

Oracle Cost Management Tips and Tricks

**OAUG Cost SIG Meeting
January 30, 2019**

Douglas Volz
Douglas Volz Consulting
doug@volzconsulting.com

Agenda

- Welcome to Our Session!
- 2019 First Quarter Schedule
- Costing Little Known Features and Workarounds

OAUG Cost SIG First Quarter Schedule

- January 30, 2019 - Tips and Tricks for EBS Cost Management
- February 19, 2019 - Cloud Costing Discovery and Inventions for End-to-End Solutions
- March 19, 2019 - Fundamentals of Value Stream Costing

Tips and Tricks

Introduction – Do You Ever Feel Like This?



Introduction

- This presentation is for both Release 11i & 12
- The objective is to find out about better ways to use Oracle Cost Management for your everyday work
- Get suggestions on standard features you may not be using

Agenda

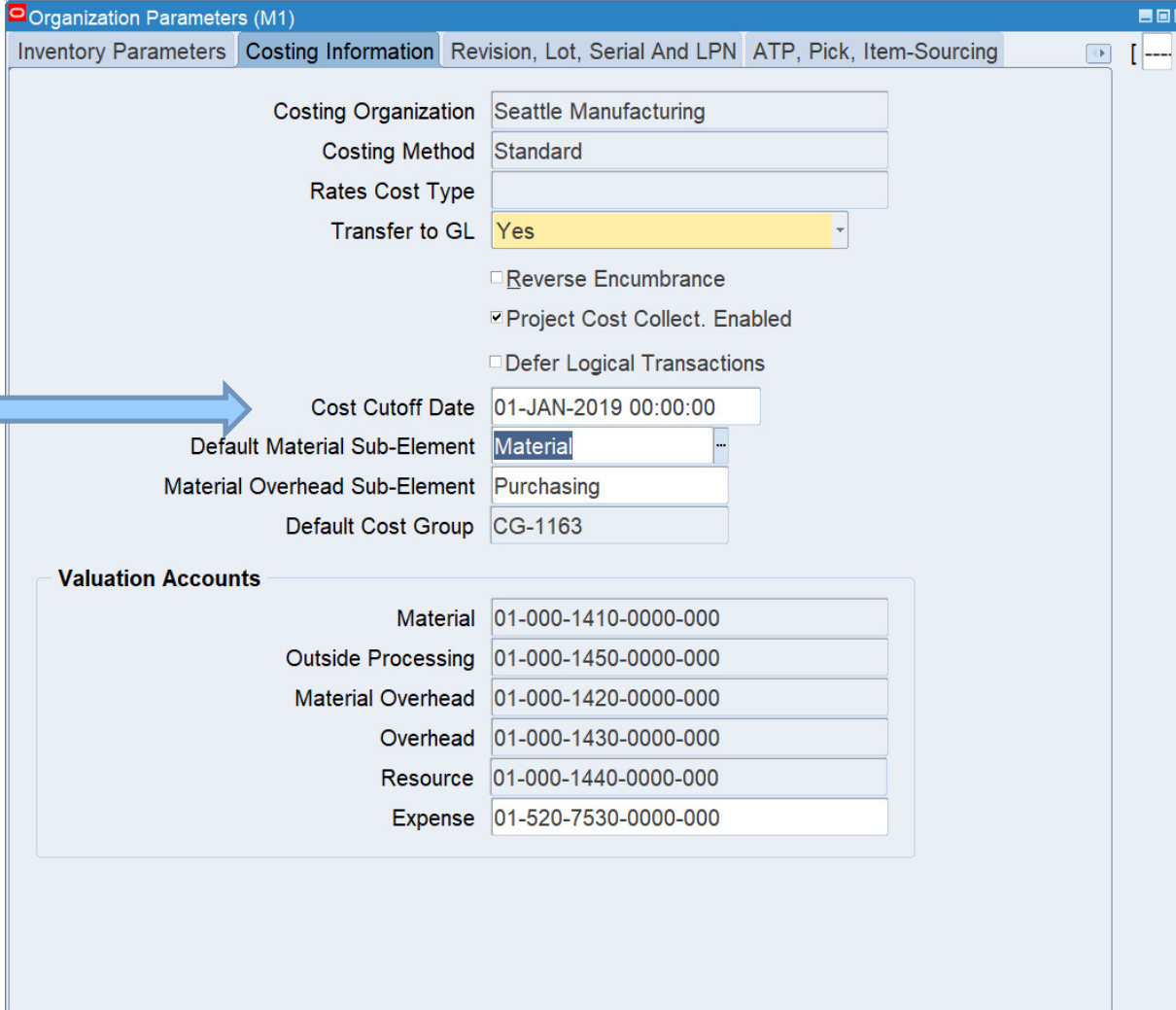
- Get suggestions on features or setup changes that may help you:
 - Cost cut-off date
 - Cost type setup
 - Currency formatting / extended decimal precision
 - Custom mass edits
 - Data verification audits
 - Defaults for job close and standard cost update
 - Inventory reconciliation
 - Interface error checking & reports
 - Item cost mass load tools

Agenda

- Get suggestions on features or setup changes that may help you:
 - Period open/close by organization hierarchy
 - Quantity decimal formatting on cost reports
 - Material overhead defaults
 - Material overhead absorption rules
 - Transaction Value Historical Summary Report
 - Reporting tools

Cost Cut-Off Date

Menu path: Cost Management - SLA => Setup => Account Assignment => Organization Parameters



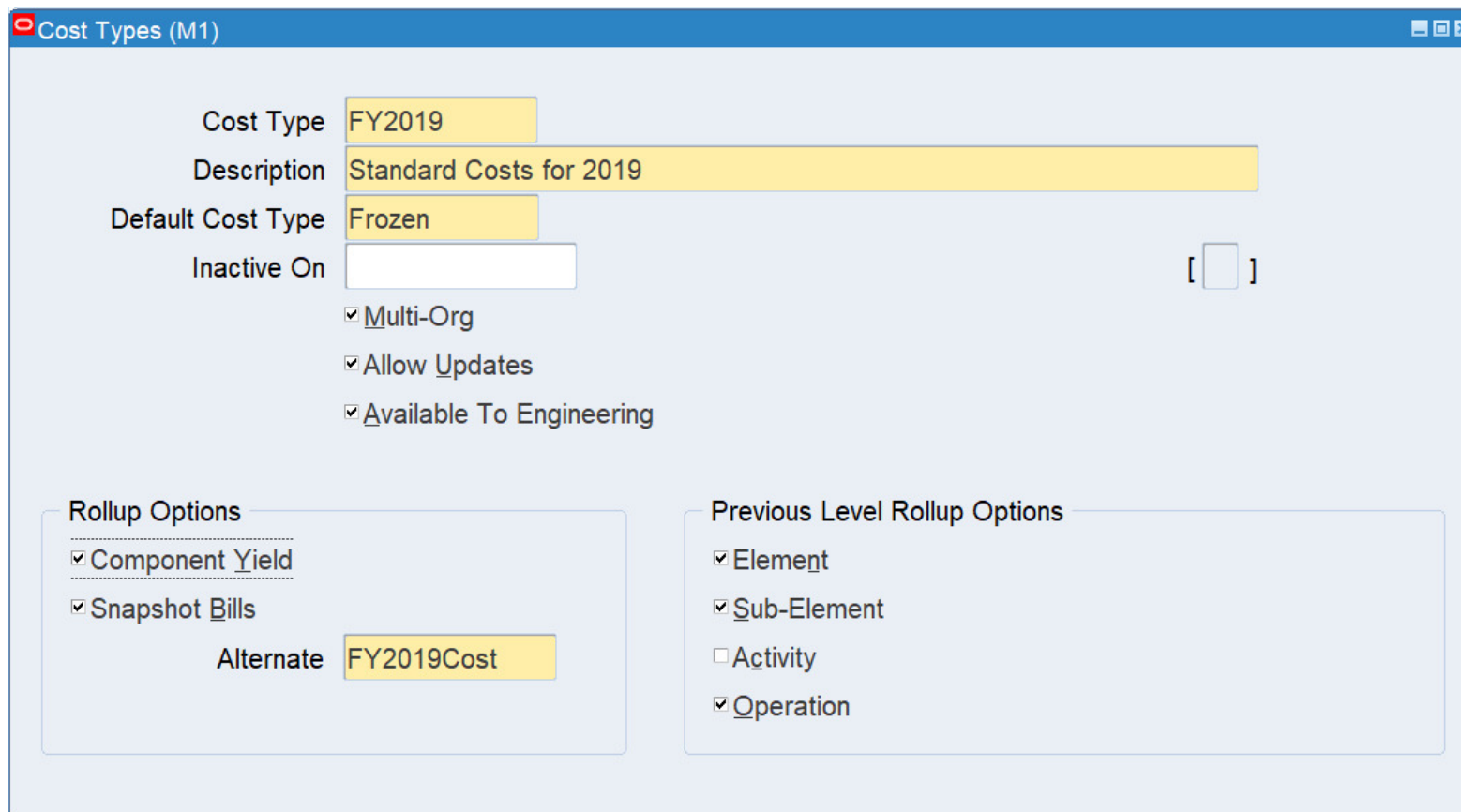
Valuation Accounts	
Material	01-000-1410-0000-000
Outside Processing	01-000-1450-0000-000
Material Overhead	01-000-1420-0000-000
Overhead	01-000-1430-0000-000
Resource	01-000-1440-0000-000
Expense	01-520-7530-0000-000

Cost Cut-Off Date

- The Inventory & WIP Cost Processors will not cost transactions as of the cost cut-off date
- Typically used at month-end and year-end
 - Helps with overlapping inventory accounting periods
- Use it with your annual cost rollup and standard cost revaluation (standard costing)
- Use it to stop costing to allow you to enter your new year AvgRates cost type information (average or FIFO costing)

Cost Type Controls

Menu path: Cost Management - SLA => Setup => Cost Types



Cost Types (M1)

Cost Type: FY2019

Description: Standard Costs for 2019

Default Cost Type: Frozen

Inactive On: []

☒ Multi-Org

☒ Allow Updates

☒ Available To Engineering

Rollup Options

☒ Component Yield

☒ Snapshot Bills

Alternate: FY2019Cost

Previous Level Rollup Options

☒ Element

☒ Sub-Element

☐ Activity

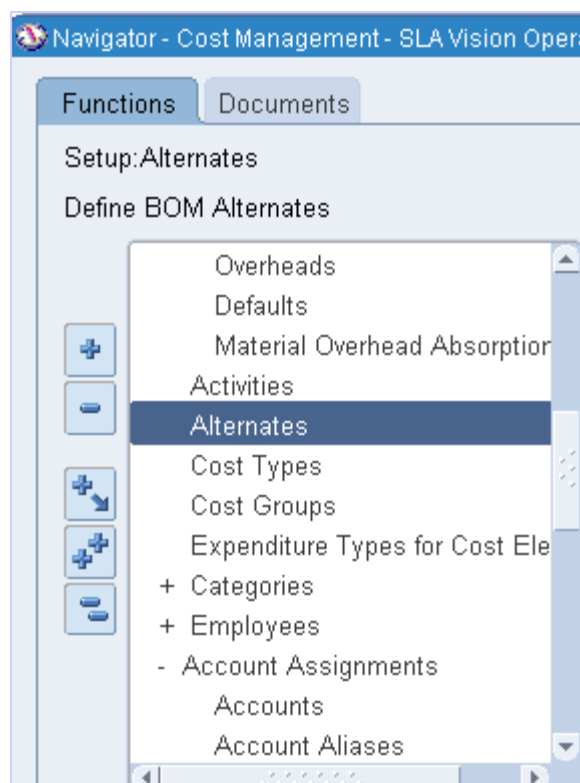
☒ Operation

- Multi-Org
- Allow Updates
- Snapshot Bills
- Previous Level Rollup Options

Cost Type Controls

– Alternate BOMs for Costing

- When you do a full cost rollup, saves your BOM
- Even after months have passed, report prior rolled-up costs

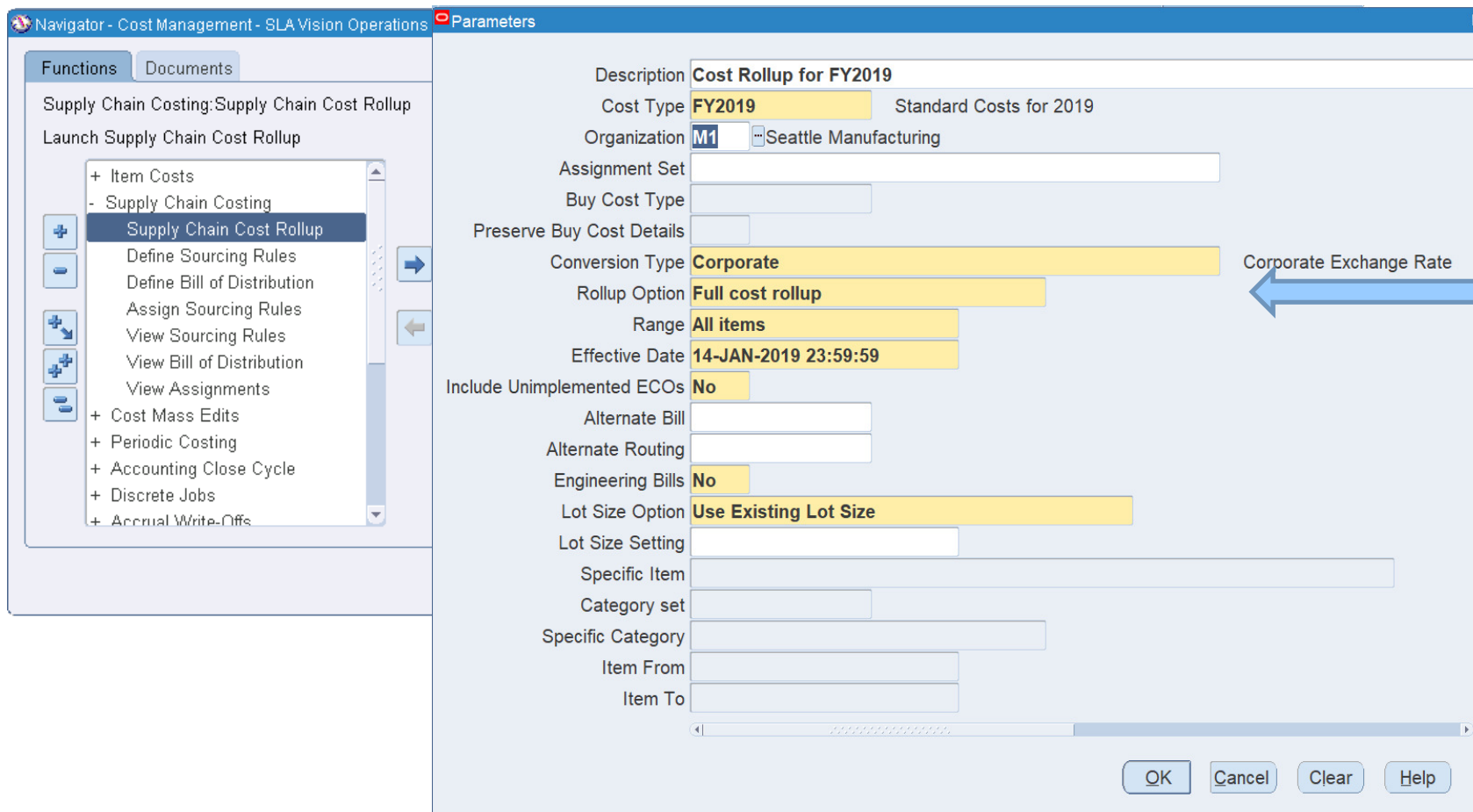


Alternate	Description	Inactive On	[]
DBOM	Design Bill		
FY2019Cost	Costing BOM for 2019		
EBOM	EBOM		
Flow	Flow Alternative		
Hi_Tec	High Tech Structure Name		
LongTest	Detailed Test		
MBOM	Manufacturing Bill (High Level)		
Prototype	Manufacturing Prototype		

Cost Type Controls

– Alternate BOMs for Costing

- When you do a full cost rollup, saves your BOM



Navigator - Cost Management - SLA Vision Operations Parameters

Functions Documents

Supply Chain Costing: Supply Chain Cost Rollup

Launch Supply Chain Cost Rollup

- + Item Costs
- Supply Chain Costing
 - Supply Chain Cost Rollup
 - Define Sourcing Rules
 - Define Bill of Distribution
 - Assign Sourcing Rules
 - View Sourcing Rules
 - View Bill of Distribution
 - View Assignments
- + Cost Mass Edits
- + Periodic Costing
- + Accounting Close Cycle
- + Discrete Jobs
- + Accrual Write-Offs

Description: Cost Rollup for FY2019

Cost Type: FY2019 Standard Costs for 2019

Organization: M1 Seattle Manufacturing

Assignment Set:

Buy Cost Type:

Preserve Buy Cost Details:

Conversion Type: Corporate Corporate Exchange Rate

Rollup Option: Full cost rollup

Range: All items

Effective Date: 14-JAN-2019 23:59:59

Include Unimplemented ECOs: No

Alternate Bill:

Alternate Routing:

Engineering Bills: No

Lot Size Option: Use Existing Lot Size

Lot Size Setting:

Specific Item:

Category set:

Specific Category:

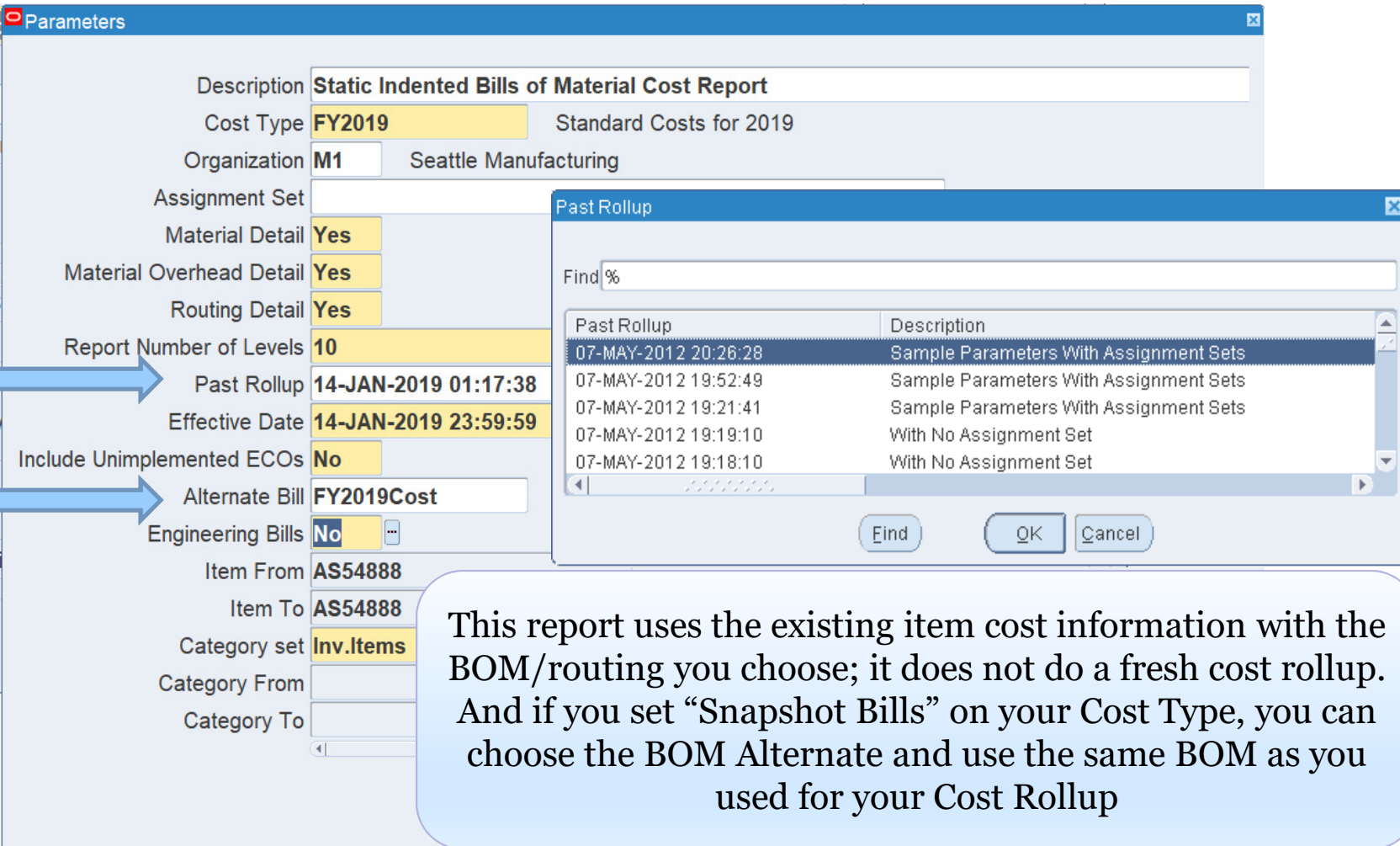
Item From:

Item To:

OK Cancel Clear Help

Supply Chain Indented Bill of Material Cost Report

Menu path: Cost Management => Reports => Cost => Item



Parameters

Description: **Static Indented Bills of Material Cost Report**

Cost Type: **FY2019** Standard Costs for 2019

Organization: **M1** Seattle Manufacturing

Assignment Set:

Material Detail: **Yes**

Material Overhead Detail: **Yes**

Routing Detail: **Yes**

Report Number of Levels: **10**

Past Rollup: **14-JAN-2019 01:17:38**

Effective Date: **14-JAN-2019 23:59:59**

Include Unimplemented ECOs: **No**

Alternate Bill: **FY2019Cost**

Engineering Bills: **No**

Item From: **AS54888**

Item To: **AS54888**

Category set: **Inv.Items**

Category From:

Category To:

Past Rollup

Find %

Past Rollup	Description
07-MAY-2012 20:26:28	Sample Parameters With Assignment Sets
07-MAY-2012 19:52:49	Sample Parameters With Assignment Sets
07-MAY-2012 19:21:41	Sample Parameters With Assignment Sets
07-MAY-2012 19:19:10	With No Assignment Set
07-MAY-2012 19:18:10	With No Assignment Set

Find

OK

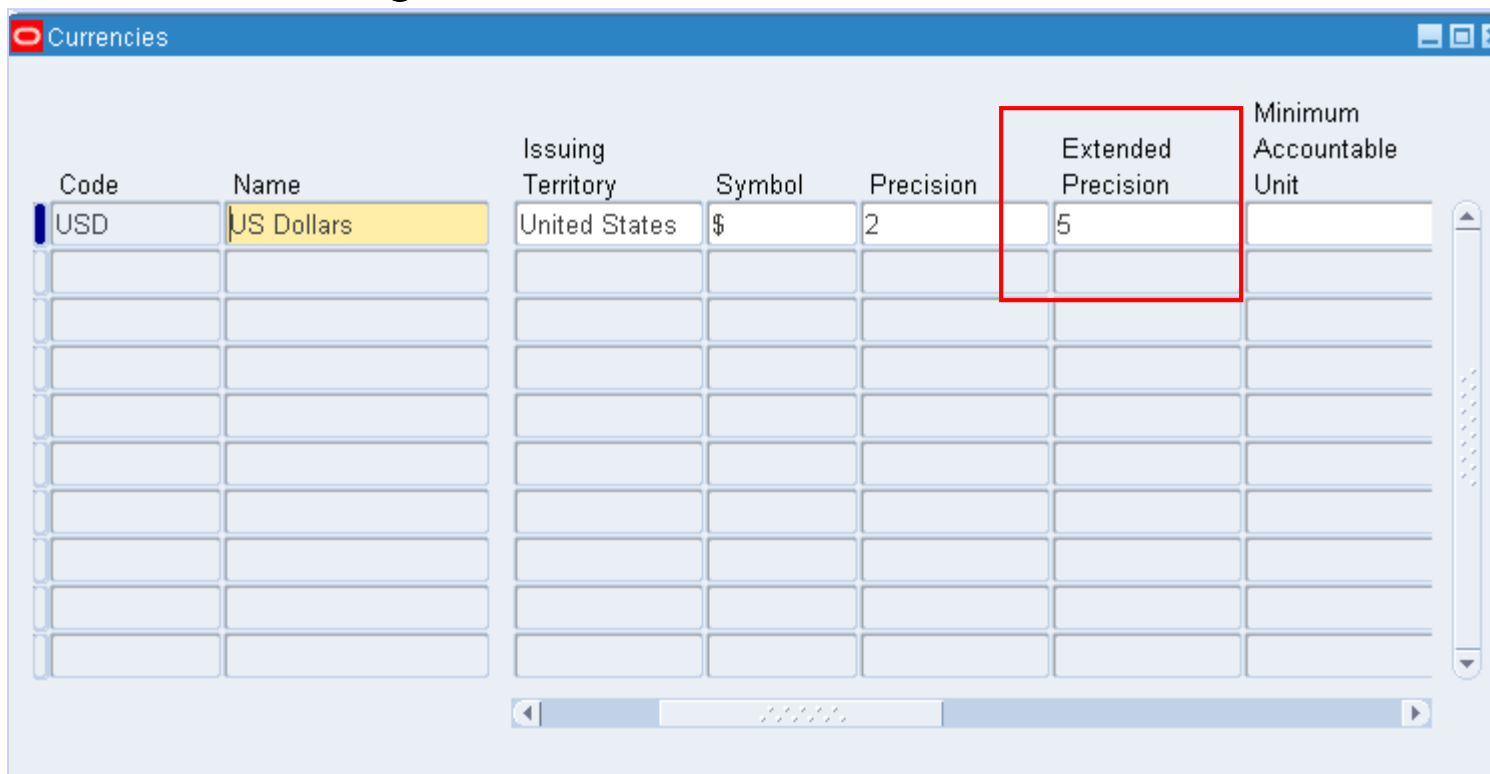
Cancel

This report uses the existing item cost information with the BOM/routing you choose; it does not do a fresh cost rollup. And if you set "Snapshot Bills" on your Cost Type, you can choose the BOM Alternate and use the same BOM as you used for your Cost Rollup

Currency Controls & Decimal Formatting

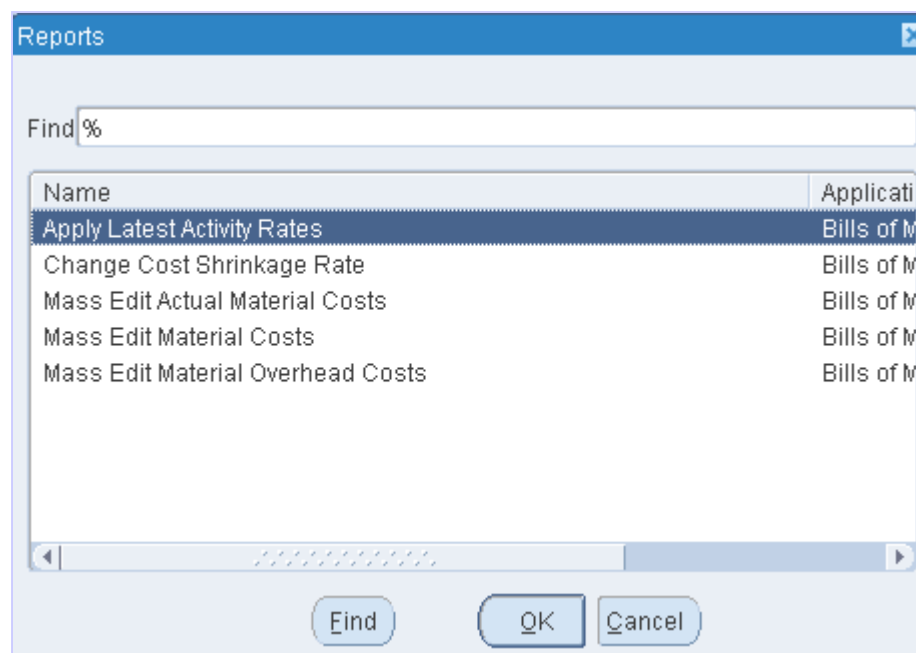
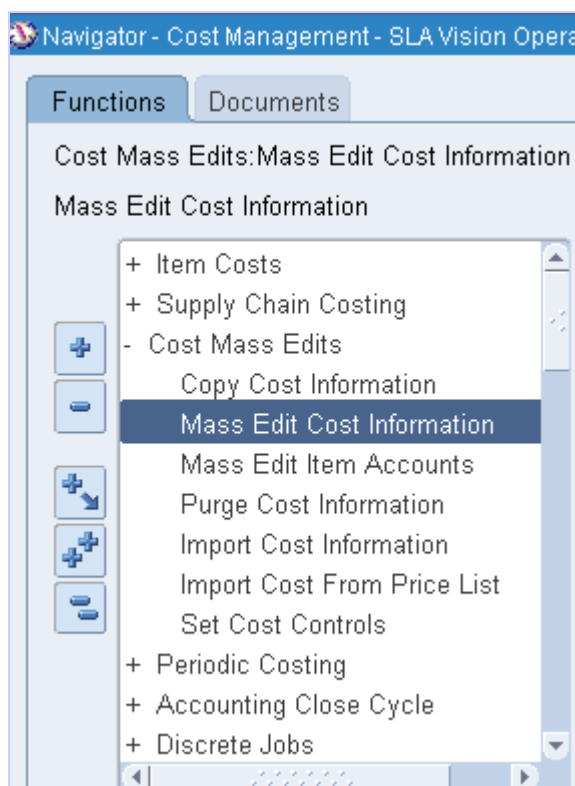
Menu path: Cost Management - SLA => Setup => Financials => Currencies => Currencies

- Change the extended precision to your requirements
- Used by the Cost Processor and all reports showing item costs
- Default value is 5



Code	Name	Issuing Territory	Symbol	Precision	Extended Precision	Minimum Accountable Unit
USD	US Dollars	United States	\$	2	5	

Custom Mass Edits



- What do you do if you want something different?

Custom Mass Edits

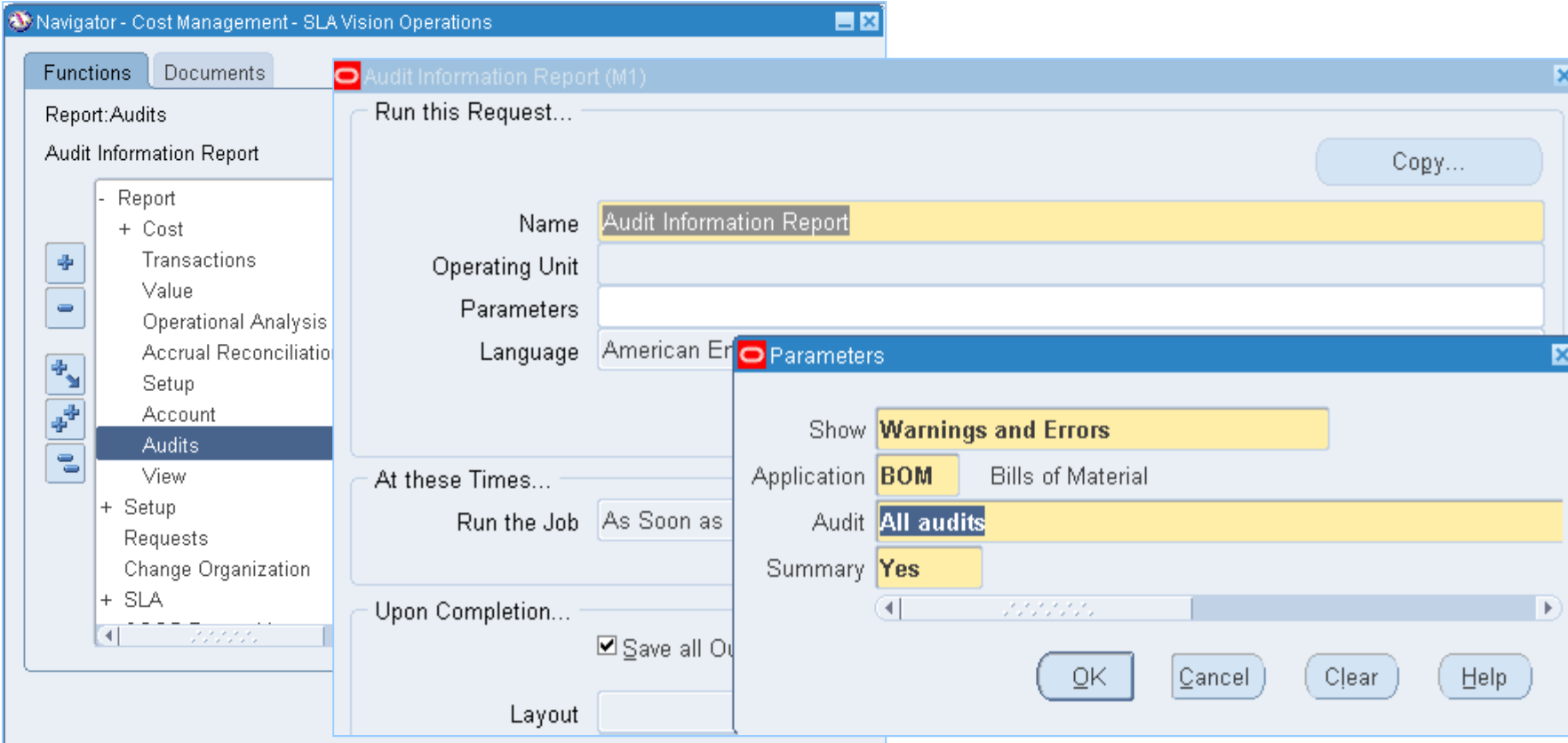
– CST_MASS_EDITS

- Oracle Cost Management has an open architecture so you can create your own custom mass edits
- Common ones include:
 - Last PO Price
 - Multi-org A/P average
 - Changing material overheads across multiple inventory orgs
 - Really, anything multi-org ...
- Mass edits are stored procedures, registered in CST_MASS_EDITS

- MASS_EDIT_ID
- MASS_EDIT_NAME
- DESCRIPTION
- USER_DEFINED
- CONCURRENT_PROGRAM
- PROCEDURE_NAME
- INVENTORY_FLAG
- DISABLE_DATE

Data verification audits

□ For BOM, Engineering & MRP



The screenshot displays the Oracle Navigator interface for Cost Management - SLA Vision Operations. The main window is titled "Audit Information Report (M1)". It features a left-hand navigation pane with a tree structure under "Report: Audits". The "Audits" item is selected. The main area contains fields for "Name" (Audit Information Report), "Operating Unit", "Parameters", and "Language" (American English). A "Run this Request..." button is visible. Below these fields are sections for "At these Times..." (Run the Job: As Soon as) and "Upon Completion..." (Save all On: checked). A "Parameters" dialog box is open, showing settings for "Show" (Warnings and Errors), "Application" (BOM - Bills of Material), "Audit" (All audits), and "Summary" (Yes). The dialog also includes a progress bar and buttons for OK, Cancel, Clear, and Help.

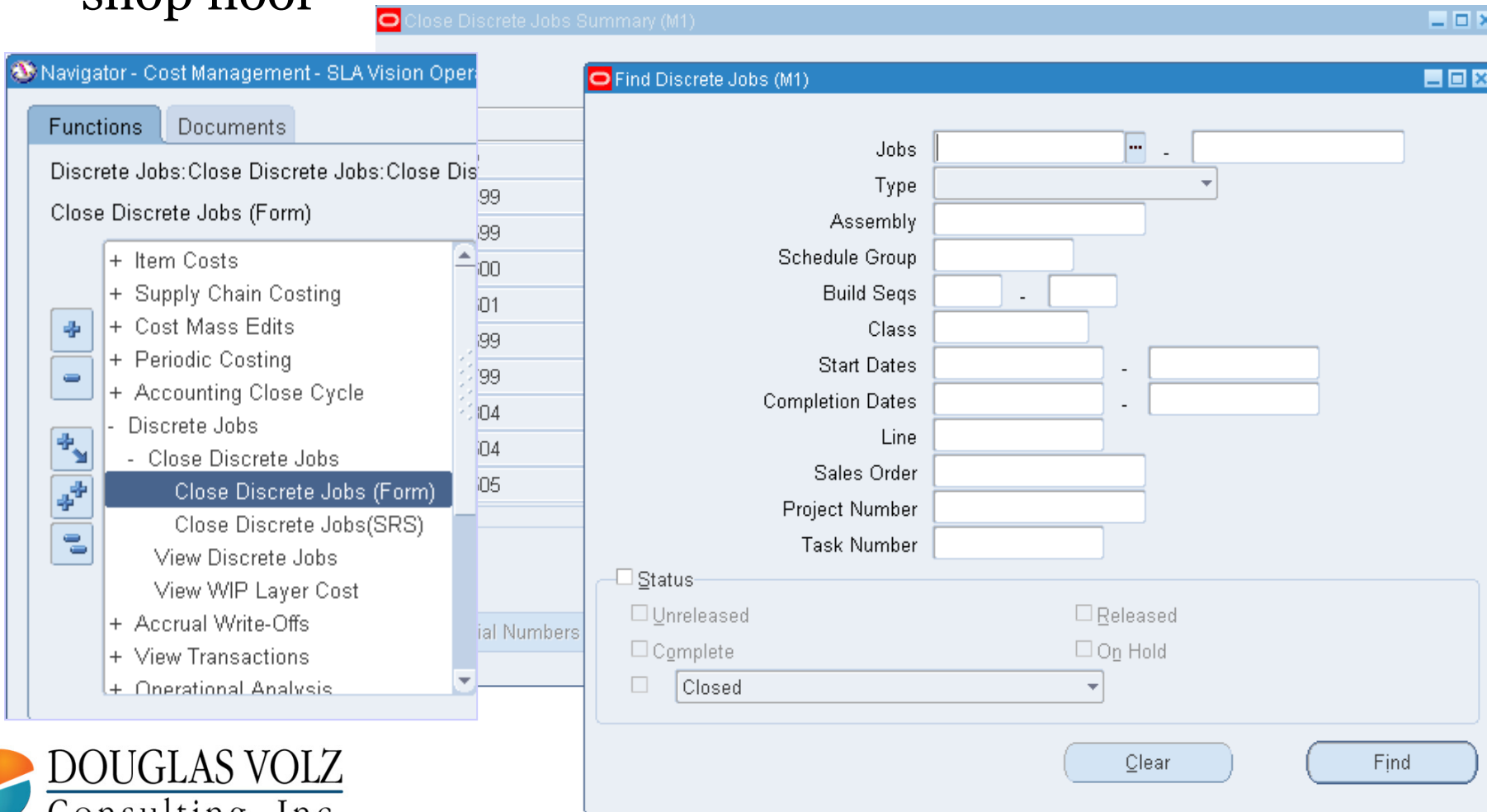
Data verification audits

□ Use to find invalid information, BOM Audit examples:

- Costed items not assigned to the costing category set
- Costed items with no frozen costs
- Bills that are buy items
- Bills with no components
- Components with zero usage quantity

Defaults for Job Close - Form

- ❑ No defaults for job status form / can close your entire shop floor



The screenshot displays the Oracle Cost Management - SLA Vision Oper interface. On the left, the 'Navigator - Cost Management - SLA Vision Oper' window shows a tree view under 'Functions' with 'Close Discrete Jobs (Form)' selected. The right window, 'Find Discrete Jobs (M1)', contains the following fields and options:

- Jobs: [Text Field] - [Text Field]
- Type: [Dropdown]
- Assembly: [Text Field]
- Schedule Group: [Text Field]
- Build Seqs: [Text Field] - [Text Field]
- Class: [Text Field]
- Start Dates: [Text Field] - [Text Field]
- Completion Dates: [Text Field] - [Text Field]
- Line: [Text Field]
- Sales Order: [Text Field]
- Project Number: [Text Field]
- Task Number: [Text Field]

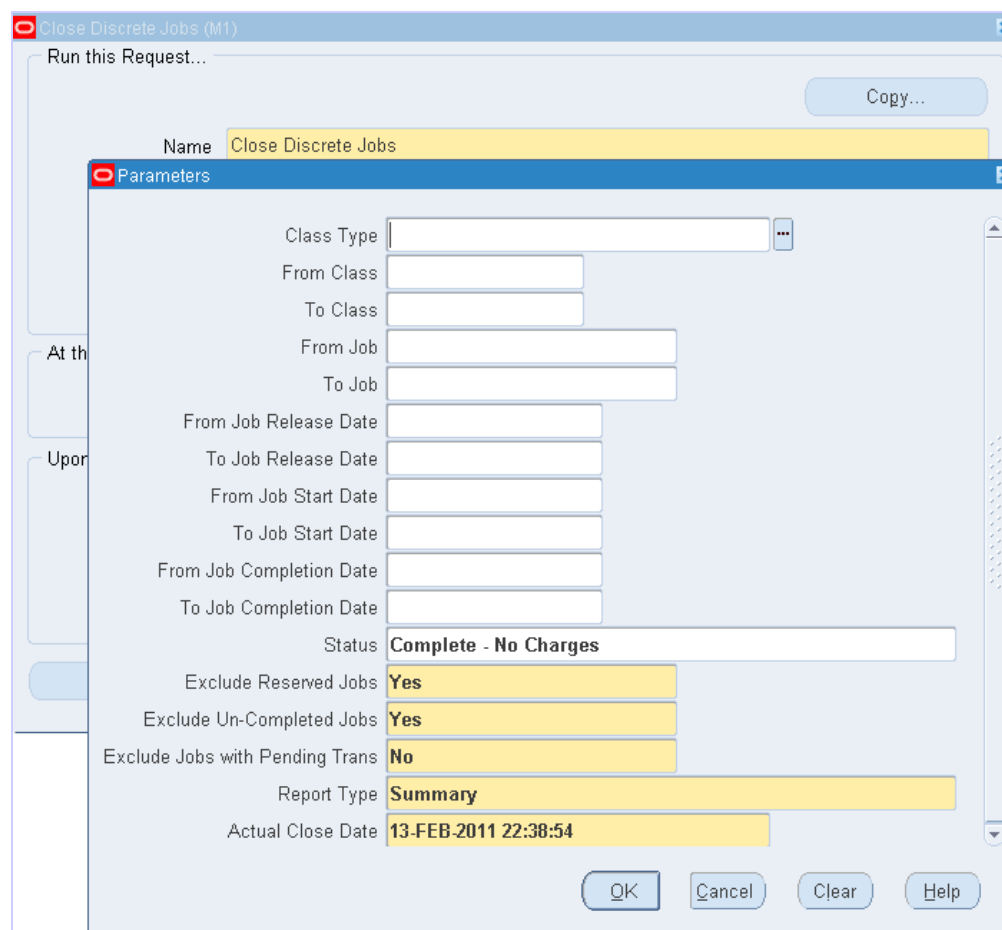
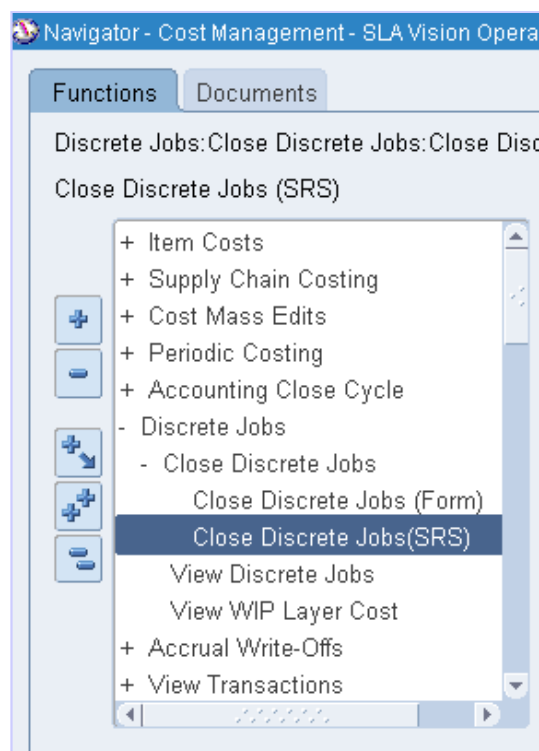
Below these fields, the 'Status' section includes:

- ☐ Unreleased
- ☐ Complete
- ☐ Closed
- ☐ Released
- ☐ On Hold

At the bottom right, there are 'Clear' and 'Find' buttons.

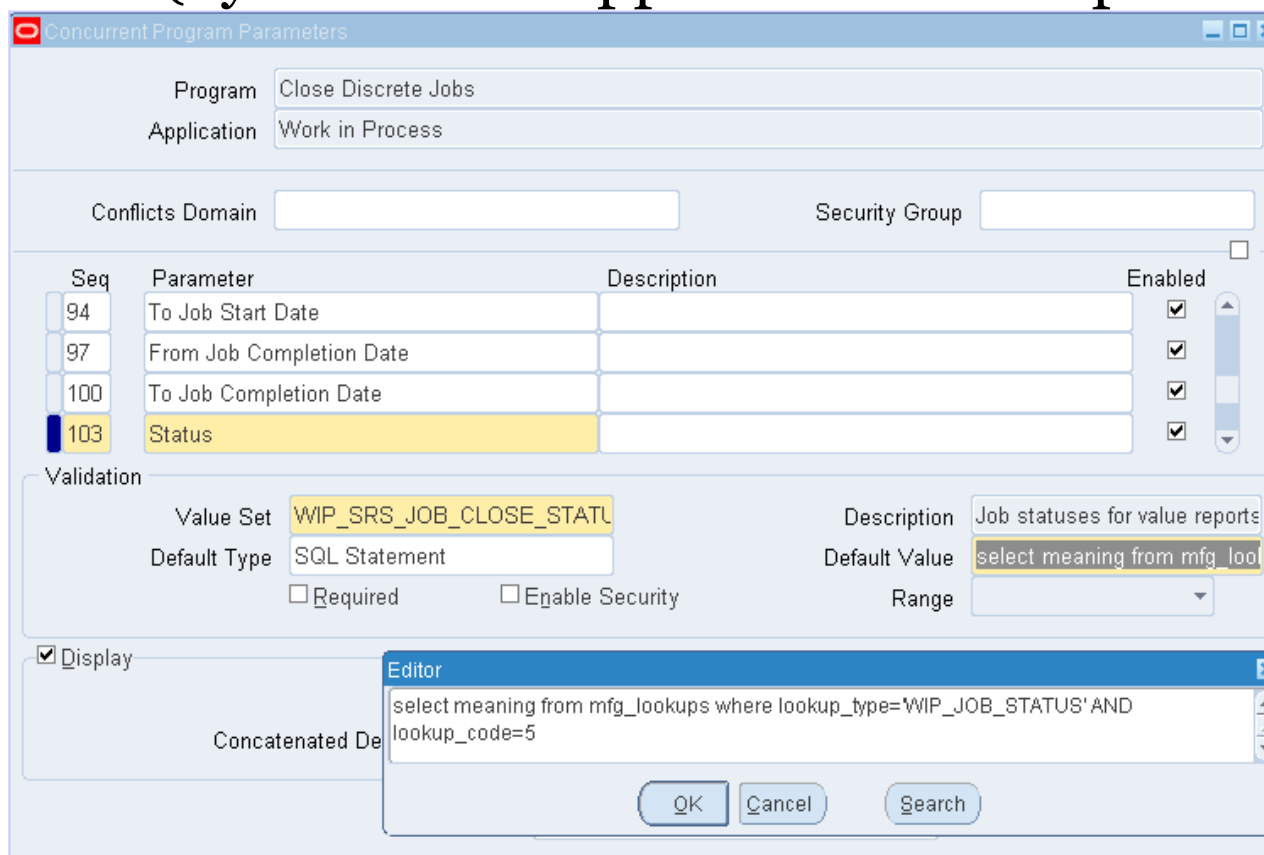
Defaults for Job Close – SRS Launch

- Latest Release 12 SRS Launch does has a default status (but defaults to “Exclude Jobs with Pending Trans: No”)



Defaults for Job Close SRS – How to Change

- Change your defaults in the Concurrent Program Definition (Sysadmin or Application Developer resp.)



The screenshot shows the 'Concurrent Program Parameters' window for the program 'Close Discrete Jobs' under the application 'Work in Process'. The 'Conflicts Domain' and 'Security Group' fields are empty. A table lists parameters with their sequence numbers, descriptions, and enabled status:

Seq	Parameter	Description	Enabled
94	To Job Start Date		<input checked="" type="checkbox"/>
97	From Job Completion Date		<input checked="" type="checkbox"/>
100	To Job Completion Date		<input checked="" type="checkbox"/>
103	Status		<input checked="" type="checkbox"/>

Below the table, the 'Validation' section for the 'Status' parameter is shown:

- Value Set: WIP_SRS_JOB_CLOSE_STATU
- Default Type: SQL Statement
- Required: ☐
- Enable Security: ☐
- Description: Job statuses for value reports
- Default Value: select meaning from mfg_loo
- Range: (empty dropdown)

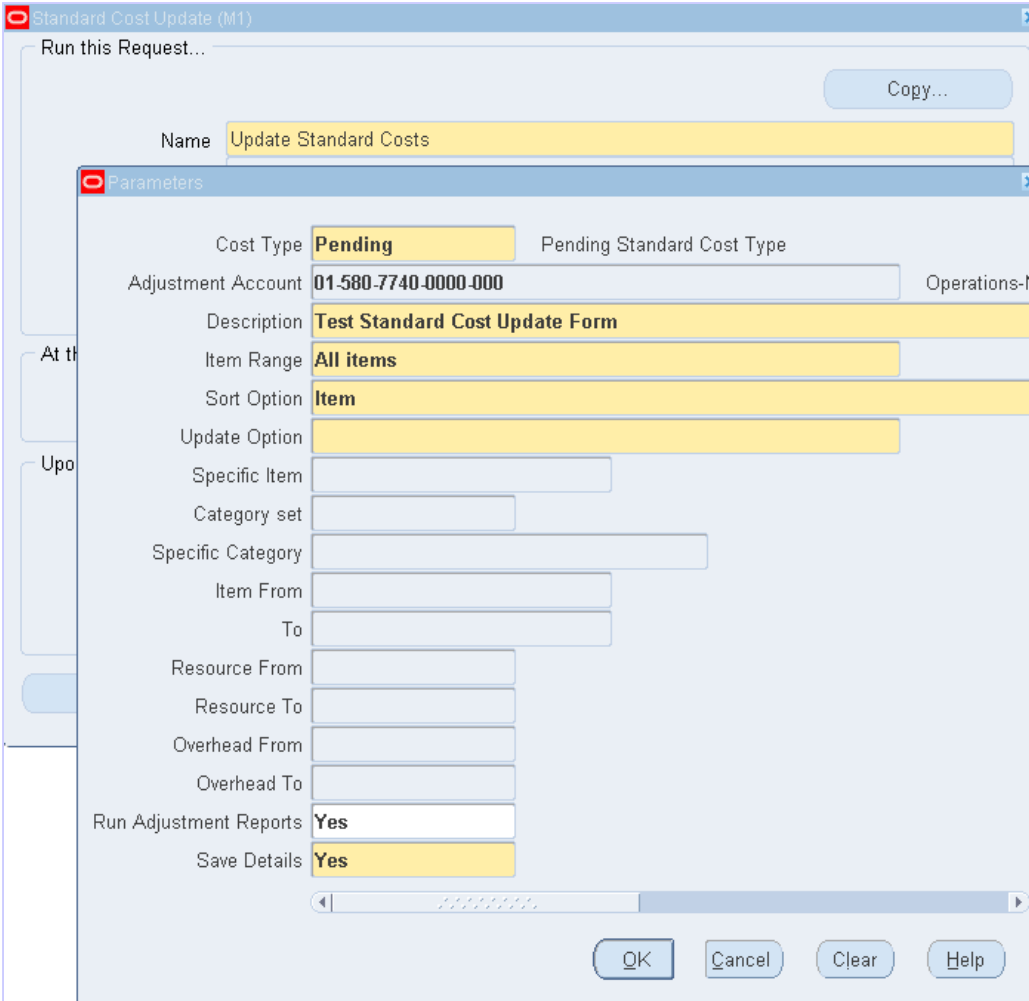
The 'Display' checkbox is checked. An 'Editor' window is open, showing the SQL statement:

```
select meaning from mfg_lookups where lookup_type='WIP_JOB_STATUS' AND
lookup_code=5
```

Buttons for 'OK', 'Cancel', and 'Search' are at the bottom.

Defaults for Standard Cost Update

- Defaults to All Items – you may wish to change this



Standard Cost Update (M1)

Run this Request...

Copy...

Name: Update Standard Costs

Parameters

Cost Type: Pending Pending Standard Cost Type

Adjustment Account: 01-580-7740-0000-000 Operations-1

Description: Test Standard Cost Update Form

Item Range: All items

Sort Option: Item

Update Option:

Specific Item:

Category set:

Specific Category:

Item From:

To:

Resource From:

Resource To:

Overhead From:

Overhead To:

Run Adjustment Reports: Yes

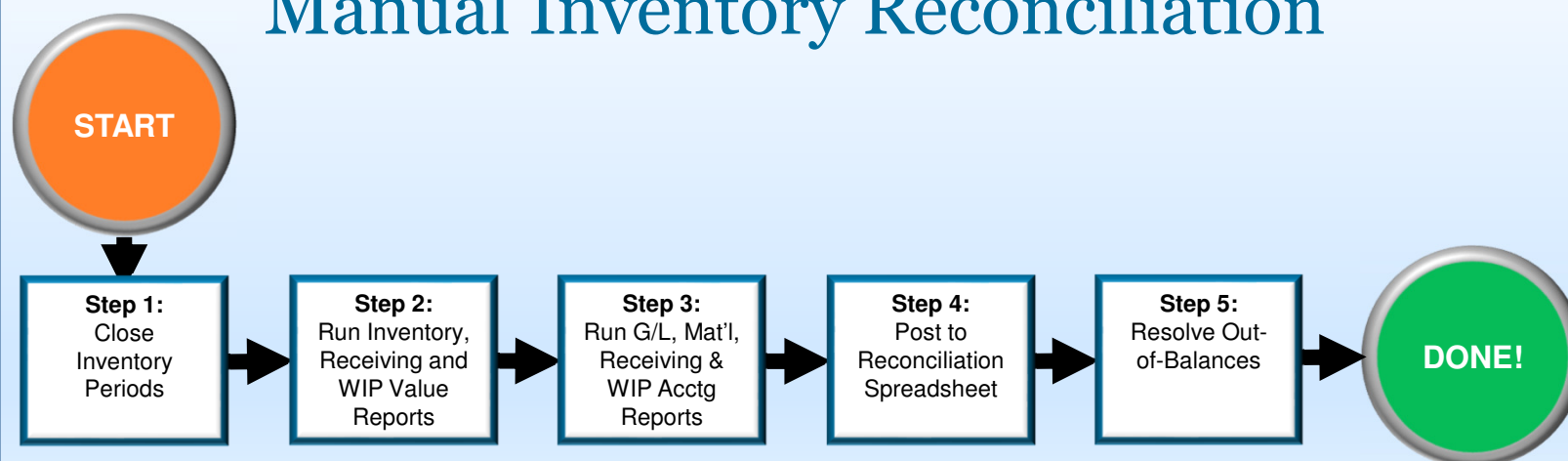
Save Details: Yes

OK Cancel Clear Help

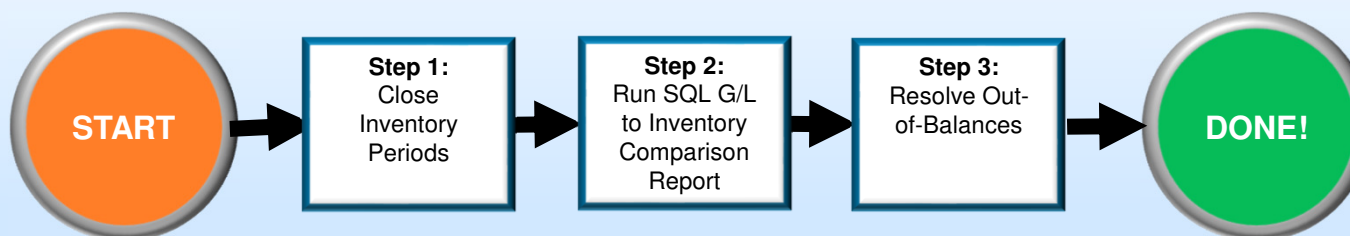
Sample Inventory Reconciliation Worksheet

< Company Name >										
INVENTORY RECONCILIATION										
< Period >										
ACCT #	ACCOUNT DESCRIPTION	BEGIN G/L BALANCE	INV ACTIVITY	A/P ACTIVITY	PURCH RECEIPT	WO ACTIVITY	MANUAL JE'S	ENDING G/L BALANCE	PERPET BALANCE	DELTA
1410	Receiving Value Account (could be many rows here for receiving value accounts)	0	300,000	0	(300,000)			0	0	0
1420	Inventory Value Account (could be many rows here for inventory value accounts)	30,000	620,000	0	0		100	650,100 0	650,000	100 0
1430	WIP Value Accts (could be many rows here for WIP value accounts)	40,000	50,000	0	0	30,000	500	120,500	120,000	500
1460	Intransit Value Account	0	20,440	0	0			20,440	20,440	0
1460	Intransit Value Account	0	0	0	0			0		0
1460	Intransit Value Account	0	0	0	0			0		0
	Report Total	70,000	990,440	0	(300,000)	30,000	600	791,040	790,440	600

Manual Inventory Reconciliation

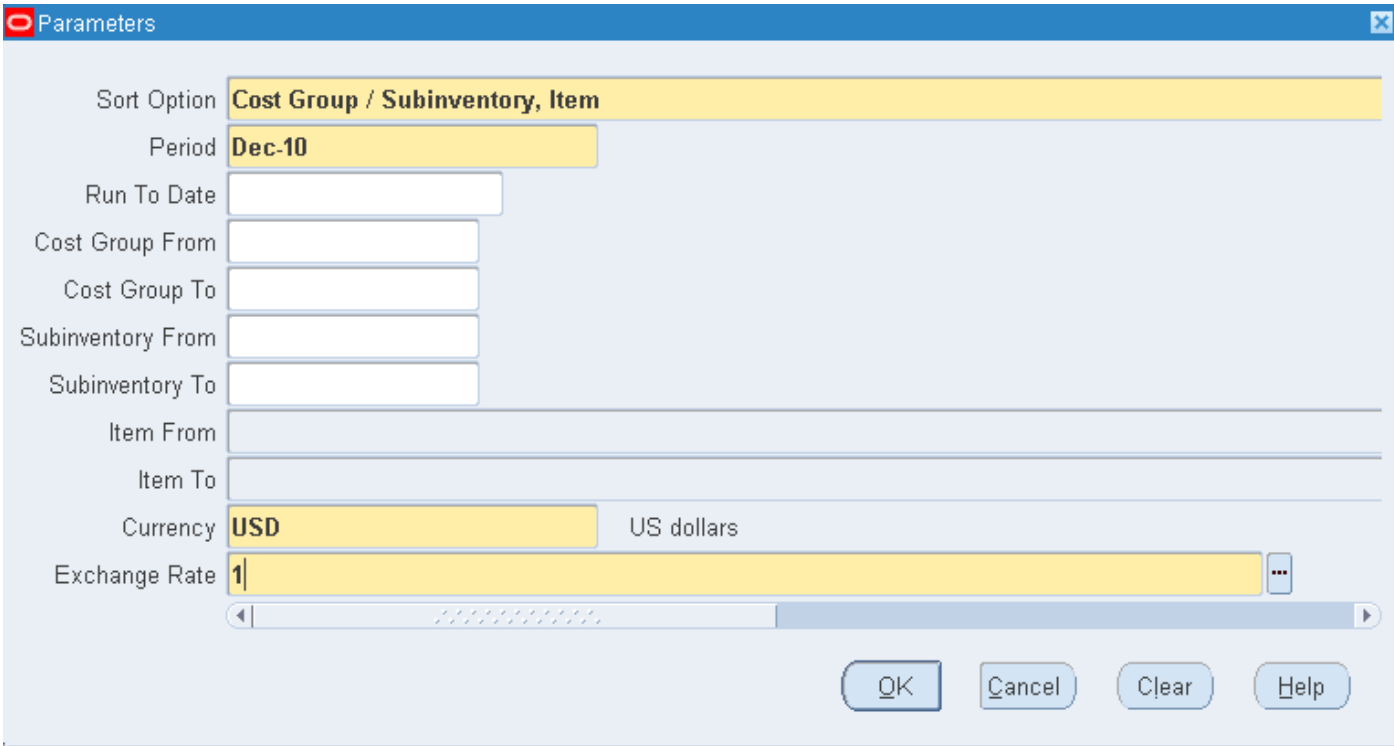


Automated Inventory Reconciliation



Period Close Reconciliation Report

- Runs automatically when you close the inventory accounting period
- Can also run separately using Cost Mgmt => Reports => Value
- Available since Release 11.5.10, creates a month-end snapshot



The screenshot shows the 'Parameters' window for the Period Close Reconciliation Report. The window has a blue title bar with the text 'Parameters' and a close button. The main area contains several input fields and buttons. The 'Sort Option' is set to 'Cost Group / Subinventory, Item'. The 'Period' is set to 'Dec-10'. The 'Run To Date' field is empty. The 'Cost Group From' and 'Cost Group To' fields are empty. The 'Subinventory From' and 'Subinventory To' fields are empty. The 'Item From' and 'Item To' fields are empty. The 'Currency' is set to 'USD' with the text 'US dollars' next to it. The 'Exchange Rate' is set to '1'. At the bottom right, there are four buttons: 'OK', 'Cancel', 'Clear', and 'Help'.

Period Close Reconciliation Report

Seattle Manufacturing (USD)
Dec-10 (01-DEC-10 to 31-DEC-10)

Report Date: 17-NOV-12 14:48:39
Page: 32 of 32

Period Close Reconciliation Report

Subinventory Code	Subinventory Description	Item	Accounted Value	Onhand Value	Discrepancy
Stores	Stores Subinventory	f60000	1,170.00	1,170.00	0.00
Stores	Stores Subinventory	f80000	2,247,491.00	2,247,491.00	0.00
Subinventory Total:			11,047,375.68	11,047,375.68	0.00
Subinventory Code	Subinventory Description	Item	Accounted Value	Onhand Value	Discrepancy
	Intransit balances	AS18947	13,789.62	13,789.62	0.00
	Intransit balances	AS54888	0.00	0.00	0.00
	Intransit balances	AS66311	0.00	0.00	0.00
	Intransit balances	CM13139	0.00	0.00	0.00
	Intransit balances	CM44131	82,124.28	82,124.28	0.00
	Intransit balances	CM52293	462,840.30	462,840.30	0.00
	Intransit balances	CM82336	6,016,400.00	6,016,400.00	0.00
	Intransit balances	CM89108	1,285,418.34	1,285,418.34	0.00
	Intransit balances	FS-HVPWS-0255	1,442.50	1,442.50	0.00
	Intransit balances	FS-LPTR-1500	3,633.82	3,633.82	0.00
	Intransit balances	FS-PPUA-4334	1,280.00	1,280.00	0.00
	Intransit balances	FS18947	0.00	0.00	0.00
	Intransit balances	PMK-1000	3,912.50	3,912.50	0.00
Subinventory Total:			7,870,841.36	7,870,841.36	0.00
Report Total:			113,732,508.07	113,732,508.07	0.00

***** End of Report *****

Multi-Org Period Close Variance Report

□ Sample Multi-Org Period Close Variances Report

- From the CST_PERIOD_CLOSE_SUMMARY table

Sample Out of Balance Items											
Org	Period Name	Co	Acct	Prod Grp	Item	Desc.	UOM	Qty	Onhand Value	Accounted Value	Difference
103	2009-10	1010	1330	1120	100001	Desc. 1	CRD	100	68,328.27	68,323.71	4.56
103	2009-10	1010	1330	1120	100002	Desc. 2	CRD	126	318,061.67	318,055.37	6.30
308	2009-10	1048	1330	1110	100003	Desc. 3	CTN	2117	670,576.31	674,082.35	(3,506.04)
308	2009-10	1048	1330	1110	100004	Desc. 4	CTN	205	91,723.55	94,260.35	(2,536.80)
308	2009-10	1048	1330	1110	100005	Desc. 5	CTN	1320	39,430.20	39,923.58	(493.38)
											(6,525.36)

You can also use this information to get your month-end perpetual quantities and values for intransit and subinventories

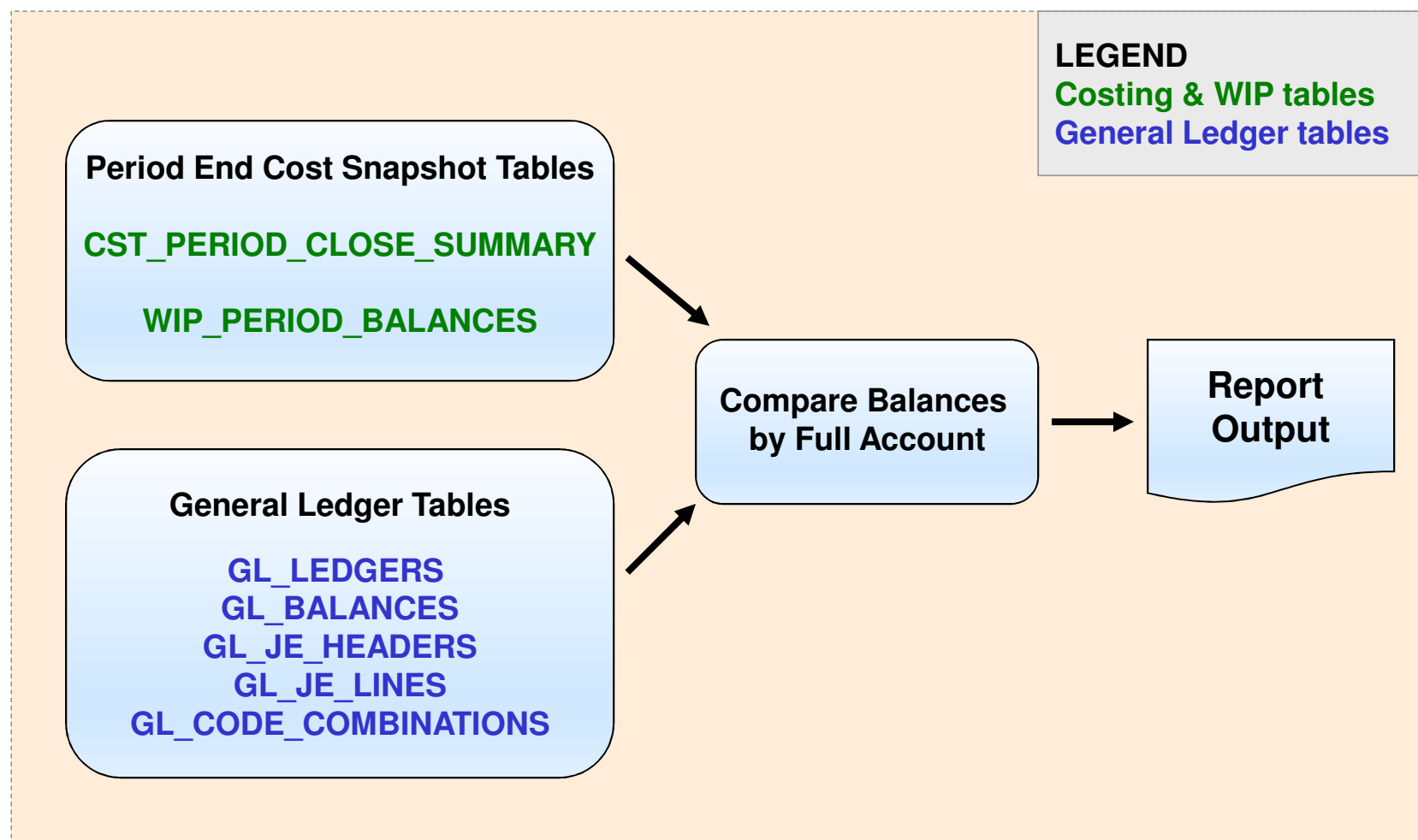
Got More Than Two Inventory Orgs?

G/L to Inventory Reconciliation Report

Inventory Reconciliation Report							G/L Balances & Activity							Perpetual Balances			G/L Vs. Inventory
Run Date: sample only																	
Period Name	Ledger	Co	Acct	Sub-Acct	Prod Line	Inter Co	Beg Balance	Inventory	Payables	WIP	Other	End Balance	Inv. Onhand Value	WIP Value	Total Perpetual Value	Difference	
DEC-12	Vision Operations	100	1410	000	1000	1000	0.00	2,000.00	0.00	0.00	0.00	2,000.00	2,138.00	0.00	2,138.00	(138.00)	
DEC-12	Vision Operations	100	1420	000	1110	1000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
DEC-12	Vision Operations	100	1430	000	1110	1000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
DEC-12	Vision Operations	100	1440	000	1110	1000	30,000.00	620,000.00	0.00	0.00	100.00	650,100.00	650,000.00	0.00	650,000.00	100.00	
DEC-12	Vision Operations	100	1450	000	1120	1000	40,000.00	50,000.00	0.00	30,000.00	500.00	120,500.00	0.00	120,000.00	120,000.00	500.00	
DEC-12	Vision UK	110	1410	000	1120	1000	0.00	0.00	0.00	0.00	0.00	0.00	1,000.00	0.00	1,000.00	(1,000.00)	
DEC-12	Vision UK	110	1420	000	1170	1000	10,000.00	30,000.00	0.00	0.00	0.00	40,000.00	40,000.00	0.00	40,000.00	0.00	
DEC-12	Vision UK	110	1430	000	1170	1000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
DEC-12	Vision UK	110	1440	000	1172	1000	20,000.00	400,000.00	0.00	0.00	0.00	420,000.00	420,000.00	0.00	420,000.00	0.00	
	Totals						100,000.00	1,102,000.00	0.00	30,000.00	600.00	1,232,600.00	1,113,138.00	120,000.00	1,233,138.00	(538.00)	

Just think how much time this would save ...

G/L to Inventory Reconciliation Data Flow



Sample G/L to Inventory Reconciliation Script

□ Automatically Compares:

- G/L to Inventory Perpetual (sum G/L JE Lines vs. Period Close Summary)
- G/L to Intransit Perpetual (sum G/L JE Lines vs. Period Close Summary)
- G/L to WIP Period-End Balances (sum G/L JE Lines vs. WIP Period Balances)

□ Caveats:

- Only considers Discrete WIP, not OPM
- Receiving does not have a month-end snapshot ... but this can be added in.

Send an email to doug@volz@consulting.com to get the
Inventory Reconciliation SQL Report.

Have both Release 12 and Release 11i versions.

Inventory Reconciliation Papers

- *Reconcile your Inventory to G/L Balances with Ease, From 1 to 1,000 Organizations!*
(Collaborate14)
- *Can We Actually Reconcile Oracle Project MFG to Inv., WIP, Projects & G/L? What was I Thinking?*
(Collaborate10)

Managing Stuck Transactions

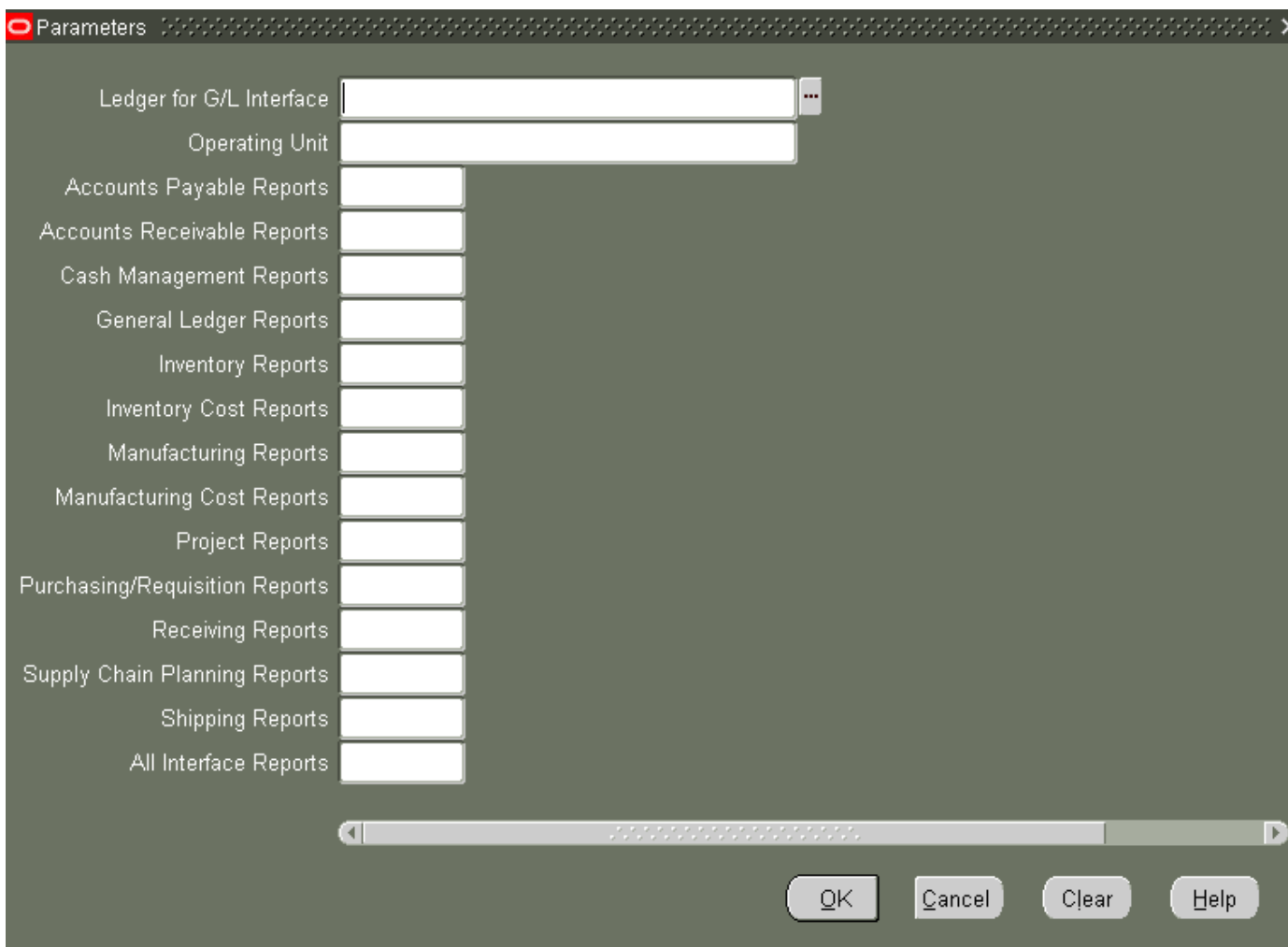
□ Managing Transaction Interface Errors:

- Create custom programs to fix repetitive transaction issues
- Get IT and your Internal Auditors to accept more streamlined interface error resolution procedures
- Create a Custom Interface Errors Report
 - Get the 2012 Collaborate Paper:
Egads! How in the Dickens Do I Handle Those Month-End Interfaces? (And Why Can't I Close My Books)

Send an email to doug@volz@consulting.com to get the Interface Errors SQL Report

Managing Stuck Transactions for Both R11i & R12

– Covers All of These Areas



Parameters

Ledger for G/L Interface

Operating Unit

Accounts Payable Reports

Accounts Receivable Reports

Cash Management Reports

General Ledger Reports

Inventory Reports

Inventory Cost Reports

Manufacturing Reports

Manufacturing Cost Reports

Project Reports

Purchasing/Requisition Reports

Receiving Reports

Supply Chain Planning Reports

Shipping Reports

All Interface Reports

OK Cancel Clear Help

Managing Stuck Transactions – G/L Example

General Ledger Reports							
GL_INTERFACE Report							
Total Number of G/L Lines by Operating Unit							Date: 05-DEC-11 14:07
No. of Records	GL Ledger	Period Name	Description				
5	INTERNATIONAL_PL	NOV-11	Records currently entered in the GL_INTERFACE Table				
5	sum						
10	USA_PL	NOV-11	Records currently entered in the GL_INTERFACE Table				
10	sum						
16							
GL_INTERFACE Report							
G/L Lines Summary by Period, Source and Category							Date: 05-DEC-11 14:07
No. of Records	GL Ledger	Period Name	Journal Source	Journal Category	Account	Status	Accounted Amount
5	INTERNATIONAL_PL	NOV-11	Global Intercompany	Global Intercompany	1531	NEW	.00
5	sum						.00
5	sum						.00
10	USA_PL	NOV-11	Global Intercompany	Global Intercompany	1501	NEW	.00
10	sum						.00
10	sum						.00
15							
End of General Ledger Reports							

Item Cost Mass Load Tools

□ What you really want to do is:

- Download your item costs into Excel
- Using Excel, edit and upload new costs into a pending cost type


□ Choices?

- Dataloader
- Customizations (self-build)
- Commercial products
 - More4Apps: Item Cost and Transactions Wizard (Avg Cost Update)
 - Create/Update or Replace cost elements
 - Update item level attributes (eg lot size/shrinkage).
 - API Wizard
 - Chain-Sys: appLoad suite of tools, for migration and conversion

More4Apps Item Cost Wizard

Download, Edit, Validate and Upload:

- Discrete Item Costs
- Discrete Resource Costs
- Discrete Resource Overheads
- OPM Item Costs
- <https://more4apps.com/>




Request ID

Discrete Standard Costing

UPLOAD RESULTS		Cost Information							Cost Elements				
Upload Result	Upload Error	Inventory Org Code	Cost Type	Item	Item Description	Based On Rollup	Lot Size	MFG Shrinkage	Upload Cost Element Error	Cost Element	Sub Element	Basis	Rate Or Amount
Default Values													
Pending	Inserted Transaction	M1	Pend	AS54999	Sentinel Standard Des	No	1	0		Overhead	Mgmt	Item	22
Accepted	This row [18] has been uploaded! If	M1	Pend	AS62444	Sentinel Upgrade Pac	No	1	0		Overhead	Benefits	Resou	0.75

Setup OPM Standard Costing Example Resource Rates Example Discrete Standard Costing Ex M ...



Request ID

OPM Standard Costing

UPLOAD RESULTS			Cost Information							Cost Elements						
Upload Result	Upload Cost Element Result	Item Cost Interface ID	Upload Error	Inventory Org Code	Cost Type	Calendar Code	Period	Item	Item Description	Upload Cost Element Error	Cost Level	Usage Type	Component Class Code	Cost Analysis Code	Rate Or Amount	
Default Values																
Accepted	Accepted	50916	Updated existing costs								This Level	Resource	1-EQUIP	VAL	564	
Accepted	Accepted	50917	Updated existing costs								This Level	Resource	1-LBRQC	VAL	564	
Error	Validated		The value [STND]		PR1	STND	0012	1	3005	Case of 20, Liquid Antibacterial H		This Level	Resource	1-EQUIP	VAL	0.025

Setup

OPM Standard Costing Example

Resource Rates Example

Discrete Standard Costing Ex

M ...

+

:

<

Open and Close Periods Using an Oracle Form

Menu path: Cost Management – SLA => Accounting Close Cycle => Inventory Accounting Periods

Open and Close Inventory Orgs One-by-One

Inventory Accounting Periods (M1)

Status	Period	Num	Year	From	To	Close Date
Future	Apr-13	4	2013	01-APR-2013	01-APR-2013	
Future	Mar-13	3	2013	01-MAR-2013	31-MAR-2013	
Open	Feb-13	2	2013	01-FEB-2013	28-FEB-2013	
Open	Jan-13	1	2013	01-JAN-2013	31-JAN-2013	
Closed	Dec-12	12	2012	01-DEC-2012	31-DEC-2012	02-FEB-2013
Closed	Nov-12	11	2012	01-NOV-2012	30-NOV-2012	02-FEB-2013
Closed	Oct-12	10	2012	01-OCT-2012	31-OCT-2012	02-FEB-2013
Closed	Sep-12	9	2012	01-SEP-2012	30-SEP-2012	02-FEB-2013
Closed	Aug-12	8	2012	01-AUG-2012	31-AUG-2012	02-FEB-2013
Closed	Jul-12	7	2012	01-JUL-2012	31-JUL-2012	02-FEB-2013

Buttons: Pending... Values at Close Distributions Change Status...

Caution

Open this period?

OK Cancel

Inventory Accounting Periods (M1)

Status	Period	Num	Year	From	To	Close Date
Future	Apr-13	4	2013	01-APR-2013	01-APR-2013	
Future	Mar-13	3	2013	01-MAR-2013	31-MAR-2013	
Open	Feb-13	2	2013	01-FEB-2013	28-FEB-2013	
Closed	Jan-13	1	2013	01-JAN-2013	31-JAN-2013	17-FEB-2013

Change Period Status

New Status

☐ Future

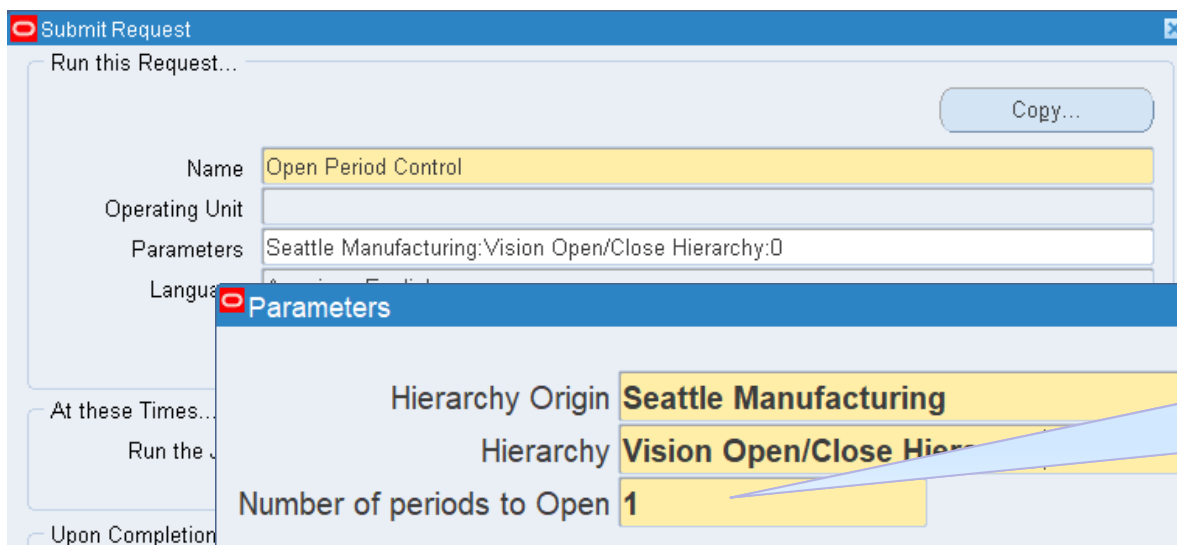
☒ Closed (Irreversible)

Pending... OK Cancel

Open the Accounting Period by Hierarchy

Menu path: Cost Management – SLA => View Requests => Open Period Control Program

□ Use the Oracle Open Period Control Program



Submit Request

Run this Request...

Copy...

Name: Open Period Control

Operating Unit:

Parameters: Seattle Manufacturing:Vision Open/Close Hierarchy:0

Language:

Parameters

Hierarchy Origin: Seattle Manufacturing

Hierarchy: Vision Open/Close Hierarchy

Number of periods to Open: 1

At these Times...

Run the...

Upon Completion...

Enter the number of accounting periods to open, normally you enter the value 1.

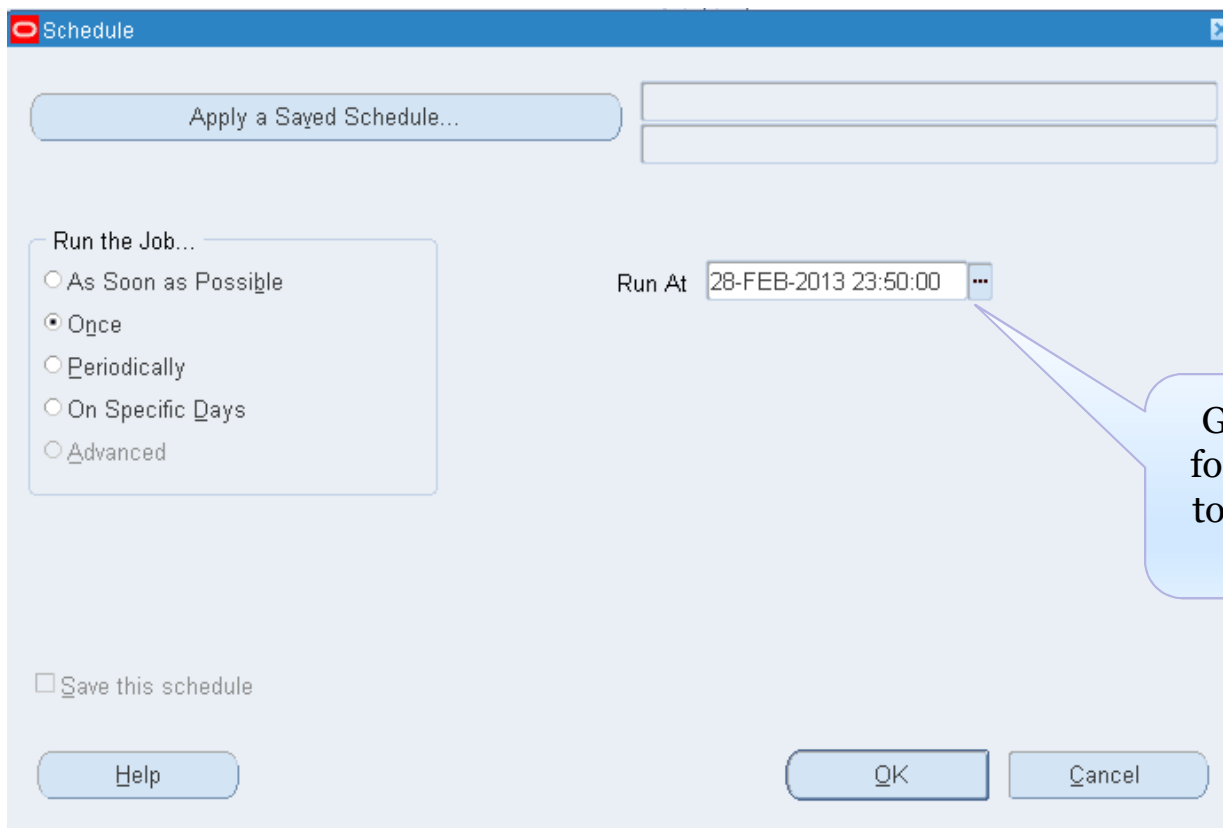
There is a special case for entering the value 0 for “Number of periods to open”. If you manually opened one of your inventory organizations using the single organization form, and wanted to open the rest of the inventory organizations for the same accounting period, you would enter a value of zero, and the Open Period Control will automatically open the remaining accounting periods in the other inventory orgs.

Warning: However, by entering zero you will also open periods in all child organizations up to the current open period in the Hierarchy Origin organizations, even for prior accounting periods that were never opened.

Schedule to Open the Accounting Period

Menu path: Cost Management – SLA => View Requests => Open Period Control Program

- Use the Scheduling Features
- Open before Midnight of the last day of the accounting period

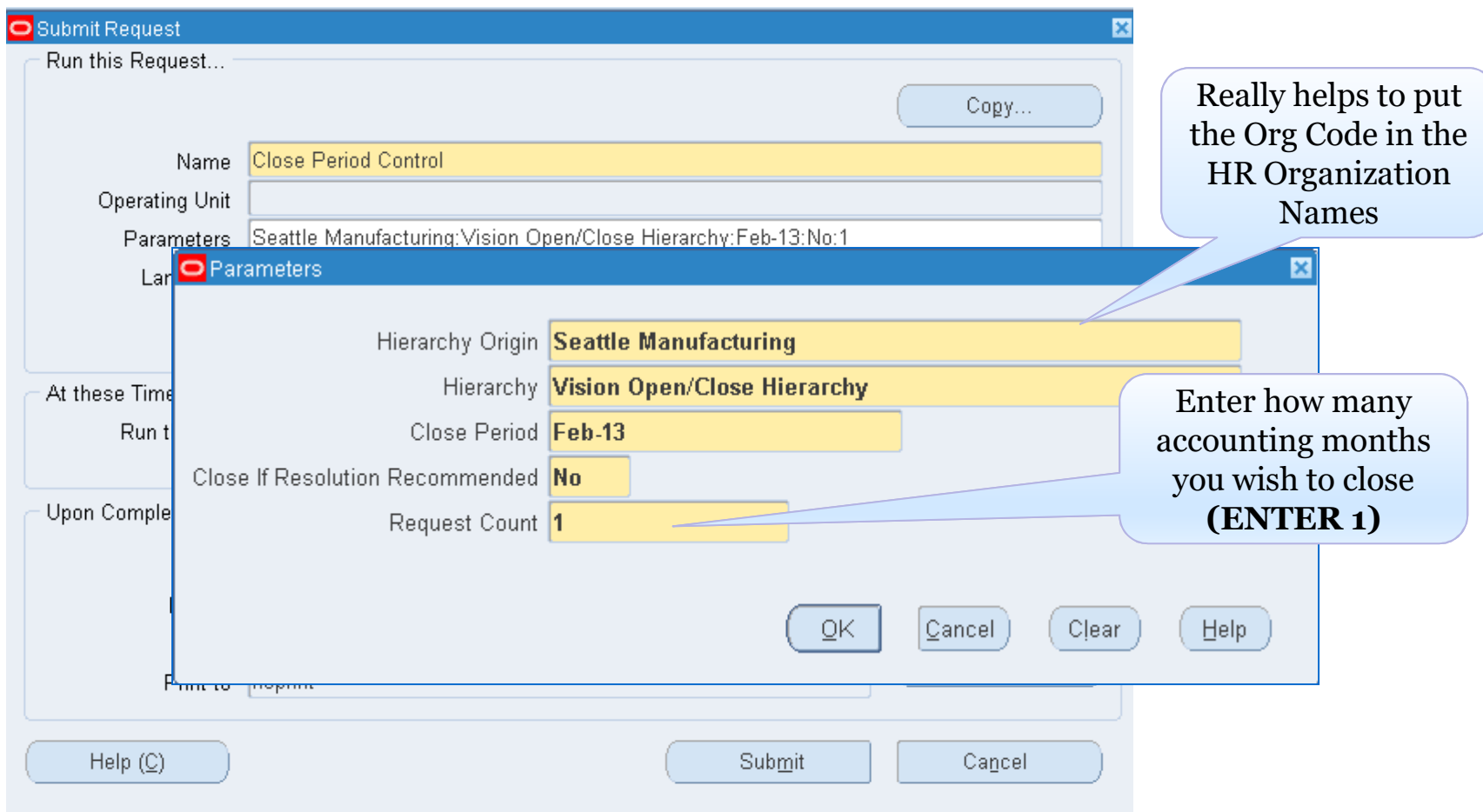


Give yourself enough time for the concurrent manager to run the program (in case of processing delays)

Close the Accounting Period by Hierarchy

Menu path: Cost Management – SLA => View Requests => Close Period Control Program

Use the Oracle Close Period Control Program



The screenshot shows the 'Submit Request' window for the 'Close Period Control' program. The 'Parameters' window is open, showing the following values:

Field	Value
Hierarchy Origin	Seattle Manufacturing
Hierarchy	Vision Open/Close Hierarchy
Close Period	Feb-13
Close If Resolution Recommended	No
Request Count	1

Callouts provide additional context:

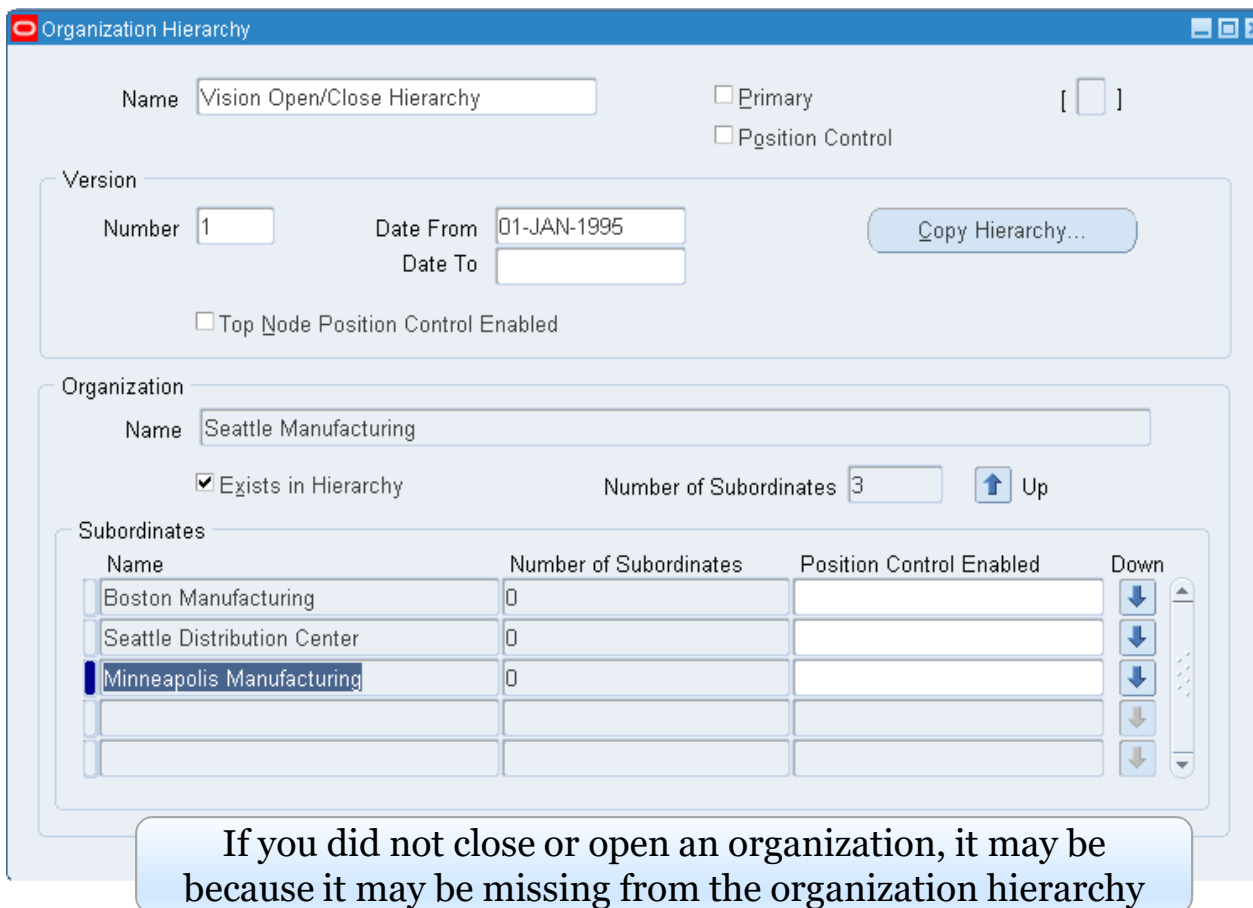
- Really helps to put the Org Code in the HR Organization Names** (points to the Hierarchy Origin field).
- Enter how many accounting months you wish to close (ENTER 1)** (points to the Request Count field).

Buttons visible: Copy..., OK, Cancel, Clear, Help, Submit, Cancel, Help (C).

Organization Hierarchies

Menu path: Inventory => Setup => Organizations => Hierarchy

□ Grouping Mechanism for Programs and Reports



Organization Hierarchy

Name: Vision Open/Close Hierarchy

☐ Primary

☐ Position Control

Version

Number: 1

Date From: 01-JAN-1995

Date To:

☐ Top Node Position Control Enabled

Copy Hierarchy...

Organization

Name: Seattle Manufacturing

☒ Exists in Hierarchy

Number of Subordinates: 3

Up

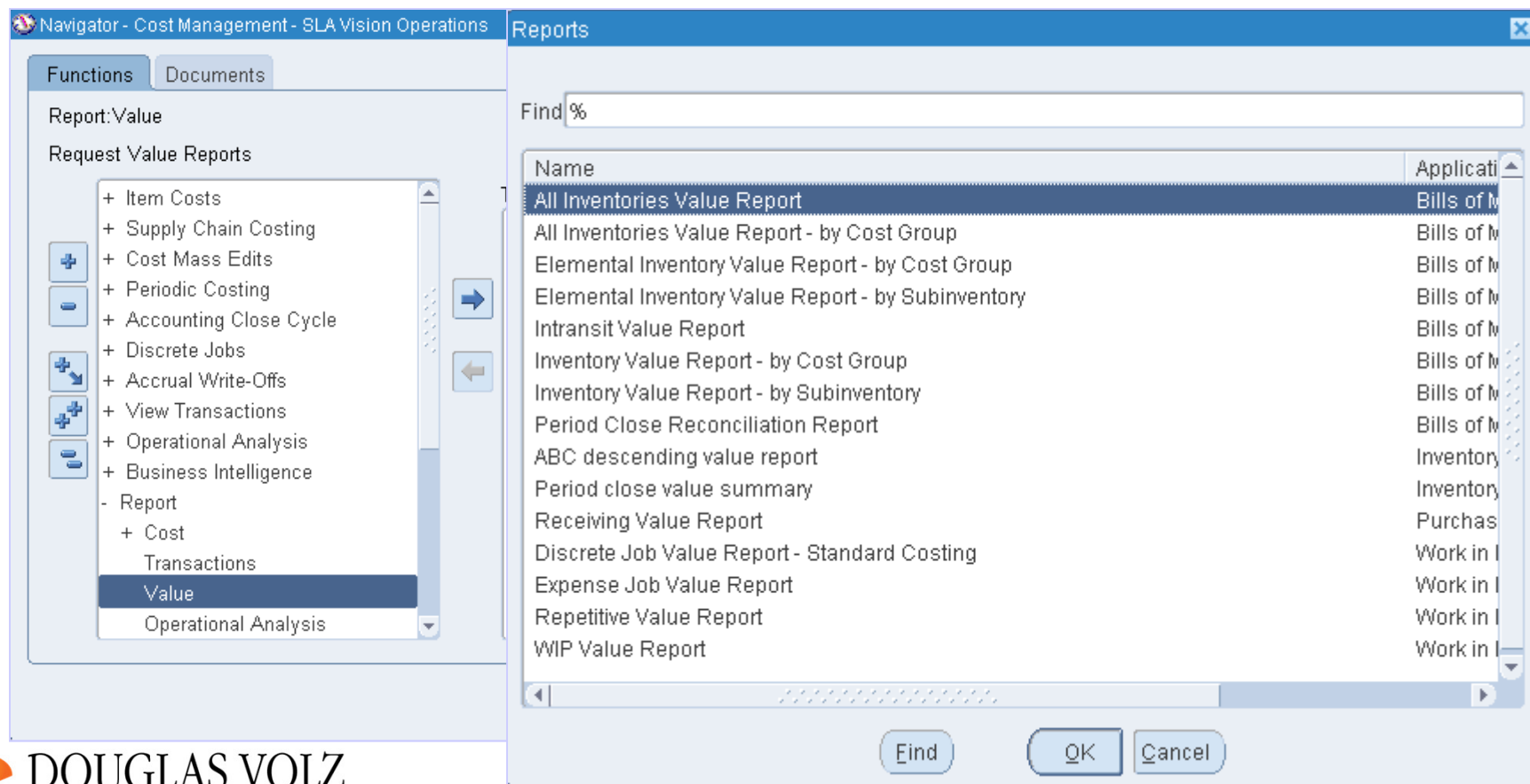
Name	Number of Subordinates	Position Control Enabled	Down
Boston Manufacturing	0	<input type="checkbox"/>	↓
Seattle Distribution Center	0	<input type="checkbox"/>	↓
Minneapolis Manufacturing	0	<input type="checkbox"/>	↓
			↓
			↓

If you did not close or open an organization, it may be because it may be missing from the organization hierarchy

Printing/Reporting

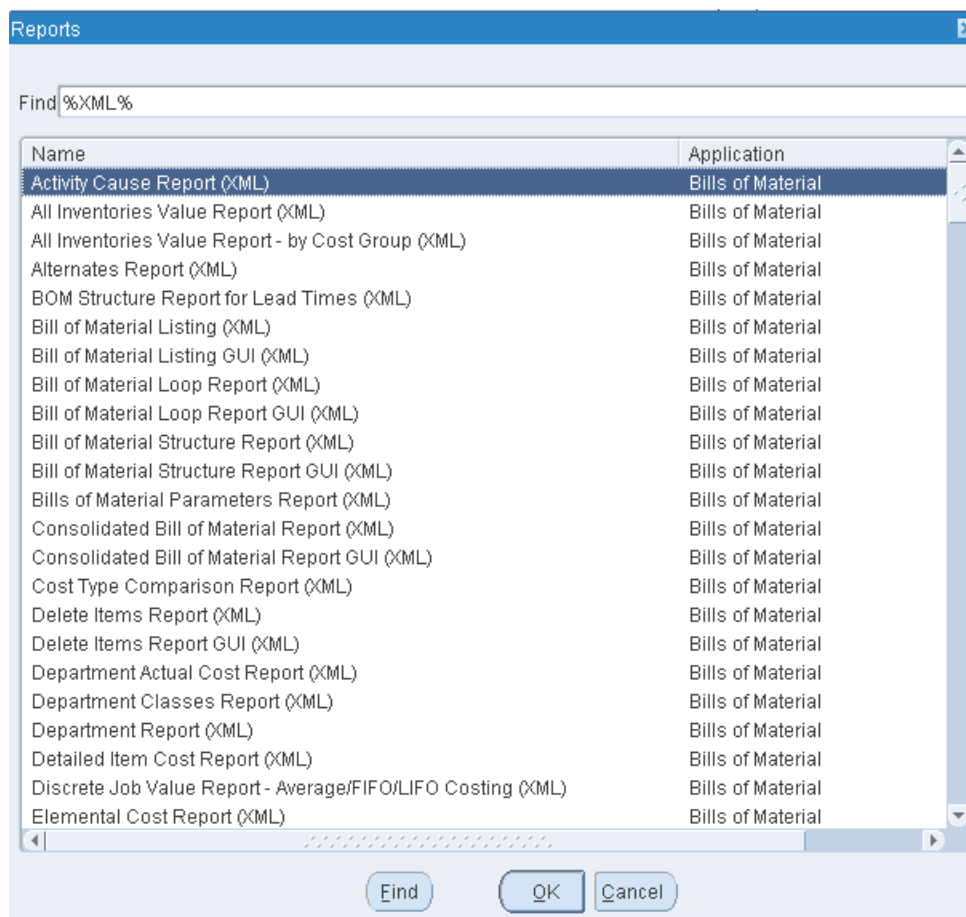
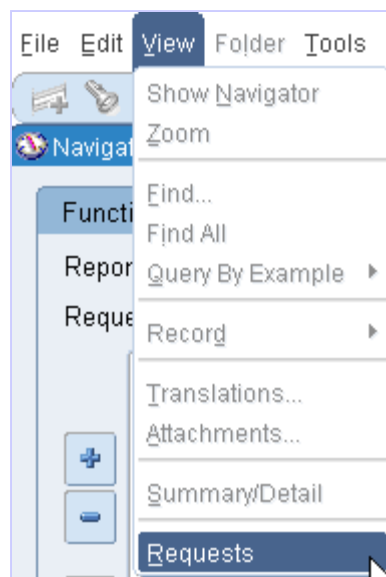
Good News for R12 Versions (XML Reports)

- ❑ Release 12 has XML reports, lots and lots of them
- ❑ But not where you expect them



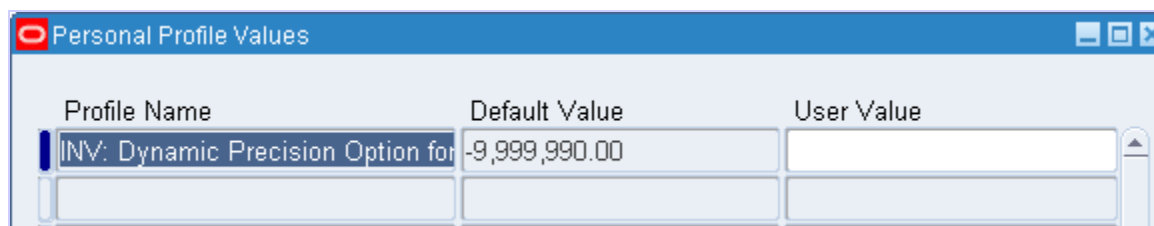
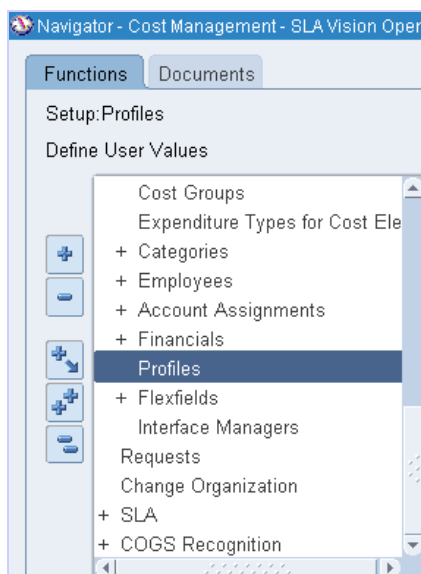
Good News for Latest R12 Versions (XML Reports)

- Release 12 has XML reports, lots and lots of them (But not where you expect them)



What About Decimal Precision for Quantities?

- There is a common profile which affects all inventory, BOM and WIP reports and how the quantity precision is reported
- You can set this profile by person
- INV: Dynamic Precision Option for Quantity on Reports



Material Overhead Defaults

Material Overheads Adopted as Items Are Defined

Navigator - Cost Management - SLA Vision Operations

Functions Documents **Material Overhead Defaults (M1)**

Setup: Sub-Elements: Define Material Overhead

Level

☒ Organization ☐ Category Find

Default Rate or Amount

Cost Activity

Material Overhead	Item Type	Activity	Basis	Rate or Amount
Mat'lHndlg			Total Value	

Item Type

Find %

Item Type

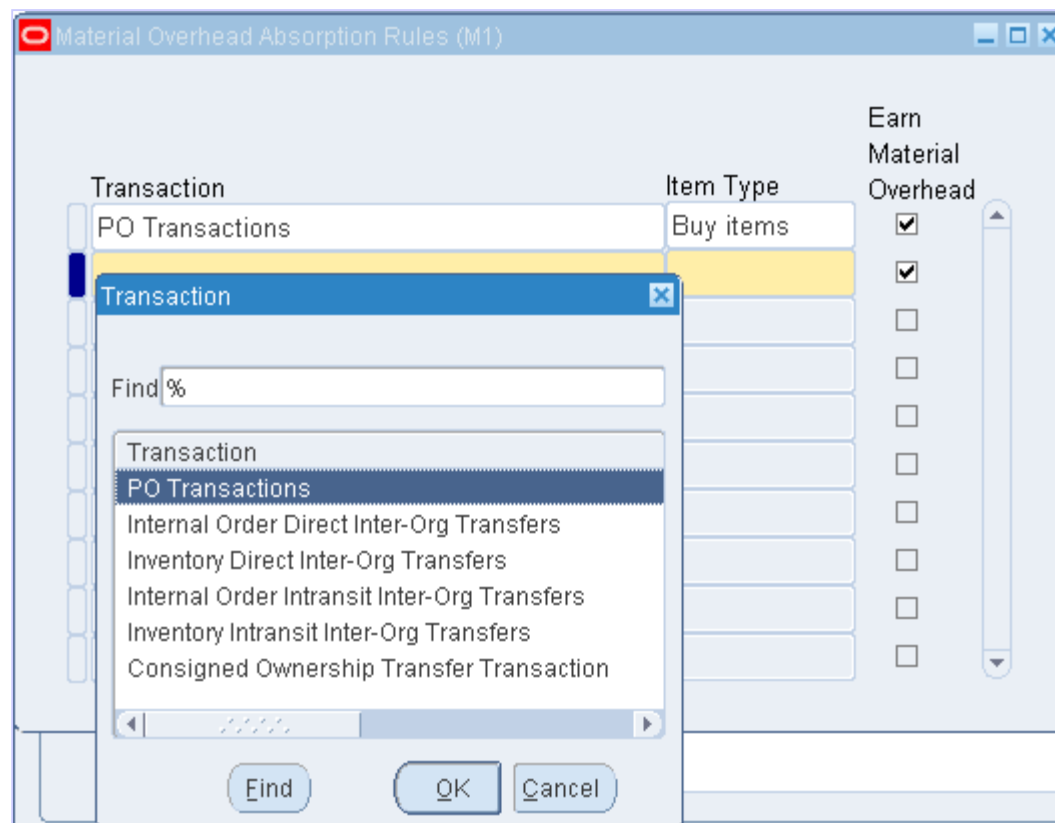
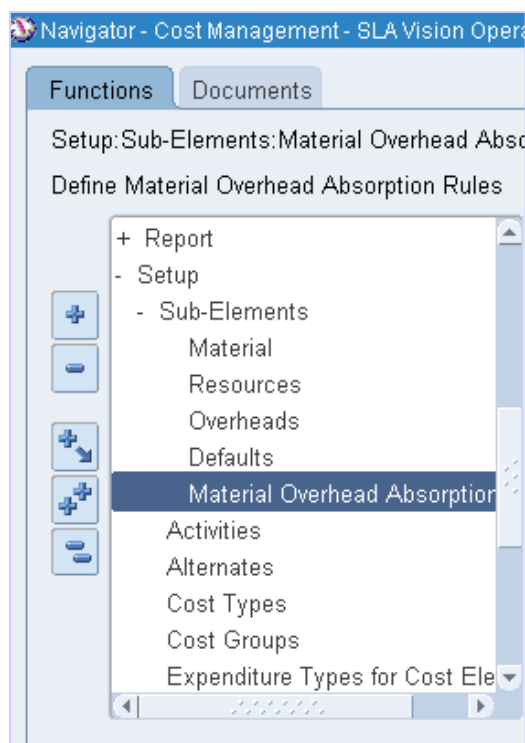
Make items

Buy items

All items

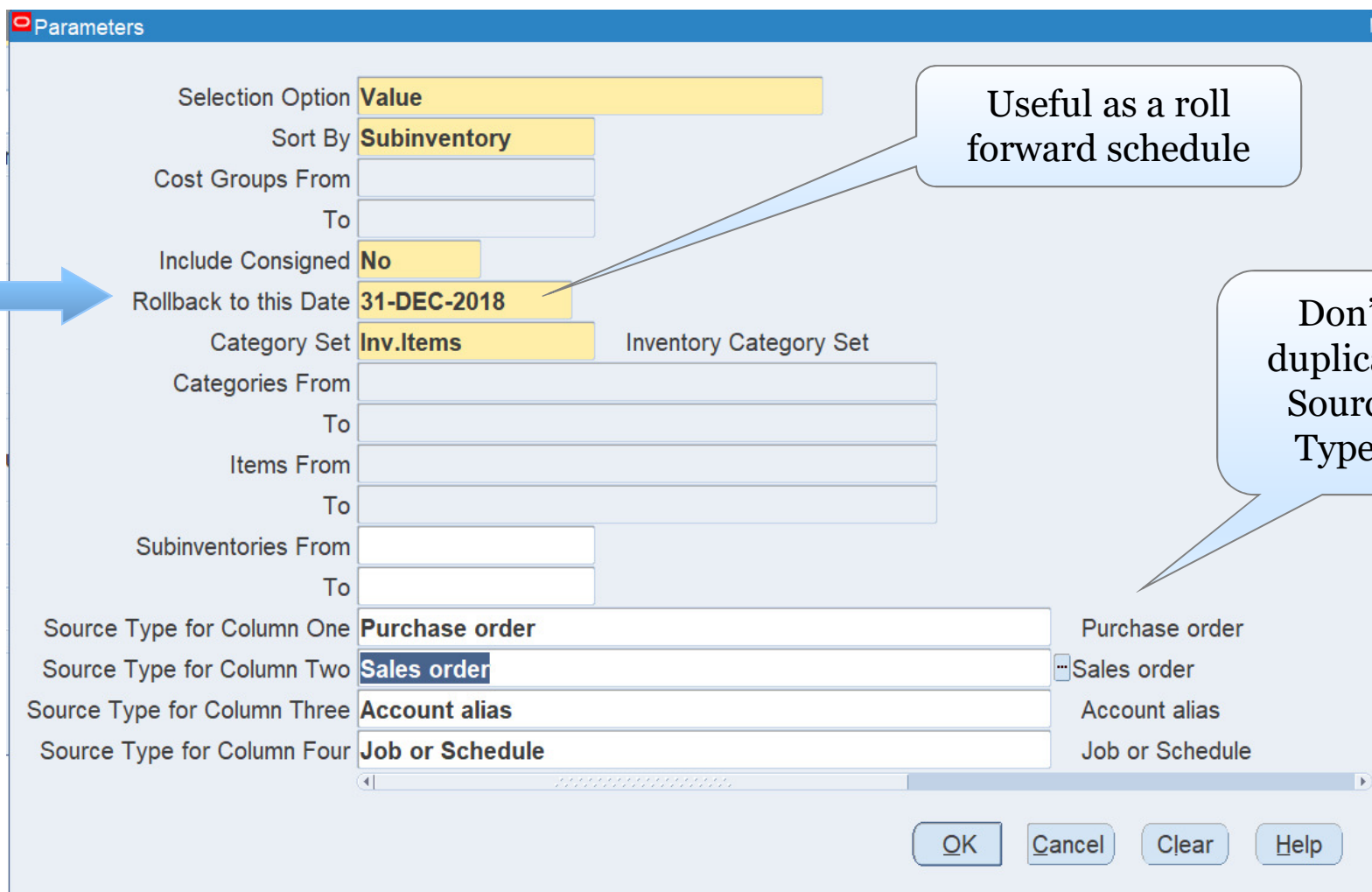
Find OK Cancel

Material Overhead Absorption Rules



Transaction Value Historical Summary Report

Menu path: Cost Management – SLA => Report => Transactions => Transaction historical summary



Parameters

Selection Option	Value	Useful as a roll forward schedule
Sort By	Subinventory	
Cost Groups From		
To		
Include Consigned	No	
Rollback to this Date	31-DEC-2018	Don't duplicate Source Types
Category Set	Inv.Items	
Inventory Category Set		
Categories From		
To		
Items From		
To		
Subinventories From		
To		
Source Type for Column One	Purchase order	Purchase order
Source Type for Column Two	Sales order	Sales order
Source Type for Column Three	Account alias	Account alias
Source Type for Column Four	Job or Schedule	Job or Schedule

OK Cancel Clear Help

Transaction Value Historical Summary Report

Seattle Manufacturing
Sorted by Subinventory, Item

Transaction Value Historical Summary
Value On: 31-DEC-2012 (USD)

Report Date: 02-JAN-2013 18:28
Page: 28

Category Set: Inv.Items

Subinventory: Stores

Item	Description	UOM	31-DEC-2012 Value	Purchase order	Sales order	Account alias	Job or Schedu	Other	Current Value
f60000	match office supply item Router - Approved Supplier required item with 3-way match	Ea	1,170.00	0.00	0.00	0.00	0.00	0.00	1,170.00
f80000	Sentinal Multimedia	Ea	2,247,491.00	0.00	0.00	0.00	0.00	0.00	2,247,491.00
Subinventory Total:			11,047,375.68	0.00	0.00	1,210.00	0.00	0.00	11,048,585.68
Report Total:			105861666.71	0.00	0.00	1,210.00	0.00	0.00	105862876.71

Value as of
Rollback Date

Value as of report
submission date

**** End of Report ****

Common Complaints for Cost Reporting

– Can't Use Standard Oracle Cost Accounting Reports

□ Why Not?

- Originally designed to be run for a single warehouse
- Does not format well into Excel (even for R12!)
- SLA reports don't have enough details
- Not enough summary reporting
- Discrete Costing R12 – no SLA info on transaction inquiries
- Process Costing R12 – too few reports
- Drives down operational efficiency
- Unable to eliminate PII/ICP using standard reporting

What Type of Reports Are Needed?

Reconciliation Reports

GL to Inventory Reconciliation
Monthly Txn Movement Summaries

Weekly / Monthly Txn Listings

Transaction Summaries
Perpetual Onhand Summaries

Other Reporting & Analysis

Global Setup Configuration Reports
Period Open / Close Status Reports

Investigative Reports

Item Cost Comparison Reports
IPV, PPV, WIP Variance Reports
Margin Analysis Reports

Typical Report Development Solutions

□ Oracle BI Publisher

- Development time is too long
 - Create a data model, create a format mask, multiple steps
 - Slow performance, outputs into XML creating huge, huge files

□ Other 3rd Party Tools

- EIS Reporting, Business Objects, Polaris, Excel for Apps, etc.
 - Have to purchase their tool first, expensive
 - Outputs easier into MS Excel
 - More efficient to develop reports than with BI Publisher
 - Runs reports outside of the Oracle menu structure (and sometimes outside the server too!)

Blitz Report – Designed for Fast Excel Reporting

□ More About Blitz: www.enginatics.com

□ For End Users

- Ease of use: fully integrated within EBS
- Works within the oracle forms navigation and menu structure
- Creates the report using the system server resources, not the local PC
- Very fast: no long processing or download times as with XML based solutions like BI Publisher
- Runs as a concurrent process and generates output files in XLSX or CSV format
- Upon completion, reports automatically download and open in Excel
- Generates proper data attributes in Excel (Dates /Numeric data)

Blitz Report – Designed for Fast Excel Reporting

□ For IT – DBA/Developers

- No metadata, format or packaging work for development
- Concentrate on SQL / business logic only
- Development time **drastically reduced** e.g. 70 to 80% faster than Oracle BI Publisher
- Ease of development, implementation and rollout to the users
- Faster delivery of business requirements, while complying to expected software development lifecycle standards
- Free library of community reports and tools e.g. for performance tuning
- Schedule Output in Excel, csv, or Email
- Import Utilities for BI Publisher and Discoverer reports

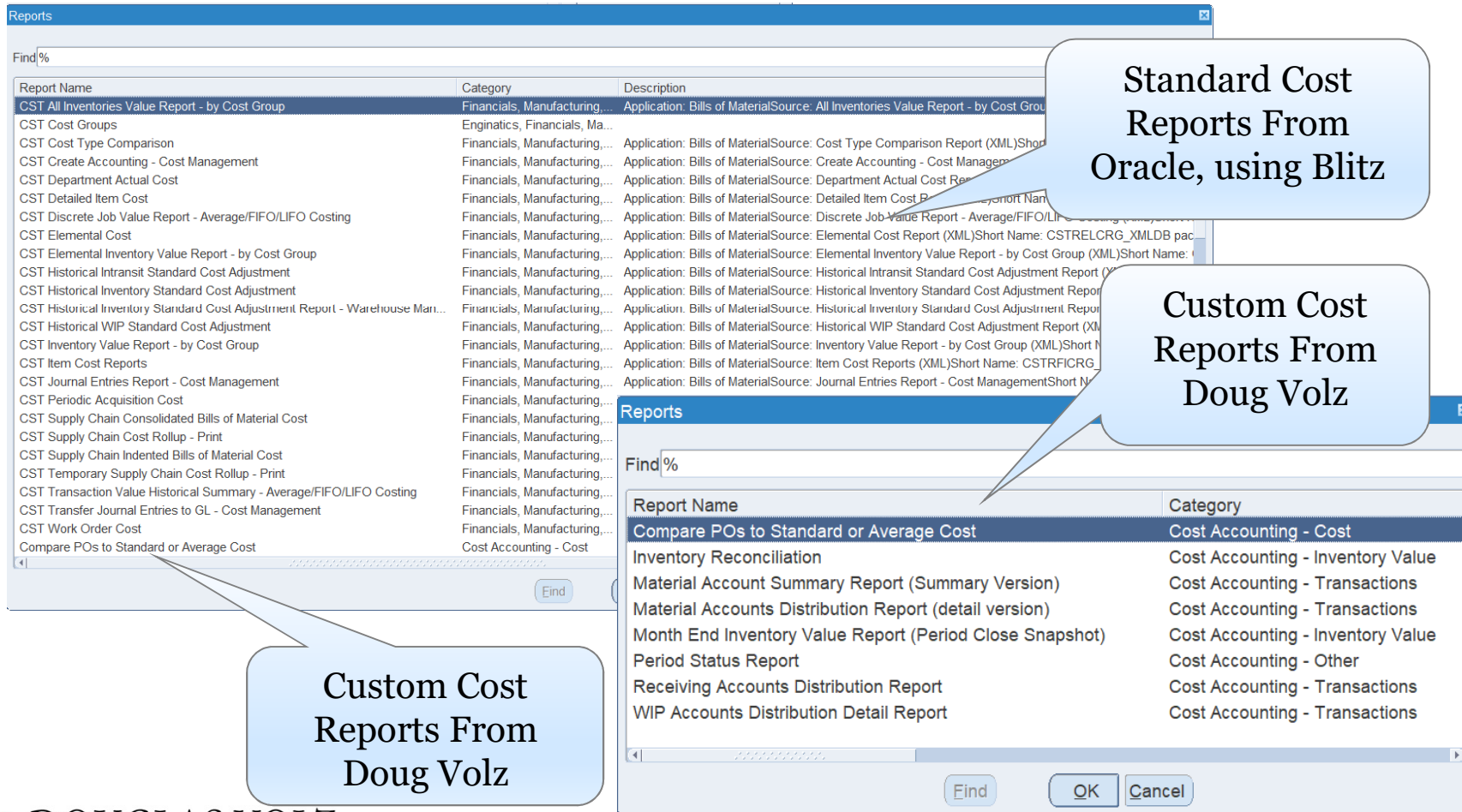
Blitz Report – Designed for Fast Reporting

□ Business Model

- Pricing Model focused on user satisfaction + Ease of growth
- Starter system - Free for 30 different reports (you choose the reports)
- Unlimited system - \$10 per user/month (active report users)
- Installation in few minutes with just one script

Blitz Report – Designed for Fast Reporting

Costing Reports Available For Your Use!



The screenshot shows the 'Reports' window in Enginatics. The window has a search bar at the top and a list of reports below. The reports are organized into columns: Report Name, Category, and Description. The reports are listed in alphabetical order by Report Name.

Standard Cost Reports From Oracle, using Blitz

- CST All Inventories Value Report - by Cost Group
- CST Cost Groups
- CST Cost Type Comparison
- CST Create Accounting - Cost Management
- CST Department Actual Cost
- CST Detailed Item Cost
- CST Discrete Job Value Report - Average/FIFO/LIFO Costing
- CST Elemental Cost
- CST Elemental Inventory Value Report - by Cost Group
- CST Historical Intransit Standard Cost Adjustment
- CST Historical Inventory Standard Cost Adjustment
- CST Historical Inventory Standard Cost Adjustment Report - Warehouse Man...
- CST Historical WIP Standard Cost Adjustment
- CST Inventory Value Report - by Cost Group
- CST Item Cost Reports
- CST Journal Entries Report - Cost Management
- CST Periodic Acquisition Cost
- CST Supply Chain Consolidated Bills of Material Cost
- CST Supply Chain Cost Rollup - Print
- CST Supply Chain Indented Bills of Material Cost
- CST Temporary Supply Chain Cost Rollup - Print
- CST Transaction Value Historical Summary - Average/FIFO/LIFO Costing
- CST Transfer Journal Entries to GL - Cost Management
- CST Work Order Cost
- Compare POs to Standard or Average Cost

Custom Cost Reports From Doug Volz

- Compare POs to Standard or Average Cost
- Inventory Reconciliation
- Material Account Summary Report (Summary Version)
- Material Accounts Distribution Report (detail version)
- Month End Inventory Value Report (Period Close Snapshot)
- Period Status Report
- Receiving Accounts Distribution Report
- WIP Accounts Distribution Detail Report

Custom Cost Reports From Doug Volz

- Compare POs to Standard or Average Cost
- Inventory Reconciliation
- Material Account Summary Report (Summary Version)
- Material Accounts Distribution Report (detail version)
- Month End Inventory Value Report (Period Close Snapshot)
- Period Status Report
- Receiving Accounts Distribution Report
- WIP Accounts Distribution Detail Report

Summary

- As true with most ERP solutions, there are little-known features which can really be helpful
- We have looked at many of them; have questions, don't be bashful
- If you have tips you would like to share let us know

Acknowledgements

- You, the OAUG Cost Management SIG
- David Wright, Global Presales Manager, More4Apps
- Andy Haack and Beth Skerrett, Enginatics / Blitz Report

Doug Volz *Helping people use Oracle since 1990*

□ Professional Summary

- 35+ years industry, design and consulting and “firefighting” experience
- Specializing in Cost Management business solutions
- Recognized by Industry Peers with numerous OAUG awards:
 - 2014 OAUG Member of the Year
 - 2018 Presenter of the Year
 - 2018 Special Interest Group of the Year
- Co-designed Oracle Cost Management at Oracle
- Implementations with international consulting firms, in twelve countries
- Led the Oracle Applications User Group for Cost Management since 2007
- Presenter at Collaborate (OAUG) and UKOUG since 1996
- Prior industry positions for General and Cost Accounting management

□ Business Solutions



- Change cost methods
- Inventory reconciliation
- Profit in inventory
- Intercompany
- A/P accruals
- Fix system account setups
- Multi-org cost accounting reports
- Product Line & Margin analysis
- Cost Rollup and Update
- Cost accounting training

Douglas Volz Consulting, Inc.

Helping people use Oracle since 1990



LEUPOLD



angiodynamics

Garlock
SEALING TECHNOLOGIES®

SRP
COMPANIES



MasterCard
Worldwide



**BOART
LONGYEAR**



**BECKMAN
COULTER**



the
Wonderful
company™

Wonderfulcitrus™



DOUGLAS VOLZ
Consulting, Inc.

Any Questions?



Doug Volz

doug@volzconsulting.com

www.volzconsulting.com