



Acquiring Assets through Project Accounting

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Agenda

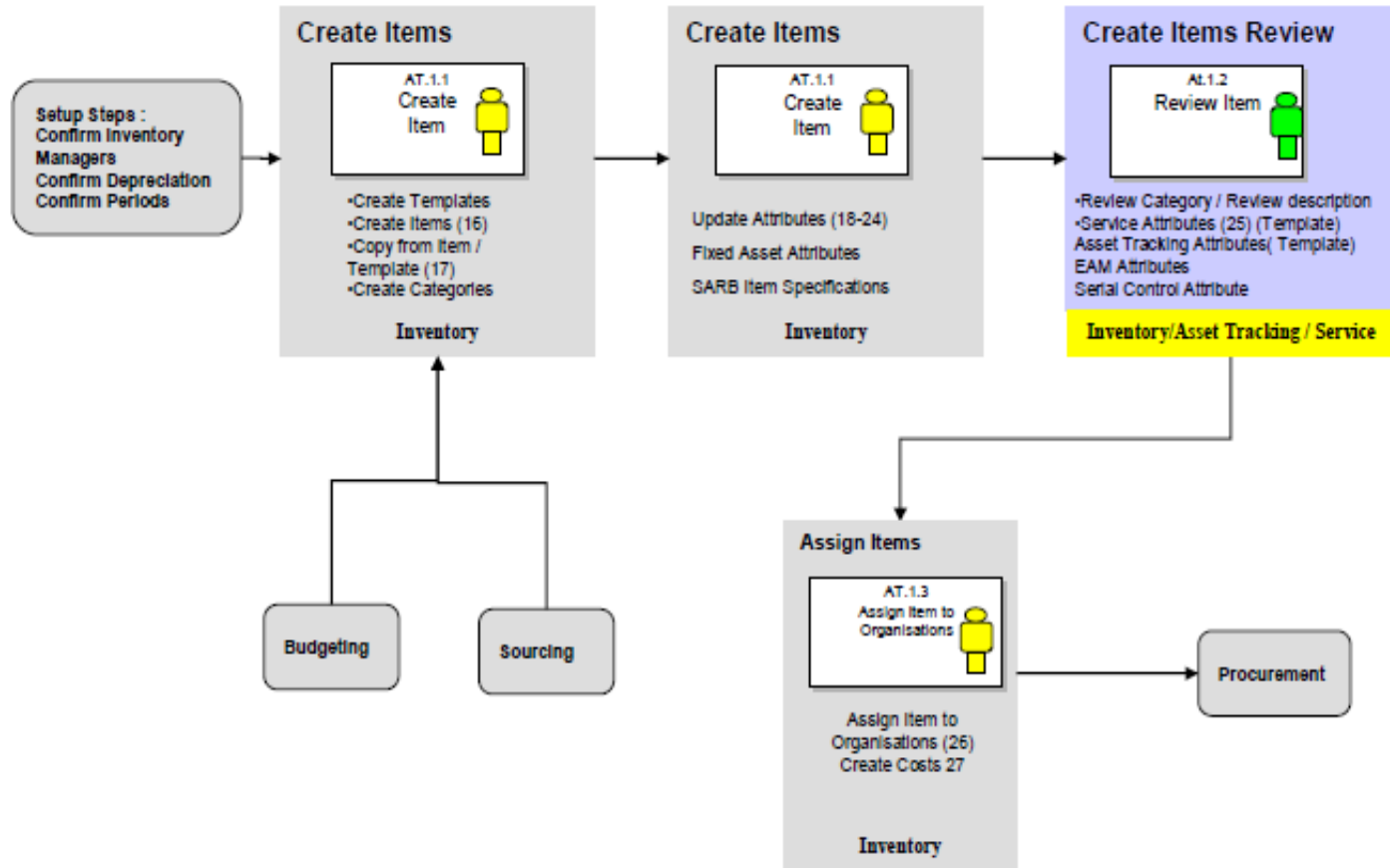
- **Functional process**
 - **Purchasing**
 - **Receiving**
 - **Asset Tracking**
 - **CIP Projects**
 - **Fixed Assets**
 - **Accounting**
- **Transaction exceptions in functional process**
- **Lessons Learned**



Overview of process flow

Oracle Overview diagram of the Purchase Order to Service

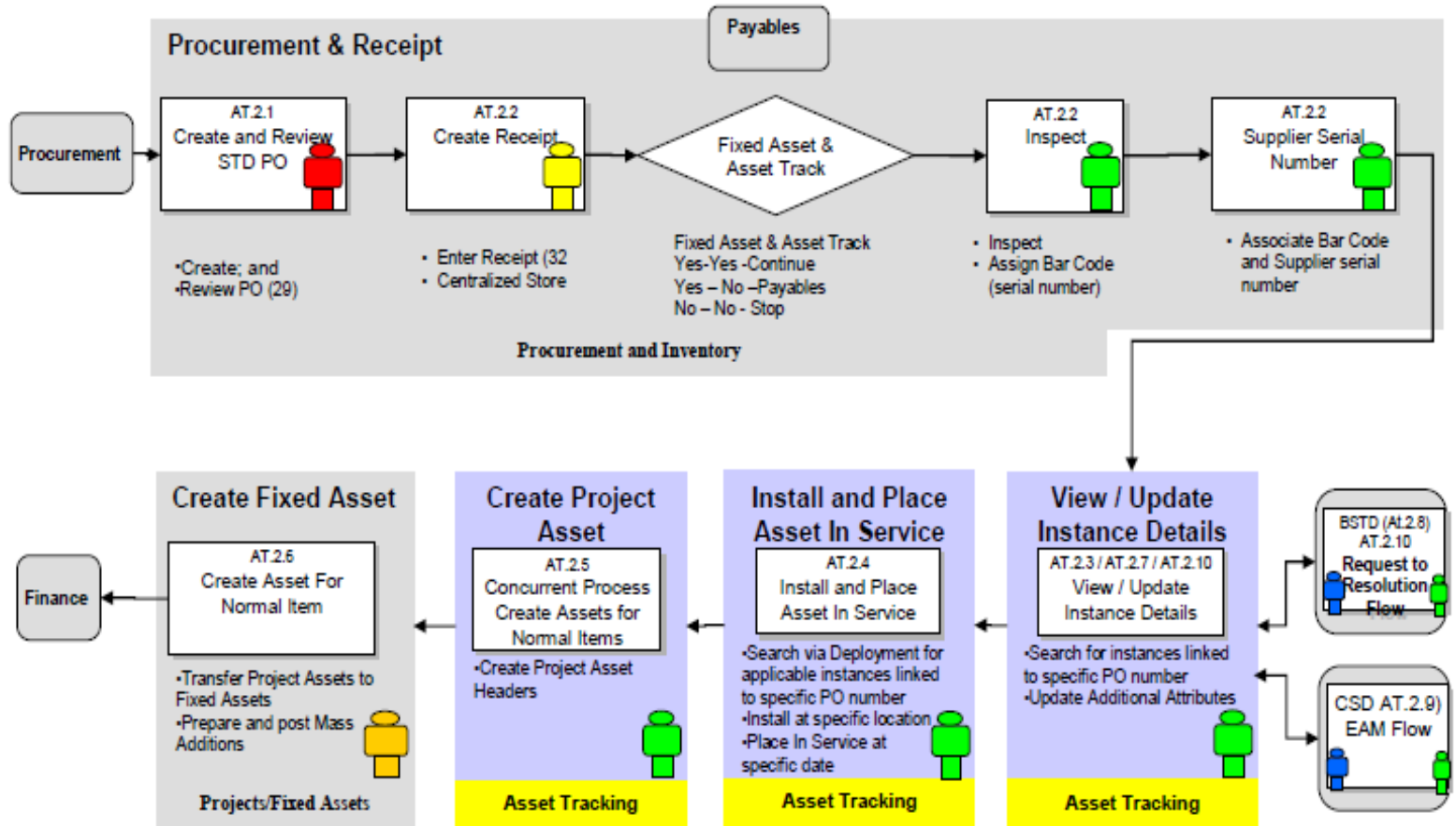
Purchase Order to Service – Normal Item - Part 1





Overview of process flow

Purchase Order to Service – Normal Item - Part 2





Install base Inventory Items (serialized)

- Serial numbers are tracked throughout the life cycle.
- When the item is introduced in inventory the serial number is associated to it.
- Track in Install Base is a check-box parameter



Requisitioning with project information

- Enable Budgetary Controls and Encumbrance Accounting
- Enter project details on requisition
- Commitment for requisitions



Purchase orders with project information

- Enable Budgetary Controls and Encumbrance Accounting
- Obligation for purchase orders
- When auto created, project details pull through from the requisition



Receiving purchase orders with bar code information

- On receipt
 - Do receipting transaction
 - Do inspection
 - If it passes inspection assign your serial number (serial numbers can be auto generated or manually entered)
- If an item is serialized, then a new instance will always be created in AT.
- Once the goods are receipted, item is created in Asset Tracking and 2 expenditure lines are created in Projects



Auto creation of an Asset Tracking item instance

- Creates an instance.
 - First status of Not Used
 - Second status changed to installed
 - Third status Place in service



The interface of in service asset tracking items to projects

- Through Oracle we can run a request set. In this request set the following are run;
- Create Assets for Normal Items(1)
 - Interface In-Service Transactions to Oracle Projects - Normal Items
 - PRC: Transaction Import
 - Create Asset Headers in Oracle Projects - Normal Items



Creation of asset headers

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Workbench

Capital Project Assets
 Retirement Adjustment Assets

Capitalization Details | Asset Details | Addtl Asset Details | Location, Employee | Depreciation | Description

Asset Name	Project Asset Type	Event Num	Date in Service	
			Estimated	Actual
1 set of table top stand.130474	As-Built	None		2011-08-08
12 Fibre LCs Cisco GE SFP LC Con	As-Built	None		2011-04-07
16 x DVD +/- RW.25138	As-Built	None		2010-03-29
16 x DVD RW.27389	As-Built	None		2010-04-21
16 x DVD RW.27403	As-Built	None		2010-04-22
16 x DVD RW.32872	As-Built	None		2010-05-31
16 x DVD/+/- RW	As-Built	None		2010-03-16
16 x DVD/+/- RW.21835	As-Built	None		2010-03-16
16X DVD +/-RW.20488	As-Built	None		2010-03-10
16X DVD +/-RW.21416	As-Built	None		2010-03-12

Open | Assign Asset | Reverse | Asset Lines | Copy Asset



The generation of asset lines in projects

- To run PRC: Generate Asset Lines for a Single Project

Summary Project Amounts

Project	Project Name	Expensed	CIP	Interfaced CIP	RWIP	Interfaced RWIP	Total
B Non Project 09/1	09/10 ICT User Rec					00	7,910,221.78

Asset Date Through: 2011-10-14

PA Through Date: 2011-10-14

Include Common Tasks

OK Cancel

Requests Task Amounts Generate... Lines Assets Capital Events

Assigning project asset lines

Workbench

Capital Asset Lines
 Retirement Cost Lines

Asset Name	Description	Task	Amount
UNASSIGNED	(19416, 20418) ENTERF	BAR170 CAP	0.00
UNASSIGNED	(19417, 20419) ENTERF	BAR170 CAP	0.00
UNASSIGNED	(35252) ENTERPRISE II	BAR170 CAP	8,749.50
UNASSIGNED	(38754, 75315, 116193)	BAR170 CAP	123,282.35
UNASSIGNED	(38780, 75314, 116194)	BAR170 CAP	5,006.52
UNASSIGNED	(75218) ENTERPRISE II	BAR170 CAP	1,393.00
UNASSIGNED	(75217) ENTERPRISE II	BAR170 CAP	2,131.92
UNASSIGNED	(75215, 75216) ENTERF	BAR170 CAP	5,016.52

Additional Line Information

Original Amount	<input type="text" value="0.00"/>	CIP Account	<input type="text" value="10.28203.13701.10101.00000000.00000000"/>
Split Percentage	<input type="text"/>	Status	<input type="text" value="Pending"/>
FA Period Name	<input type="text"/>	Rejection Reason	<input type="text"/>

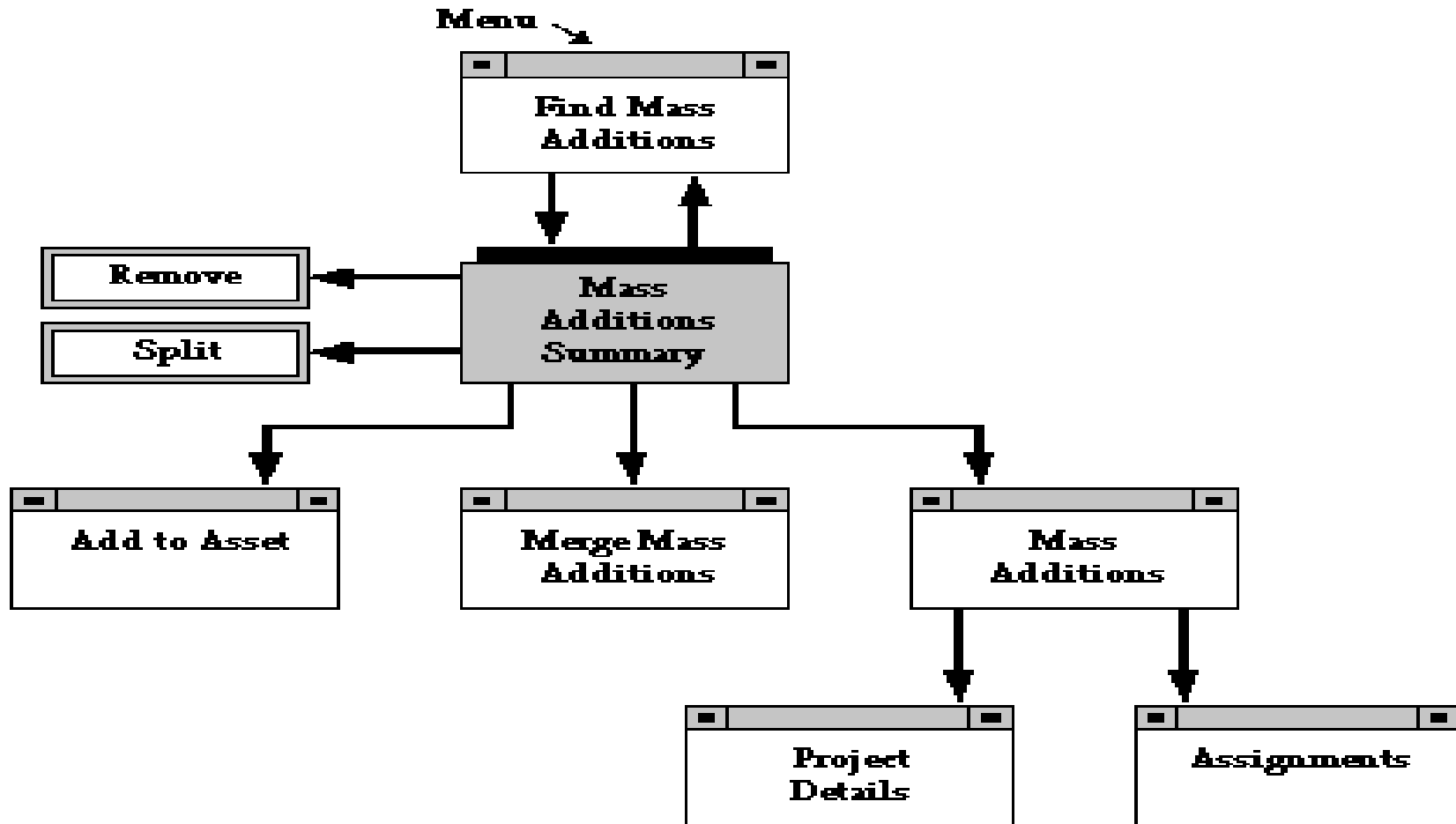


Interfacing projects assets (WIP) to Oracle Fixed Assets

- Run the Oracle Projects program PRC: Interface Assets to Oracle Asset.
- This process merges the asset lines into one mass addition line for each asset.
- The mass addition line appears in the Prepare Mass Additions Summary window in Oracle Assets as a merged parent with a cost amount of zero and a status of MERGED.
- The line description is identical to the description of the supplier invoice expenditure item in Oracle Projects.



Prepare and Post Mass Additions





Tieback Assets between Projects and Fixed Assets

Submit Request

Run this Request...

Copy...

Name: PRC: Tieback Asset Lines from Oracle Assets

Operating Unit: SARB Head Office

Parameters:

Language: American English

Language Settings... Debug Options

At these Times...

Run the Job: As Soon as Possible

Schedule...

Upon Completion...

Save all Output Files

Layout:

Notify:

Print to: noprint

Options...

Help (C) Submit Cancel

Run the "PRC: Tieback Asset Lines from Oracle Assets" process to update the assets lines transfer status in Projects



Accounting Entries

PO set to Accrue at Receipt

Reserve the PO

Debit	Credit
<i>Budget a/c</i>	<i>RFE a/c</i>

Deliver the PO

Debit	Credit
<i>Expense/Mat.Val a/c</i>	<i>R.I a/c</i>
<i>RFE a/c</i>	<i>Budget a/c</i>

Receive the PO

Debit	Credit
<i>R.I a/c</i>	<i>Expense/invento ryAP Accrual a/c</i>

Invoice

Debit	Credit
<i>Expense/invento ryAP Accrual a/c</i>	<i>Liability a/c</i>

Blue - PSA

Green - Costing

Orange - Payables



Asset Profiling

www.oracle.com.za
Fixed Assets

Simple Search

You must enter one of the following fields before executing your search.

[Advanced Search](#)

Asset Number	<input type="text"/>	<input type="text"/>	Description	<input type="text"/>
Bar Code Number	<input type="text"/>	<input type="text"/>	Tag Number	<input type="text"/>
Employee Name	<input type="text"/>	<input type="text"/>	Location	<input type="text"/>

Select	Asset Number	Description	Bar Code Number	Tag Number	Asset Key	Asset Type
<input checked="" type="radio"/>	VEH-PYR861GP	VEH-PYR861GP -			18201	CAPITALIZED

TIP The results only show those assets, which have a book control class as "Corporate".

VEH-PYR861GP: VEH-PYR861GP -

Manufacture **Opel** Units **1**
Model **Astra OPC** Associated Units **1**

Associated Item Instances

Select Object: | Add Item Instances

[Select All](#) | [Select None](#)

Select	Item Description	Item	Item Instance	Bar Code Number	Quantity	UOM	Current Location Type	Current Location	Operational Status	Enable Auto Update
<input type="checkbox"/>	TRANSCRIPTION KIT : OTHER AUDIO EQUIPMENT	GA01846	1532000	00074011	1	Ea	HZ Location	PTA.CHURCH.EXE.EXE.FL32.0000, Executive Management Department, , , ZA	In Service	



Rejected Transactions in the Projects Interface Table

Examples of Rejection Reason Codes

Transaction Import may reject importing transactions for a variety of reasons.

Examples of rejection reasons and their descriptions are shown in the following list:

- **DUPLICATE_ITEM**
A transaction with the same transaction source and original transaction reference has already been imported into Oracle Projects (and the transaction source options do not allow duplicate references).
- **INVALID_END_DATE**
The value for the expenditure ending date is not a valid week ending date.
- **INVALID_PROJECT**
No project exists with the project number specified.
- **ITEM_NOT_IN_WEEK**
The expenditure item date for a timecard item does not fall within the timecard expenditure week.
- **PA_EXP_TASK_TC**
The transaction violates an expenditure transaction control at the task level.
- **PA_EXP_TYPE_INACTIVE**
The expenditure item date falls outside the effective dates of the expenditure type. Change the expenditure item date, expenditure type, or expenditure type dates.



Asset Tracking error correction and synchronization

Transaction Error Summary and Details

Process Flag	Transaction Type	Material Transa	Qty	Error Date	Error Messages	Item
<input type="checkbox"/>	PO Receipt into Pr			2011-07-18 17:02		
<input type="checkbox"/>	PO Receipt into Pr			2011-07-18 12:24	The Item is not Serial Controlled. You a	
<input type="checkbox"/>	PO Receipt into Pr			2011-07-18 12:24	Multiple active item instances for invent	
<input type="checkbox"/>	PO Receipt into Pr			2011-07-18 12:24	Multiple active item instances for invent	

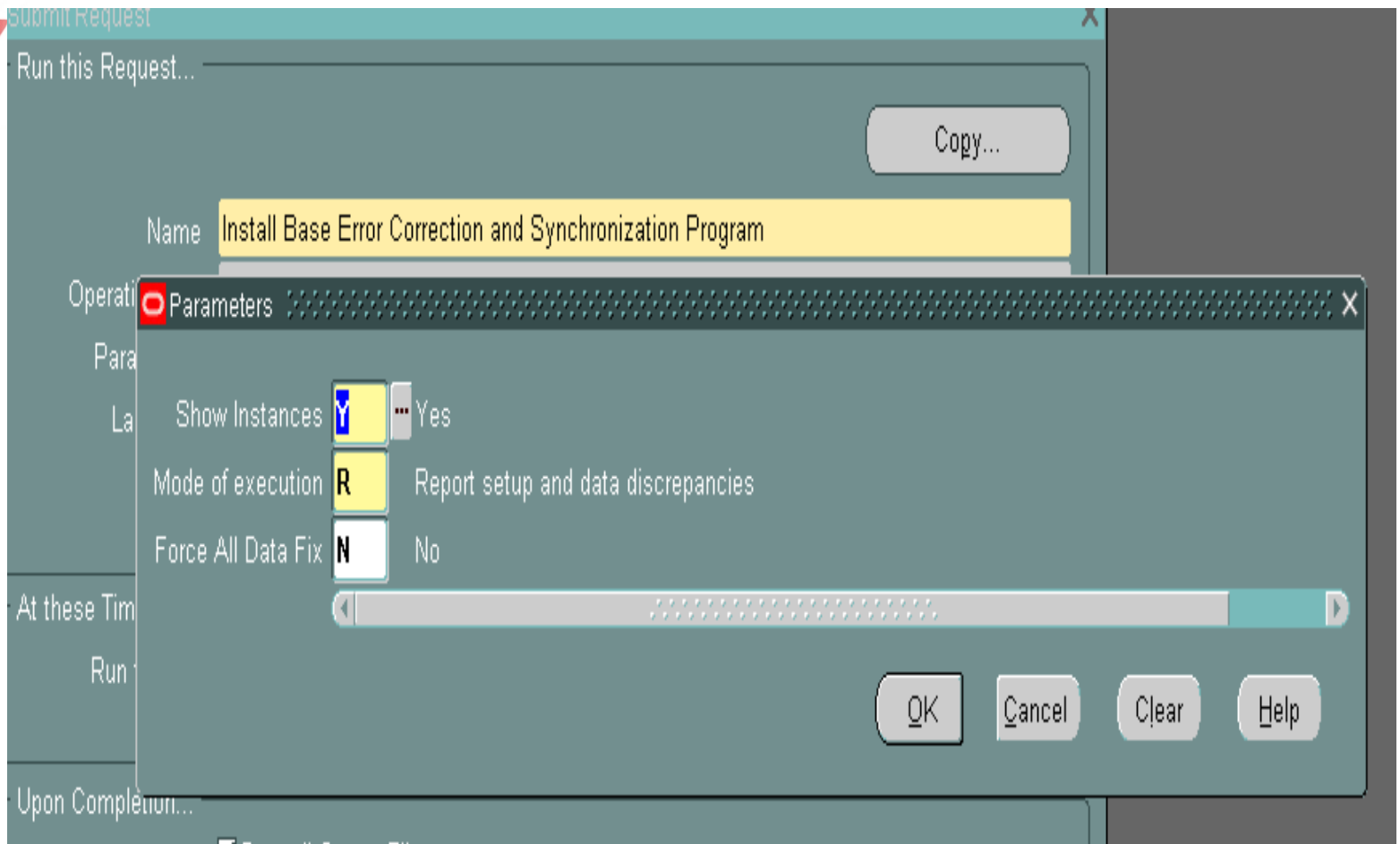
Transaction Error | Lot / Serial / Instance | Inventory Transaction

Error Id	275000	Error Date	2011-07-18 17:02:09
Inventory Org		Item	
Transaction Id		Transaction Type	PO Receipt into Project
Source Type	PO_RECEIPT_INTRO_PRO	Source Id	8788221
Group Reference		Group Reference Id	
Header Reference		Header Reference Id	
Line Reference		Line Reference Id	
Reference Id 1		Dist Reference Id 2	
Transaction Qty		Sub Inventory	
Error Messages			

Source Control C
Serial Nurr
Lot Nur
Revi
Loc

Transaction Detail | Instance Detail

Install Base Error Correction





The importance of the sequence of the transactions

Process Flow Steps to Receive Normal item into Project and create Asset.

- Create a purchase order
- **Receive the purchase** order into the project
- Run Projects **transaction import**.
- Asset Tracking:
 - Select Transaction Type = Project **Item Installed**
 - Transaction Type = Project **Item in Service**
- Run concurrent request set: Create Assets for Normal Items(1) Includes:
 - **Interface In-Service Transactions** to Oracle Projects - Normal Items
 - **PRC: Transaction Import**
 - **Create Asset Headers** in Oracle Projects - Normal Items
- Run concurrent request:
 - PRC: **Generate Asset Lines** for a Single Project
 - PRC: **Interface Assets** to Oracle Assets
- Run **Post Mass Additions** from Fixed Assets.

Knowledge Transfer to Key Users



- Training
- Procedural manuals
- Exception handling
- Succession planning
- Problem and resolution logging



QUESTIONS ?

Thank you