item’s cost override is 750 GBP. The ship quantity is 10 and the received quantity is 8.

There are no currency implications for ship or receipt complete calculations.

Warehouse Order Ship Calculations

Debit	In-Transit Inventory From Warehouse/Company	10,000 GBP
Credit	Inventory From Warehouse/Company	10,000 GBP

Warehouse Order Receipt Calculations *(Spot Rate 2 DEM = 1 GBP)*

Debit	Inventory To Warehouse/Company	8,800 GBP 26,400 DEM

	Variance To Warehouse/Company	5,200 GBP 15,600 DEM
	Exchange Variance To Warehouse/Company	0 GBP (14,000) DEM
Credit	In-Transit Inventory From Warehouse/Company	8,800 GBP 16,000 DEM
	Transfer Cost Adjustment From Warehouse/Company	6,000 GBP 12,000 DEM
Debit	Intercompany Receivables From Warehouse/Company	14,000 GBP 28,000 DEM
Credit	Intercompany Payables To Warehouse/Company	14,000 GBP 28,000 DEM

Receipt Complete Calculation (Adjustment)

Debit	Transfer Quantity Adjustment From Warehouse/Company	2,000 GBP
Credit	In-Transit Inventory From Warehouse/Company	2,000 GBP

Example #4: Warehouse Transfer Order with Cost Override and Receipt Adjustment (Under Receipt) for Non-Standard Cost Companies (FOB Destination)

This example details accounting entries made for receiving a warehouse transfer order with cost overrides and a receipt quantity under the ship quantity. The receipt is FOB destination and the companies are not standard cost. The “From” company’s base currency is GBP; the “To” company’s is DEM. The “From” company’s inventoried item’s standard cost is 1000 GBP; the “To” company’s is 3300 DEM. The standard exchange rate is 3 DEM = 1 GBP. The “From” company’s inventoried item’s cost override is 750 GBP. The ship quantity is 10, the received quantity is 8.

There are no currency implications for ship or receipt complete calculations.

PCR020 performs cost adjustments for non-standard cost transactions.

Warehouse Order Ship Calculations

Debit	In-Transit Inventory From Warehouse/Company	10,000 GBP

Credit	Inventory From Warehouse/Company	10,000 GBP

Warehouse Order Receipt Calculations *(Spot Rate 2 DEM = 1 GBP)*

Debit	Inventory To Warehouse/Company	14,000 GBP 28,000 DEM
Credit	In-Transit Inventory From Warehouse/Company	8,000 GBP 16,000 DEM
	Transfer Cost Adjustment From Warehouse/Company	6,000 GBP 12,000 DEM
Debit	Intercompany Receivables From Warehouse/Company	14,000 GBP 28,000 DEM
Credit	Intercompany Payables To Warehouse/Company	14,000 GBP 28,000 DEM

Receipt Complete Calculation (Adjustment)

Debit	Transfer Quantity Adjustment From Warehouse/Company	2,000 GBP
Credit	In-Transit Inventory From Warehouse/Company	2,000 GBP

Appendix G Understanding ABC Analysis

G

ABC Analysis is a method of ranking your inventory by cost or dollar volume. Rank your inventory from the highest cost items or largest volume of sales, to the lowest cost or volume items for reporting and decision making purposes. For example, perform an ABC Analysis on your company to determine the costliest inventory so you can stock less of it, thereby reducing inventory carrying costs.

ABC Analysis classifies inventory into three categories labeled A, B, and C. Classification A items are items with the highest costs or volume sales, classification B items have middle or nominal costs and sales volumes, and classification C are the lowest cost or lowest volume items in your inventory. Within these three categories you can further classify your inventory for a total of 12 classifications, for example, A1, A2, A3, B1, B2, C1 classifications.

Of the number of different products in your inventory, determine what percentage of your total products fall in category A, B, and C. For example, Table 1 illustrates that 20 percent of a company's products will fall in category A, 20 percent in category B, and 60 percent in C.

ABC Code	Percentage
A	20 %
B	20 %
C	60 %

You have three different costs by which you can rank your inventory:

- Item cost
- Extended inventory cost
- Extended cost usage

Item Cost

When you specify ranking your inventory by item cost, the system examines the item cost of your inventory and ranks the items in order. The system then determines what percentage of items fall into the different ABC categories.

For example, assume you perform ABC analysis on Warehouse 11 only. This requires you to have Item Warehouse file records at the warehouse level for Warehouse 11.

Also assume you have determined in your ABC analysis selection criteria that you are using an analysis based on the following:

Item	Inventory Balance	Unit Cost
Apples	100	$ .50
Bananas	20	$ .30
Kiwis	200	$ .40
Pineapples	50	$1.50
Strawberries	1000	$ .15

Based on the ABC percentages you determined earlier, and the five items in your warehouse, the system determines how many A's, B's, and C's to assign. The system calculates those values as follows:

- 5 items in inventory × .20 = 1 A code
- 5 items in inventory × .20 = 1 B code
- 5 items in inventory × .60 = 3 C codes

Since this analysis is performed strictly by item cost, inventory quantities are ignored. Based on the calculations, the system determines there should be one item assigned to category A, one item assigned to category B, and three items assigned to category C.

The system finds the one item with the highest cost and assigns it to A. The system then finds the one item with the second highest cost and assigns it to category B. Then, the system assigns the remaining items to C, as illustrated below.

Item	Inventory Balance	Unit Cost	Rank	ABC Code
Apples	100	$ .50	2	B
Bananas	20	$ .30	4	C

Item	Inventory Balance	Unit Cost	Rank	ABC Code
Pineapples	50	$1.50	1	A
Strawberries	1000	$ .15	5	C
Kiwis	200	$ .40	3	C

Extended Inventory Cost

Performing ABC Analysis for extended inventory cost requires the system to multiply the inventory quantity of each item by the cost to determine each item's ranking. The inventory balance includes on hand inventory plus any of the inventory types denoted as **3**, On Hand, in the ABC column in the Inventory Type file. This file exists in Infinium IC.

Item	Inventory Balance	Unit Cost	Extended Cost	Rank	ABC Code
Apples	100	$ .50	$ 50	4	C
Bananas	20	$ .30	$ 6	5	C
Kiwis	200	$ .40	$ 80	2	B
Pineapples	50	$ 1.50	$ 75	3	C
Strawberries	1000	$ .15	$ 150	1	A

Extended Usage Cost

Using the extended usage cost of each item, the system looks at manufacturing usage and sales between a date period, which you specify, to determine the item's ranking. The usage information below is based on a two-month period and the system ignores manufacturing usage because this example uses a distribution warehouse, which only has sales data.

Item	Sales	Unit Cost	Extended Cost	Rank	ABC Code
Apples	220	$ .50	$ 110	4	C
Bananas	500	$ .30	$ 150	2	B
Kiwis	250	$ .40	$ 100	5	C

Item	Sales	Unit Cost	Extended Cost	Rank	ABC Code
Pineapples	80	$ 1.50	$ 120	3	C
Strawberries	2500	$ .15	$ 375	1	A

Steps of ABC Analysis

You must first define ABC codes in Infinium CA, *Code Files* and *Work with Code Tables* options with the code type **ABC**.

Using Infinium IC, run the following ABC Analysis options:

1. *Create a Control Identifier*
2. Assign ABC Codes
3. Update ABC Codes
4. Assign Cycle Count Intervals
5. Update Cycle Count Intervals

You can print reports within several options. Refer to the “Performing ABC Analysis” part for details on how to perform these options.