

I settle Process Orders (PP orders)

Process: Monthly costing and cost accounting closing

Responsibility area: Perform Costing Monthly Closing

- For **calculation of variances and posting**, don't forget that you have to run always the transactions in processing mode (**ZWFA76**, **KKS1**, **KKS2**, **ZWFA78**, **CO88** and **KO88**). If you ran it before in test mode, you will have to run it again in processing mode.
- For **WIP** (**ZWFAA07**, **KKAO** and **KKAX**) you have to run the transaction only in test mode, NOT in processing mode.
- For the **check of the process orders balance** (**KOC4**), it is preferable to launch it in background in order not to reduce the SAP performance for the other SAP users.
- The **error messages** that can appear when running each step can be checked in the spool log. Each one has a specific treatment, but only the ones generating inconsistencies require analysis. If necessary, Regional Cost Accounting FtO will provide additional support to reach a solution.

Scope



Frequency



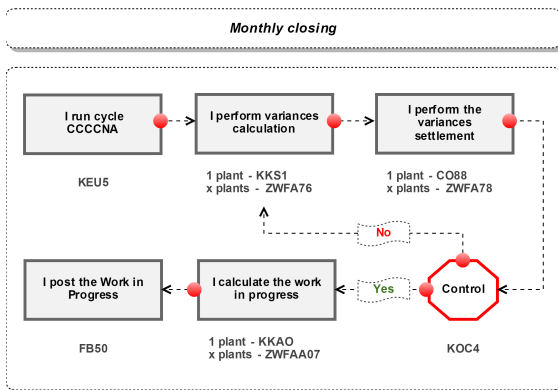
References

- [OP.008](#)
- [OP.008](#)

Attachments

N/A

xx << I settle Process Orders (PP orders) >> xx



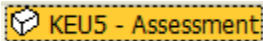
Guideline

Before start processing the process orders costs you have to run cycle **CCCNA** in real mode in order to settle the "process order variances statistics" from cost center **CCCC-9201** (In some cases there are cost centers that start with **PPPP-9201** for historical reasons). At this stage only small amounts should be on cost center (rounding amounts). In case of high amounts in the balance should be analysed the reason before doing the settlement. For threshold please consider 3K€.

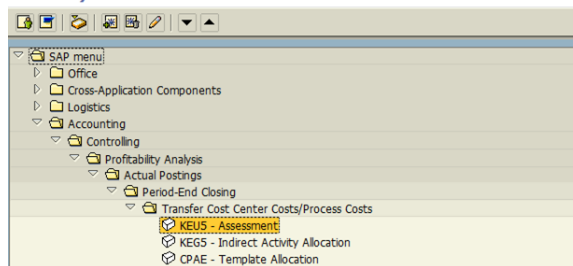
STEP 1

Start the transaction using the menu path or transaction code **KEU5**

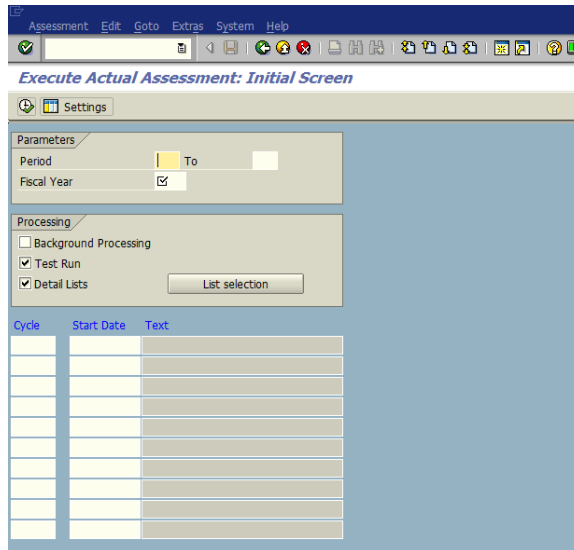
Double-click



SAP Easy Access



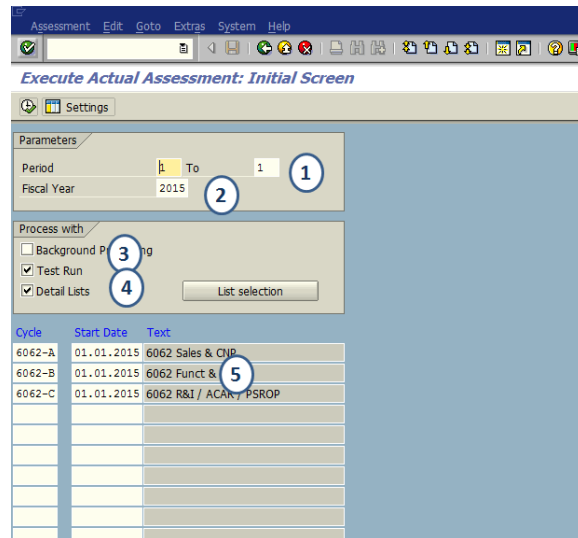
Execute Actual Assessment: Initial Screen



STEP 2

On the Execute Actual Assessment screen, make the following entries:

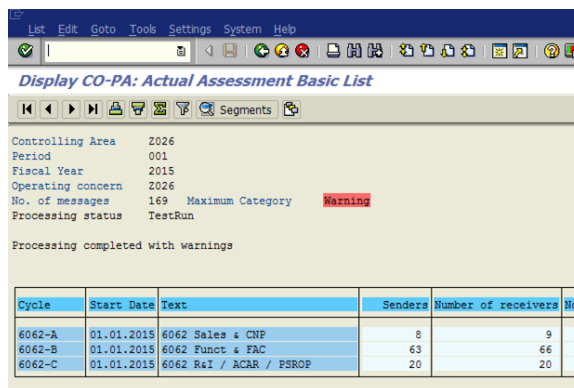
	Field name	User action and values	Comment
0	Controlling Area (dialog box)	Enter controlling area	Only needed if dialog box displays.
1	Periods	Enter one number in each field, for example, from 1 to 1	Jan =1, Dec=12
2	Year	Current year	
3	Test run		Use test run until the run is error-free
4	Detailed lists	x	
5	Cycle	Enter the cycle code => the Start Date comes when you click Enter	You can execute several cycles in one execution



STEP 3

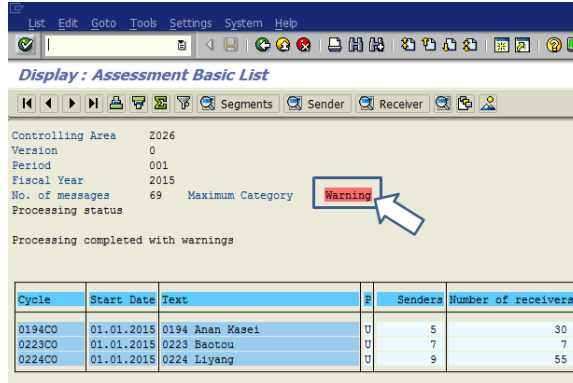
Execute

It is compulsory to clear Error messages before saving the cycle

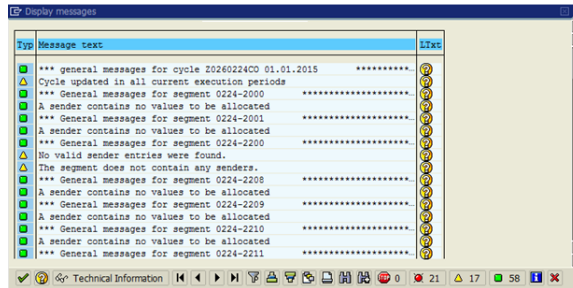


i Inform the person in charge of cycles maintenance if there are errors messages and wait until there are solved before starting the next step

Click **Warning** or **Errors** to display messages

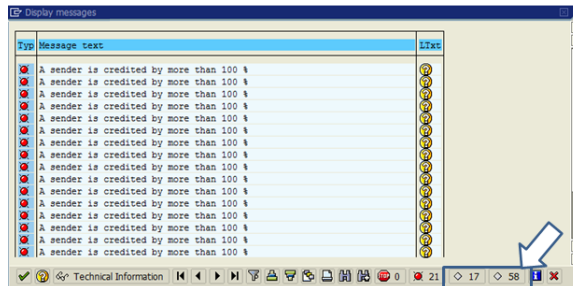


i Messages are displayed

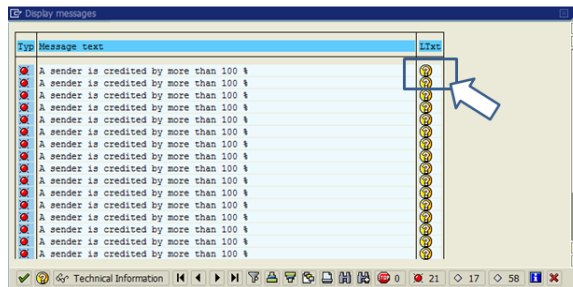


You can click:

: hide information
and/or : warning messages



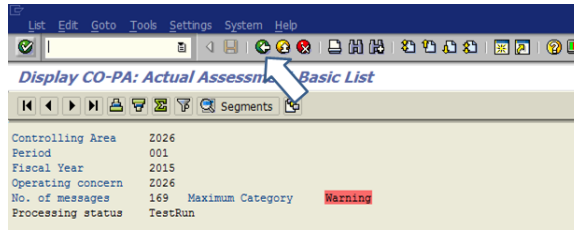
and then click to get more detail regarding the error message



- GA717 - No receiver tracing factors defined
- GA721 - A sender is credited by more than 100 %

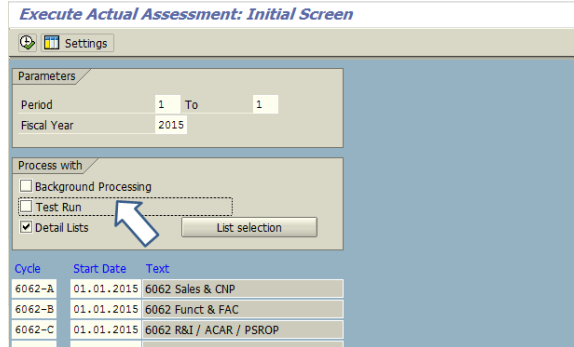
STEP 4

Go back to the initial screen by clicking 

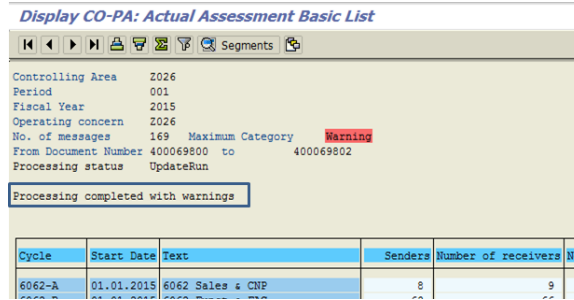


STEP 5

Untick the field "Test run" and execute 




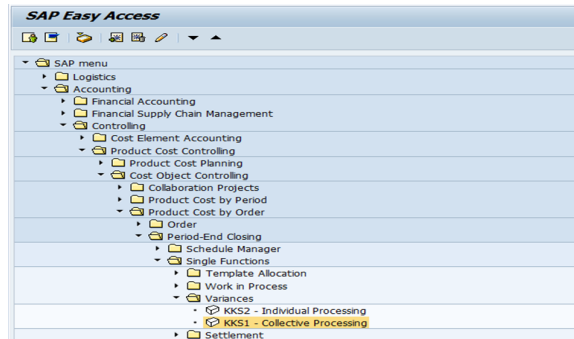
The process is completed without error



STEP 1

Start the transaction using the menu path or transaction code

 **KKS1 - Collective Processing**



Variance Calculation: Initial Screen

Variance Calculation: Initial Screen

Plant All Plants in Controlling Area

With Production Orders
 W/Product Cost Collectors
 With Process Orders

Parameters

Period
Fiscal Year

All target cost vsns 000,001,003
 Selected Target Cost Vsns 000

Processing options

Background Processing
 Test Run
 Detail list

STEP 2

1. Enter the plant code
2. Untick "with Production Orders"
3. Do not tick "W/Product Cost Collectors"
4. Select "With Process Orders"
5. Enter the period to close and the fiscal year
6. Select "Background Processing"
7. Untick "Test Run"
8. Tick "Detail list"

Execute 

Variance Calculation: Initial Screen

Plant All Plants in Controlling Area

With Production Orders
 W/Product Cost Collectors
 With Process Orders

Parameters

Period
Fiscal Year

All target cost vsns 000,001,003
 Selected Target Cost Vsns 000

Processing options

Background Processing
 Test Run
 Detail list

STEP 3

If requested enter the controlling area

and 

Variance Calculation: Initial Screen

Plant All Plants in Controlling Area

With Production Orders
 W/Product Cost Collectors
 With Process Orders

Parameters

Period
Fiscal Year

All target cost vsns 000,001,003
 Selected Target Cost Vsns 000

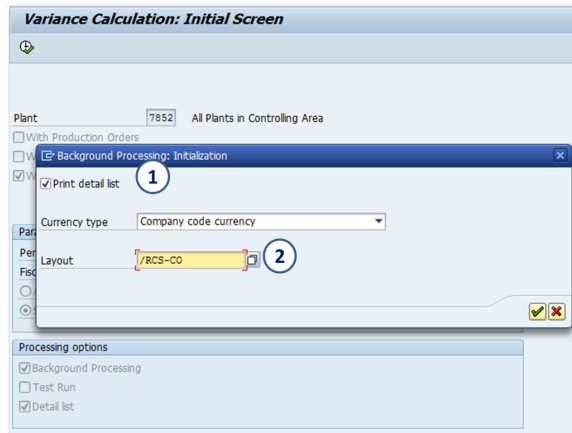
Processing options

Background Processing
 Test Run
 Detail list

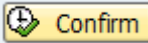
Set Controlling Area
Controlling Area

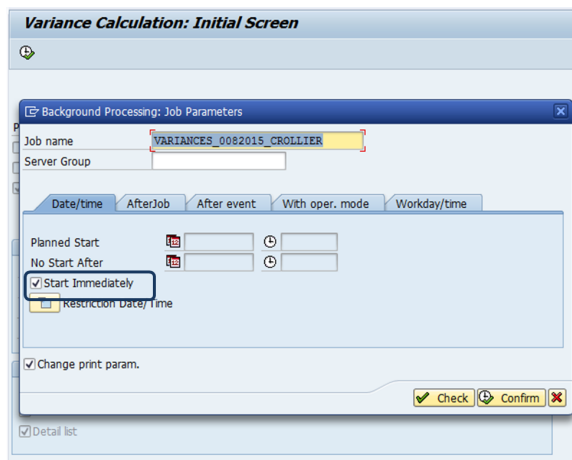
STEP 4

1. Tick on « Print detail list »
2. Select the layout « /RCS-CO »




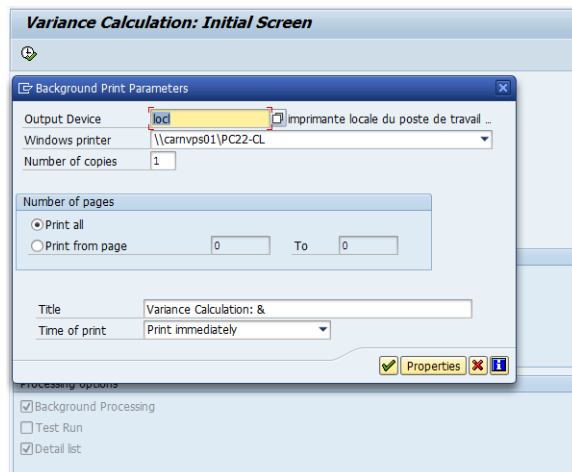
STEP 5


- Use the default job name and the default server group
- Tick on « Start immediately »
- Click on 

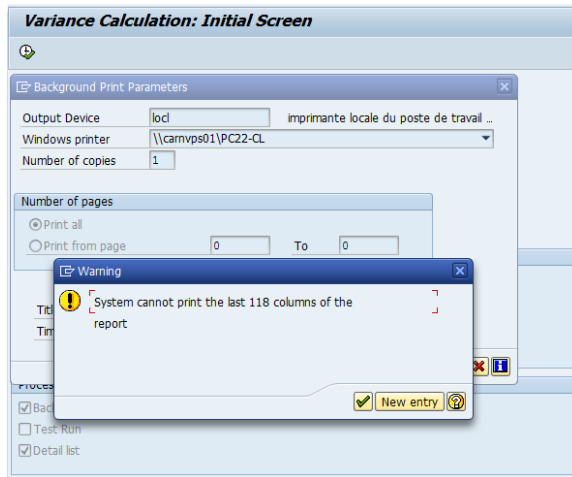


STEP 6

- Enter an output device
- Validate the printing parameters
- and enter 



You can skip the warning message by clicking on 

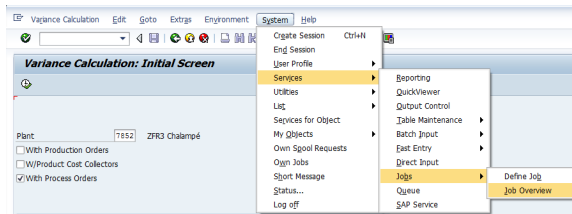


A message informs that the Job is active

Job VARIANCES_0082015_CROLLIER for user CROLLIER is Active

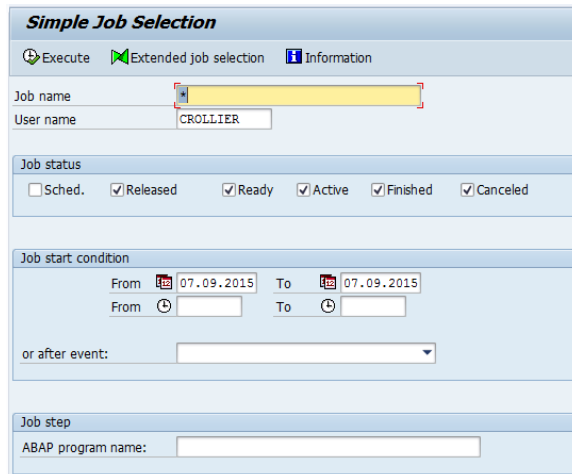
STEP 7

Open the job overview



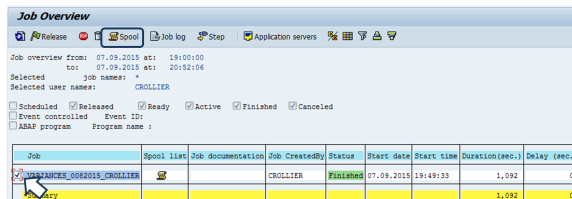
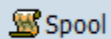
STEP 8

Execute  with your user name



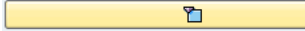
STEP 9

Once the job has the status finished, you can display the spool by selecting the job and clicking on

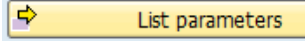


STEP 10

1. Click on



2. Enter the list of plants
3. Select "With Process Orders"
4. Enter the period to close and the fiscal year
5. Untick "Test Run"
6. Tick "Parallel processing"
7. Tick "Detail list"
8. Click on



- Tick "Print detail list"
- Enter the layout /RCS-CO

The screenshot shows the SAP transaction 'Variances: Manufacturing Orders and Product Cost Collectors'. It includes fields for Plant (7851), Order Type, and Order. There are checkboxes for 'With Production Orders', 'With Process Orders', and 'With Product Cost Collectors'. The Parameters section includes Period (€), Fiscal Year (2015), and target cost versions. Processing options include 'Test Run', 'Parallel processing', and 'Detail list'. A 'Background Processing: Initialization' dialog is open, showing 'Print detail list' checked and 'Currency type' set to 'Company code currency'. A 'Multiple Selection for Plant' dialog is also visible, showing selected plants 7851 and 0007.

Execute

Background Processing

You can execute this transaction in background pressing F9 and you will get the job spool through S MX

STEP 3

You are informed that tasks are running

The screenshot shows the SAP background processing status screen. It displays 'Objects processed so far' as 8,800, 'Run time (total no. of tasks)' as 00:01:46, and 'Runtime (real time)' as 00:00:45. Below is a table of tasks:

Task	RFC destination	Status	Number	Runtime	Run time in subtask
1	wv1sapr3_WV1_00	Task is running	1,000	00:00:45	00:00:43
2	wv1sapr3_WV1_00	Task is running	1,000	00:00:30	00:00:30
3	wv1sapr3_WV1_00	Task is running	800	00:00:31	00:00:30

STEP 4

The variance calculation report is displayed

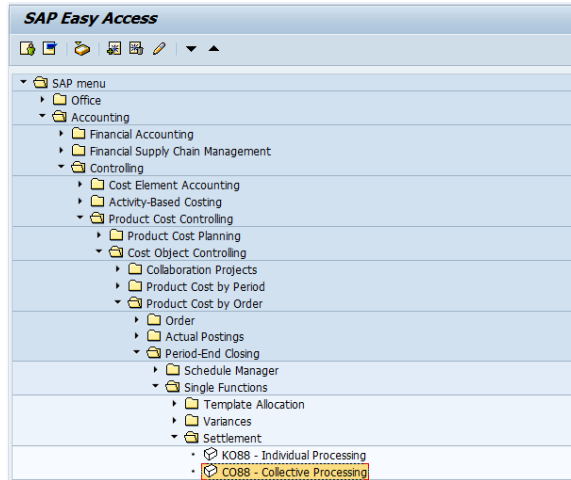
The screenshot shows the 'Variance Calculation: List' report. It includes filters for Period (8), Fiscal year (2015), Messages (31,596), and Currency (EUR). The report displays a table of cost objects with their respective target and actual costs and variances.

Plant	Cost Object	Material	Target Costs	Actual Costs	Variance
		00000000000010519	0.00	9,065.96	322.15
		00000000000010566	0.00	22,307.30	92.29
		00000000000010567	0.00	0.00	0.00
		00000000000010571	0.00	0.00	0.00
		00000000000011830	0.00	4,303,909.1	499,965.26
		00000000000015158	0.00	5,885.24	3.38
		00000000000016177	0.00	0.00	0.00
		00000000000016181	0.00	0.00	0.00
		00000000000017023	0.00	44,755.74	127.70
		00000000000017024	0.00	3,492.86	67.96
		00000000000017032	0.00	0.00	0.00
		00000000000017036	0.00	0.00	0.00
		00000000000021117	0.00	0.00	0.00
		00000000000023128	0.00	22,070.57	401.44
		00000000000023335	0.00	0.00	0.00
		00000000000023474	0.00	31,723.72	173.19
		00000000000024274	0.00	0.00	0.00
		00000000000024504	0.00	137,203.33	13,447.84
		00000000000024572	0.00	15,249.72	223.54
		00000000000025255	0.00	0.00	0.00
		00000000000025449	0.00	51,190.55	421.29
		00000000000036011	0.00	5,708.74	272.99

STEP 1

Start the transaction using the menu path or transaction code

CO88 - Collective Processing



i Actual Settlement:
Production/Process Orders:
Initial screen

Actual Settlement: Production/Process Orders

Plant: ZFR3 Chalampé

With Production Orders
 With Process Orders
 With Product Cost Collectors
 With QM Orders

With Orders for Projects/Networks
 With Orders for Cost Objects

Parameters

Settlement period: Posting period:

Fiscal Year:

Processing type:

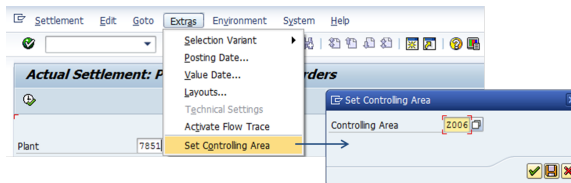
Processing Options

Background Processing
 Test Run
 Detail List
 Check trans. data

[Layouts](#)

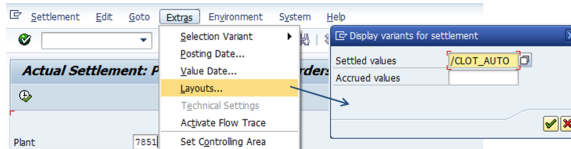
STEP 2

Set the controlling area



STEP 3

Define the layout for the result : /CLOT_AUTO



STEP 4

1. Enter the plant code
2. Select with "Process Orders"
3. Parameters
 - Enter the period to close and the fiscal year
 - Select the processing type "Automatic"

4. Tick "Background Processing"
5. Untick "Test Run"
6. Tick "Detail list"
7. Tick "Check trans. data"

Execute 


STEP 5

- Tick "Start immediately"


• Confirm  Confirm

STEP 6

- Enter an output device
- Validate the printing

parameters 

A message informs that the Job is ready

 Job SET_ORD for user CROLLIER is Ready

STEP 7

Display the result

STEP 8

Execute with your username

Simple Job Selection

Execute Extended job selection Information

Job name:

User name: CROLLIER

Job status: Sched. Released Ready Active Finished Canceled

Job start condition

From: 08.09.2015 To: 08.09.2015

From: To:

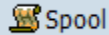
or after event:

Job step

ABAP program name:

STEP 9

Once the job has the status finished, you can display the spool by selecting the job and clicking on



Job Overview

Release Spool Job log Step Application servers

Job overview from: 08.09.2015 at: 13:00:44
to: 08.09.2015 at: 13:13:56

Selected job names: *
Selected user names: CROLLIER

Scheduled Released Ready Active Finished Canceled

Event controlled Event ID:

ABAP program Program name:

Job	Spool list	Job documentation	Job CreatedBy	Status	Start date	Start time	Duration(sec.)	Delay (sec.)
SP1_0RD			CROLLIER	Finished	08.09.2015	13:11:52	647	0
MAI_Ary							647	0

STEP 10

Select the spool and click on



Output Controller: List of Spool Requests

Spool no.	Type	Date	Time	Status	Pages	Title or name of spool request
73609		08.09.2015	19:22	-	6	Actual Settlement: Production/Process Orders

STEP 11

The result displayed the sender, the receiver and the posted amount

Note: the settlement will only be done for orders with the status DLV (Delivered) or TECO (Technically completed). Orders without these status are considered WIP (Work in Process)

Detail list - Settled values

Sender	Short text: Sender	Receiver	ValCOArCur	Inform.
ORD 2618729	ACIDE ADIPIQUE EX -EFFOL (EFFOL + AAST	MAI 7852/74337	13,142.69	
ORD 2618729	ACIDE ADIPIQUE EX -EFFOL (EFFOL + AAST	FSG 0007932372	13,142.69	Variances
ORD 2619481	ACIDE ADIPIQUE EX -EFFOL (EFFOL + AAST	MAI 7852/74337	13,142.69	
ORD 2619481	ACIDE ADIPIQUE EX -EFFOL (EFFOL + AAST	FSG 0007932352	13,142.69	Variances
ORD 2619613	ACIDE ADIPIQUE EX -EFFOL (EFFOL + AAST	MAI 7852/74337	13,142.69	
ORD 2619613	ACIDE ADIPIQUE EX -EFFOL (EFFOL + AAST	FSG 0007932340	13,142.69	Variances
ORD 2619626	ACIDE ADIPIQUE EX -EFFOL (EFFOL + AAST	MAI 7852/74337	13,142.69	
ORD 2619626	ACIDE ADIPIQUE EX -EFFOL (EFFOL + AAST	FSG 0007932328	13,142.69	Variances
ORD 2621823	ACIDE ADIPIQUE EX -EFFOL (EFFOL + AAST	MAI 7852/74337	13,142.69	
ORD 2621823	ACIDE ADIPIQUE EX -EFFOL (EFFOL + AAST	FSG 0007931714	13,142.69	Variances
ORD 2621928	ACIDE ADIPIQUE EX -EFFOL (EFFOL + AAST	MAI 7852/74337	13,142.69	
ORD 2621928	ACIDE ADIPIQUE EX -EFFOL (EFFOL + AAST	FSG 0007931696	13,142.69	Variances
ORD 2621933	ACIDE ADIPIQUE EX -EFFOL (EFFOL + AAST	MAI 7852/74337	13,142.69	
ORD 2621933	ACIDE ADIPIQUE EX -EFFOL (EFFOL + AAST	FSG 0007931675	13,142.69	Variances
ORD 2621938	ACIDE ADIPIQUE EX -EFFOL (EFFOL + AAST	MAI 7852/74337	13,142.69	
ORD 2621938	ACIDE ADIPIQUE EX -EFFOL (EFFOL + AAST	FSG 0007931660	13,142.69	Variances
ORD 2623129	ACIDE ADIPIQUE EX -EFFOL (EFFOL + AAST	MAI 7852/74337	13,142.69	
ORD 2623129	ACIDE ADIPIQUE EX -EFFOL (EFFOL + AAST	FSG 0007931642	13,142.69	Variances

STEP 1

Start the transaction ZWFA78



Variances: Manufacturing Orders and Product Cost Collectors: Initial Screen

Settlement: Production Orders and Product Cost Collectors

Plant:

Parameters
 Settlement period:
 Settlement year:
 Processing type: Automatic

Execution type
 Settlement
 Reverse settlement

Processing options
 Test Run
 Parallel processing
 Check transaction data

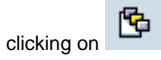
Output options
 With list

Optional parameters
 Posting period:
 Posting Date:
 Value date:

Technical settings

STEP 2

You can look for an existing variant by



clicking on Select the variant and

Check the settlement period & posting period

Execute

Settlement: Production Orders and Product Cost Collectors

Plant:

Parameters
 Settlement period:
 Settlement year:
 Processing type: Automatic

Execution type
 Settlement
 Reverse settlement

Processing options
 Test Run
 Parallel processing
 Check transaction data

Output options
 With list

Optional parameters
 Posting period:
 Posting Date:
 Value date:

Technical settings

ED: ABAP: Variant Directory of Program RK07CO88

Variant name	Short Description	Environment; Protected	Changed by	Last changed on
SCMA_7811_STPP	7811: PP order settlement	A	FYPANG	21.03.2014
SCMA_8090_STPP	8090: PP order settlement	A	PT300090	01.10.2014
SCMA_8485_STPP	SCMA_8485_STPP	A	PT300090	01.10.2014
SCMA_ZFR3_STPP	ZFR3: PP order settlement	A	PT300090	01.10.2014
SCMA_ZFR9_STPP	SCMA_ZFR9_STPP	A	PT300090	01.10.2014
SCMA_ZVE1_PPOR		A	BR004229	30.06.2014
2010-ZU54	ECO Services	A	MKONDABA	29.09.2014
2010-ZU54-2015	ECO Services	A	MKONDABA	29.09.2014
2025-7394		A		
2025-7523		A		
2026-7154	Rhodia Inc	A		
2026-7424	Rhodia Inc	A		
2026-7424-2015	Rhodia Inc	A	PESTELLE	04.01.2011
2028-7651	Rhodia Canada Inc	A	PESTELLE	02.03.2010
ZC088_Z001		A	PHGUENAR	09.03.2011
ZC088_Z006		A	ZLDSIC04	04.04.2013
ZC088_Z010		A	RKONDABA	12.11.2014
ZC088_Z026		A	PHGUENAR	09.03.2011

If you don't have the variant you can make the selection :

1. Click on
2. Enter the list of plants
3. Select "With Process Orders"
4. Enter the period to close and the fiscal year
5. Tick "Settlement"
6. Untick "Test Run"
7. Tick "Parallel processing"
8. Tick "Check transaction data"
9. Tick "With list"
10. Enter the Posting period (=Settlement period)

Execute

Background Processing

You can execute this transaction in background pressing F9 and you will get the job spool through **S MX**

Settlement: Production Orders and Product Cost Collectors

Plant:

Order Type: to

Order: to

With Production Orders
 With Process Orders
 With Product Cost Collectors
 With QM Orders

W/ Protect Ords
 With Orders for Cost Objects

Parameters
 Settlement period:
 Settlement year:
 Processing type: Automatic

Execution type
 Settlement
 Reverse settlement

Processing options
 Test Run
 Parallel processing
 With server group:
 Check transaction data

Output options
 With list

Optional parameters
 Posting period:
 Posting Date:
 Value date:

Technical settings

ED: Multiple Selection for Plant

Select Single Values (2)

0; SIn...

7851

0087

STEP 3

You are informed that tasks are running

SAP

Objects processed so far: 3,135
Run time (total no. of tasks): 00:02:22
Runtime (real time): 00:01:14

Task	RFC destination	Status	Number	Runtime	Run time in subtask
1	wv1sapr3_WV1_00	Task is running	1	00:00:01	00:00:00
2	wv1sapr3_WV1_00	Task is running	1,647	00:01:13	00:01:08
3	wv1sapr3_WV1_00	Task is running	1,487	00:01:08	00:01:01

STEP 4

The settlement was executed

Settlement: Production Orders and Product Cost Collectors Basic list

Selection

Selection Parameters	Value	Name
Plant	7852	ZFR3 Chalmopé
With Production Orders	X	
With Product Cost Collectors	X	
With Process Orders	X	
With QM Orders	X	
Period	008	
Posting period	008	
Fiscal Year	2015	
Processing type	1	Automatic
Posting Date	31.08.2015	
Controlling Area	Z006	Rhodia Europe

Processing Options

Selection Parameters	Value
Execution type	Settlement executed
Processing mode	Update run

If errors occurred in previous steps check the settlement rule and contact local responsible to correct it.

STEP 1

Start the transaction using the menu path or transaction code

KOC4 - Cost Analysis

Order Selection: Initial screen

SAP Easy Access

- SAP menu
 - Office
 - Accounting
 - Financial Accounting
 - Financial Supply Chain Management
 - Controlling
 - Cost Element Accounting
 - Cost Center Accounting
 - Internal Orders
 - Master Data
 - Year-End Closing
 - Information System
 - Reports for Internal Orders
 - Plan/Actual Comparisons
 - Summarization Reports
 - More Reports
 - S_ALR_87013010 - Orders: Breakdown by Period
 - S_ALR_87013019 - List: Budget/Actual/Commitments
 - KOC4 - Cost Analysis**

Order Selection

Plant: _____ to _____

Material Number: _____ to _____

Order Type: _____ to _____

Order: _____ to _____

External order no.: _____ to _____

Description: _____ to _____

Order category: _____ to _____

Results Analysis Data for Determination of Key Figures

From Period: 1 | 1900

To Period: 9 | 2015

Valuation View: _____

Target Cost Version: 0

RA Version: 0

Default Values for Currency

Controlling Area Currency

Company Code Cur./Object Cur.

Status Selection

Profile for Orders: _____

Profile for order headr: _____

Profile for order item: _____

Joint Production

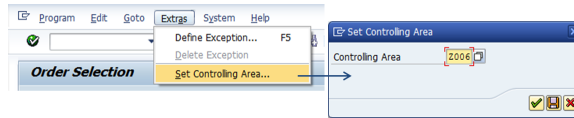
With Joint Production Orders

Only Joint Production Orders

No Joint Production Orders

STEP 2

Set the Controlling Area



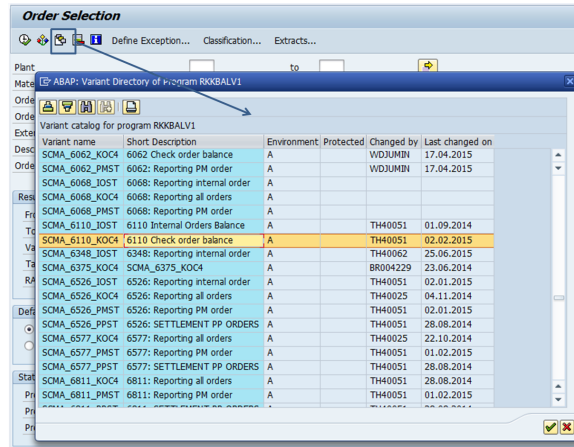
STEP 3

You can look for an existing variant by

clicking on

Select the variant and

Enter the period



When there is not an existing variant you can make the following selection :

1. Enter the plant code

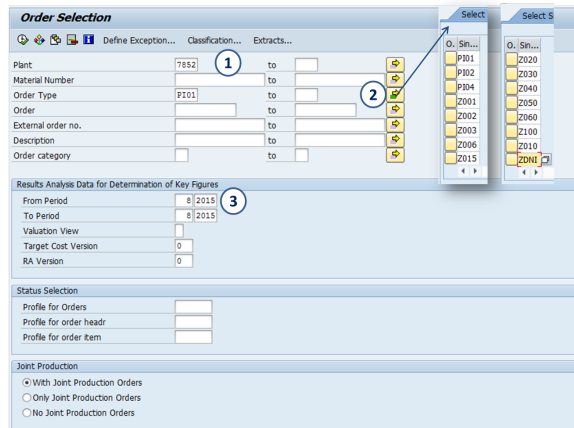
2. Enter the list of "order type" using the list below

PI01	Z002	Z015	Z050	ZDNI
PI02	Z003	Z020	Z060	
PI04	Z006	Z030	Z100	
Z001	ZDNI	Z040	Z010	

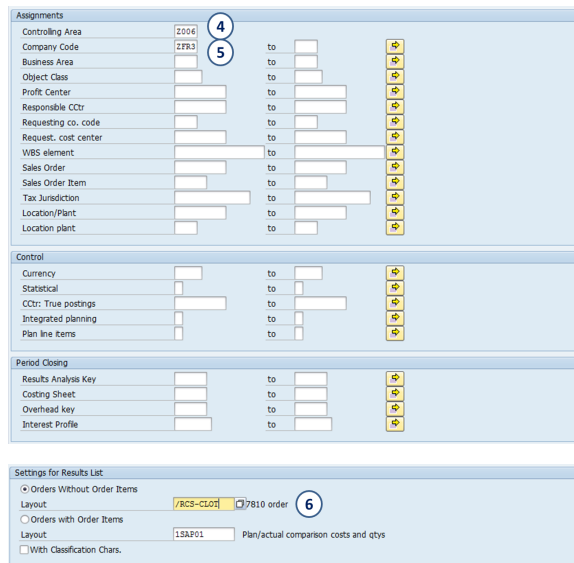
3. Enter the period

4. Enter the controlling area

5. Enter the company code

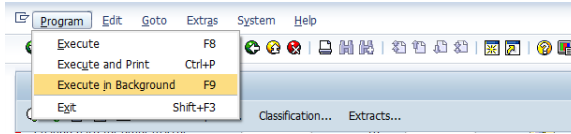


Enter the layout "/RCS-CLOT" to filter on non balanced orders




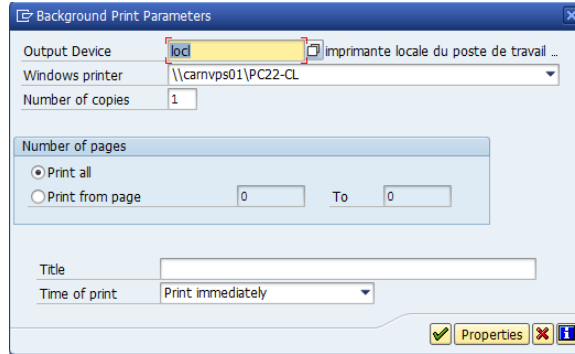
STEP 4

During the closing period, launch processing in background with RFCRCS server group (when the option is available)

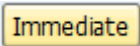



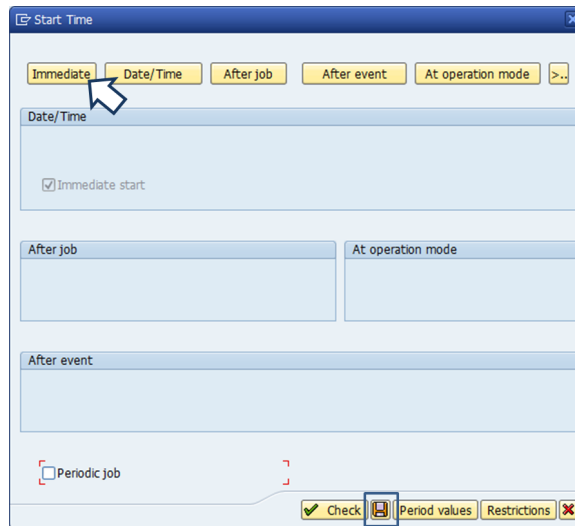
STEP 5

- Enter an output device
- Validate the printing parameters
- and enter 

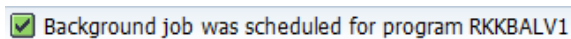


STEP 6

Click on  to launch the processing immediately and save 

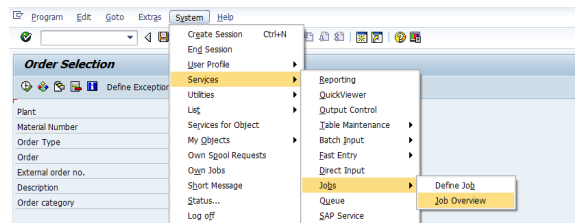


A message informs that the Job is active



STEP 7

Open the job overview



STEP 8

Execute  with your user name

Simple Job Selection

Execute Extended job selection Information

Job name:

User name: CROLLIER

Job status: Sched. Released Ready Active Finished Canceled

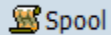
Job start condition: From 08.09.2015 To 08.09.2015

or after event:

Job step: ABAP program name:

STEP 9

Once the job has the status finished, you can display the spool by selecting the job and clicking on



Job Overview

Release Spool Job log Step Application servers

Job overview from: 08.09.2015 at: 15:33:41
To: 08.09.2015 at: 23:33:53

Selected job names: *
Selected user names: CROLLIER

Scheduled Released Ready Active Finished Canceled

Job	Spool list	Job documentation	Job CreatedBy	Status	Start date	Start time	Duration(sec.)	Delay (sec.)
<input checked="" type="checkbox"/> 73996			CROLLIER	Finished	08.09.2015	19:31:29	475	0
<input checked="" type="checkbox"/> Summary							475	0

STEP 10

Select the spool and click on



Output Controller: List of Spool Requests

no.	Type	Date	Time	Status	Pages	Title
<input checked="" type="checkbox"/> 73996		09.09.2015	01:39	-	2	LISTIS LOCL RKKBALV1_CRO

STEP 11

This report display all unbalanced process order.

Current Data

Plant	Order	Material Number	Crcy	Actual cost debit	Total act.costs
<input type="checkbox"/>	7852	3383546	61111	EUR 11,999.58	11,999.58
<input type="checkbox"/>	7852	3383547	61111	EUR 1,765.92	1,765.92
<input type="checkbox"/>	7852	3383548	61111	EUR 48,924.00-	48,924.00-
<input type="checkbox"/>	7852	3383549	61111	EUR 1,737.30	1,737.30
<input checked="" type="checkbox"/>	* 7852		61111	EUR 33,431.20-	33,431.20-
<input type="checkbox"/>	7852	3383585	72647	EUR 9,709.44-	9,709.44-
<input type="checkbox"/>	7852	3383586	72647	EUR 14,464.68-	14,464.68-
<input type="checkbox"/>	7852	3391561	72647	EUR 55,108.20-	55,108.20-
<input checked="" type="checkbox"/>	* 7852		72647	EUR 79,282.32-	79,282.32-
<input type="checkbox"/>	7852	3383535	72765	EUR 116,758.54	116,758.54
<input type="checkbox"/>	7852	3383536	72765	EUR 8,683.11-	8,683.11-
<input checked="" type="checkbox"/>	* 7852		72765	EUR 108,075.43	108,075.43
<input type="checkbox"/>	7852	3383528	72766	EUR 249.90-	249.90-
<input type="checkbox"/>	7852	3383529	72766	EUR 280.86-	280.86-
<input checked="" type="checkbox"/>	* 7852		72766	EUR 530.76-	530.76-
<input type="checkbox"/>	7852	3383578	72811	EUR 0.20-	0.20-
<input type="checkbox"/>	7852	3383579	72811	EUR 0.14-	0.14-
<input checked="" type="checkbox"/>	* 7852		72811	EUR 0.34-	0.34-
<input type="checkbox"/>	7852	3374280	72814	EUR 0.01-	0.01-
<input checked="" type="checkbox"/>	* 7852		72814	EUR 0.01-	0.01-
<input type="checkbox"/>	7852	3383571	73712	EUR 5,437.54	5,437.54
<input type="checkbox"/>	7852	3383572	73712	EUR 2,980.89-	2,980.89-
<input type="checkbox"/>	7852	3391562	73712	EUR 98,677.66	98,677.66
<input checked="" type="checkbox"/>	* 7852		73712	EUR 101,134.31	101,134.31
<input type="checkbox"/>	7852	3383563	74337	EUR 3,496.35-	3,496.35-
<input type="checkbox"/>	7852	3383564	74337	EUR 3,226.63-	3,226.63-
<input type="checkbox"/>	7852	3383566	74337	EUR 5,783.04-	5,783.04-

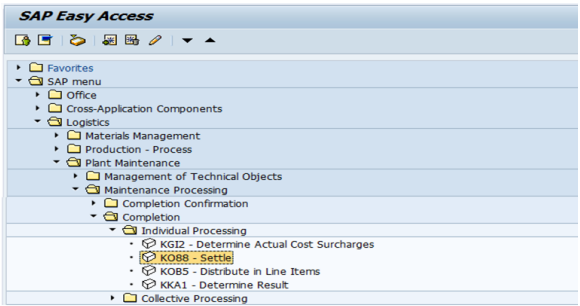
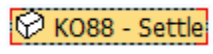
We can have sometimes some unbalanced process orders after the settlements due to late postings or materials lately costed. To perform the variance calculation and the settlement to COPA of these orders we have to do it individually using transactions KKS2 (for calculation) and KO88 (for the settlement).

Unable to render {include} The included page could not be found.

KO88 - VARIANCE SETTLEMENT

STEP 1

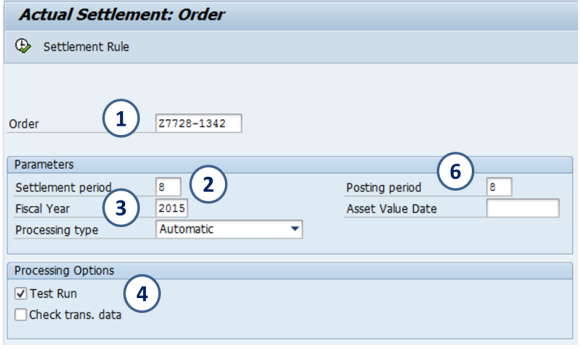
Start the transaction using the menu path or transaction code



STEP 2

1. Enter the order to be settled
2. Enter the settlement period
3. Enter the fiscal year
4. Select "test run" to preview the settlement without posting

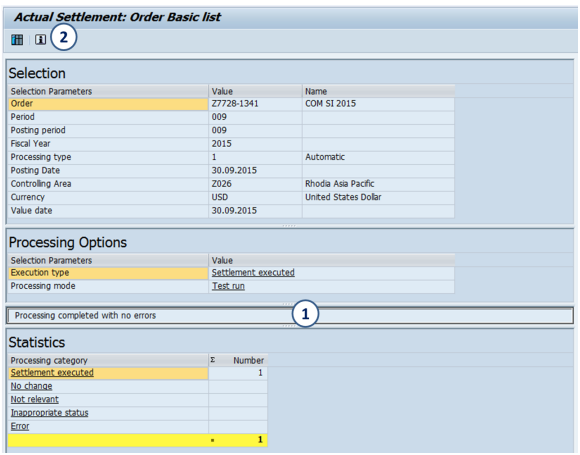
Execute



STEP 3

1. Check if there are error messages
2. Click on to display messages

Come back to the initial screen with



STEP 4

If there was no error, you can execute without "test mode"

Actual Settlement: Order

Settlement Rule

Order: 27728-1341


Parameters

Settlement period: 9 Posting period: 9
 Fiscal Year: 2015 Asset Value Date:
 Processing type: Automatic

Processing Options

Test Run
 Check trans. data

STEP 5

To view the detailed list of settlements click on 

Actual Settlement: Order Basic list

Selection

Selection Parameters	Value	Name
Order	27728-1341	COM SI 2015
Period	009	
Posting period	009	
Fiscal Year	2015	
Processing type	1	Automatic
Posting Date	30.09.2015	
Controlling Area	2026	Rhoda Asia Pacific
Currency	USD	United States Dollar
Value date	30.09.2015	

Processing Options

Selection Parameters	Value
Execution type	Settlement executed
Processing mode	Update run

Processing completed with no errors

Statistics

Processing category	Number
Settlement executed	1
No change	
Not relevant	
Inappropriate status	
Error	1

I perform corrective action if there are some errors in the previous steps



- For **WIP (ZWFAA07, KKAO and KKAX)** you have to run the transaction only in test mode, NOT in processing mode.

STEP 1

Start the transaction using the menu path or transaction code **KKAO**




Order Selection: Initial screen

Calculate Work in Process: Collective Processing

Plant: All Plants

With Production Orders
 With Product Cost Collectors
 With Process Orders

Parameters

WIP to Period: 
 Fiscal Year:
 All RA Versions
 RA Version

Processing Options

Background Processing
 Test Run
 Log Information Messages

Output Options

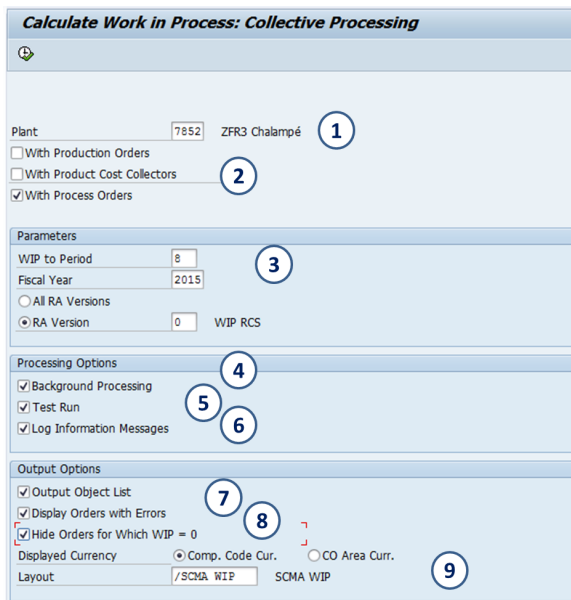
Output Object List
 Display Orders with Errors
 Hide Orders for Which WIP = 0
 Displayed Currency: Comp. Code Cur. CO Area Curr.
 Layout: /SCMA WIP SCMA WIP

STEP 2

1. Enter the plant
2. Select with "Process Orders"

3. Enter the WIP to period: last month for which the accrual /deferral or work in progress data must be calculated.
4. Tick "Background Processing"
5. Tick "Test Run"
6. Tick "Log Information Messages"
7. Tick "Display Orders with Errors"
8. Tick "Hide Orders for Which WIP = 0"
9. Layout = /SCMA WIP

Execute 



Calculate Work in Process: Collective Processing

Plant: 7852 ZFR3 Chalmé **1**

With Production Orders
 With Product Cost Collectors **2**
 With Process Orders

Parameters

WIP to Period: 8 **3**
 Fiscal Year: 2015
 All RA Versions
 RA Version: 0 WIP RCS

Processing Options

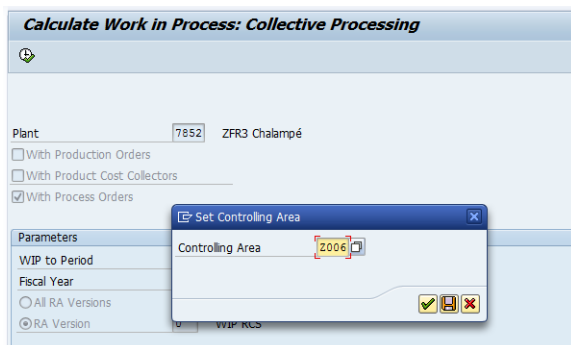
Background Processing **4**
 Test Run **5**
 Log Information Messages **6**

Output Options

Output Object List **7**
 Display Orders with Errors **8**
 Hide Orders for Which WIP = 0
 Displayed Currency: Comp. Code Cur. CO Area Curr.
 Layout: /SCMA WIP **9** SCMA WIP

STEP 3

Set the controlling area



Calculate Work in Process: Collective Processing

Plant: 7852 ZFR3 Chalmé

With Production Orders
 With Product Cost Collectors
 With Process Orders

Parameters

WIP to Period
 Fiscal Year
 All RA Versions
 RA Version

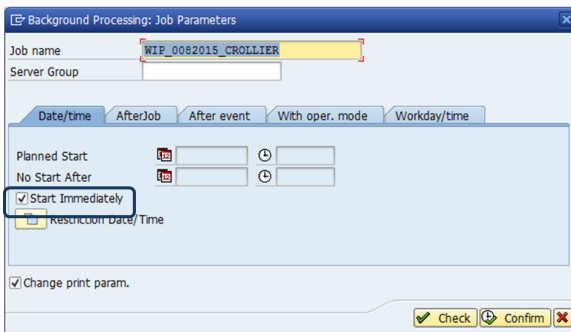
Set Controlling Area

Controlling Area: 2006

STEP 4

- Tick "Start immediately"

• Confirm 



Background Processing: Job Parameters

Job name: WIP_0082015_CROLLIER
 Server Group:

Date/time | AfterJob | After event | With oper. mode | Workday/time

Planned Start: [] []
 No Start After: [] []

Start Immediately
 Resurrection Date/Time

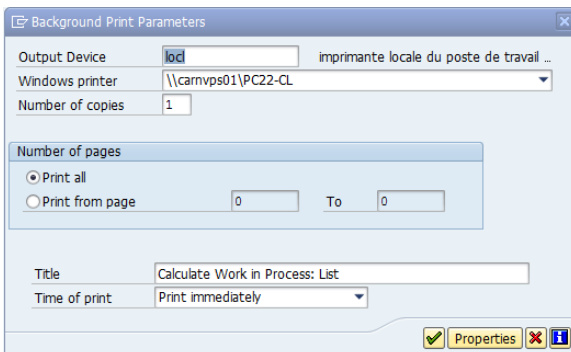
Change print param.

Check Confirm

STEP 5

- Enter an output device
- Validate the printing parameters

• and enter 



Background Print Parameters

Output Device: lcd imprimante locale du poste de travail ...
 Windows printer: \\camvps01\PC22-CL
 Number of copies: 1


Number of pages

Print all
 Print from page: 0 To: 0

Title: Calculate Work in Process: List
 Time of print: Print immediately

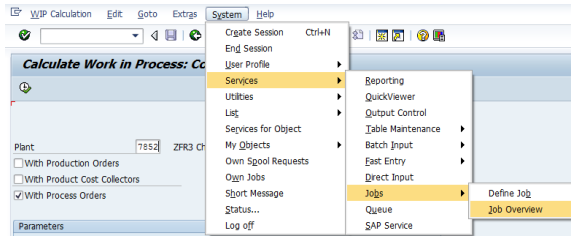
Properties

A message informs that the Job is active


 Job WIP_0082015_CROLLIER for user CROLLIER is Ready

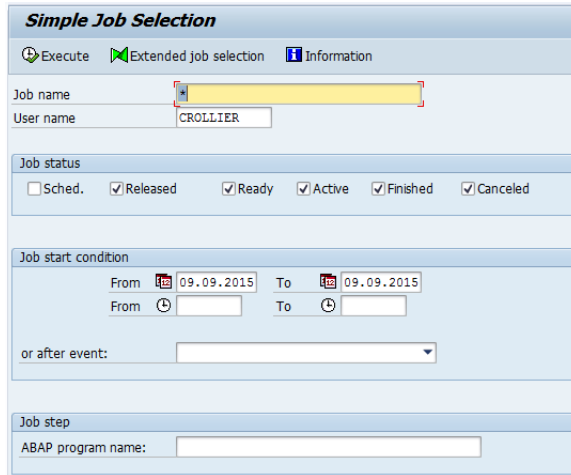
STEP 6

Open the job overview



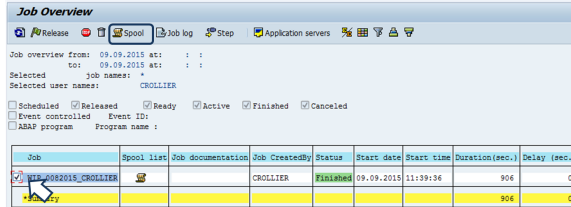
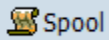
STEP 7

Execute  with your user name



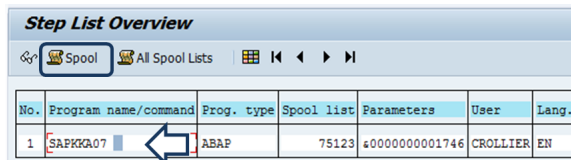
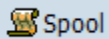
STEP 10

Once the job has the status finished, you can display the spool by selecting the job and clicking on



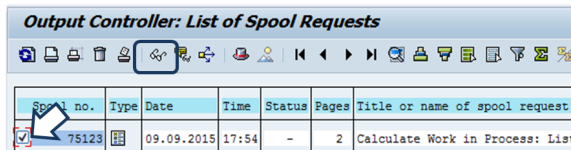
STEP 11

Select the program and click on



STEP 12

Select the spool and click on 



STEP 12

The order list with WIP was calculated

Work in Process: List

Accounting Date: 2015-01-01
 Number of Messages: 11,207
 Selection Method: Top 5 (Default)

Item	Type	Plant	Stock	Plant	Material	Material Description	Unit	Quantity	Value	Plant	Material	Value	Plant	Material	Value
COB	1001	0001	0000	0000	7154	WIP D+	A	1,000.00	1,000.00	0001	0000	1,000.00	0001	0000	1,000.00
COB	1001	0001	0000	0000	6062	WIP	A	1,000.00	1,000.00	0001	0000	1,000.00	0001	0000	1,000.00
COB	1001	0001	0000	0000	6110	WIP Calculation	A	1,000.00	1,000.00	0001	0000	1,000.00	0001	0000	1,000.00
COB	1001	0001	0000	0000	6526	WIP	A	1,000.00	1,000.00	0001	0000	1,000.00	0001	0000	1,000.00
COB	1001	0001	0000	0000	6577	WIP	A	1,000.00	1,000.00	0001	0000	1,000.00	0001	0000	1,000.00
COB	1001	0001	0000	0000	6811	WIP	A	1,000.00	1,000.00	0001	0000	1,000.00	0001	0000	1,000.00
COB	1001	0001	0000	0000	6857	WIP	A	1,000.00	1,000.00	0001	0000	1,000.00	0001	0000	1,000.00
COB	1001	0001	0000	0000	6875	WIP	A	1,000.00	1,000.00	0001	0000	1,000.00	0001	0000	1,000.00
COB	1001	0001	0000	0000	7405	WIP	A	1,000.00	1,000.00	0001	0000	1,000.00	0001	0000	1,000.00
COB	1001	0001	0000	0000	7523	WIP	A	1,000.00	1,000.00	0001	0000	1,000.00	0001	0000	1,000.00
COB	1001	0001	0000	0000	7797	WIP	A	1,000.00	1,000.00	0001	0000	1,000.00	0001	0000	1,000.00
COB	1001	0001	0000	0000	7811	WIP	A	1,000.00	1,000.00	0001	0000	1,000.00	0001	0000	1,000.00
COB	1001	0001	0000	0000	8090	WIP	A	1,000.00	1,000.00	0001	0000	1,000.00	0001	0000	1,000.00
COB	1001	0001	0000	0000	8485	WIP ALL PLANTS	A	1,000.00	1,000.00	0001	0000	1,000.00	0001	0000	1,000.00
COB	1001	0001	0000	0000	2028	WIP	A	1,000.00	1,000.00	0001	0000	1,000.00	0001	0000	1,000.00
COB	1001	0001	0000	0000	2FR3	WIP ALL PLANTS	A	1,000.00	1,000.00	0001	0000	1,000.00	0001	0000	1,000.00
COB	1001	0001	0000	0000	ZFR9	WIP ALL PLANTS	A	1,000.00	1,000.00	0001	0000	1,000.00	0001	0000	1,000.00
COB	1001	0001	0000	0000	ZVE1	WIP ALL PLANTS	A	1,000.00	1,000.00	0001	0000	1,000.00	0001	0000	1,000.00
COB	1001	0001	0000	0000				1,000.00	1,000.00	0001	0000	1,000.00	0001	0000	1,000.00

STEP 1

Start the transaction ZWFAA07

Work in Process: List : initial screen

Work in Process: List

Order Type: to

Plant: to

With Production Orders

With Product Cost Collector

With Process Orders

Order: to

WIP Calculation to Month:

Fiscal Year:

WIP Report from Period:

WIP Report from Year:

WIP Report to Period:

WIP Report to Year:

Results Analysis Version: to

Output Object List

Display Orders with Errors

Save Error Log

Log Information Messages

Use in Company Code Currency

Calculate CCC independently

MMT/objects

Hide Orders for Which WIP = 0

Layout:

RFC Group for Parallel Proc.:

Debug Log with Parallel Proc.

Parallel Proc. in Single Task

Generate Worklist

STEP 2

You can look for an existing variant by clicking on

Select the variant and

Check the WIP period

Execute

Work in Process: List

Order Type: to

Plant: to

Variant catalog for program SAPKKA07

Variant name	Short Description	Environment	Protected	Changed by	Last changed on
7154_WIP D+	7154_CAL WIP D+	A			
SCMA_6062_WIP	6062: WIP	A		WDJUMB	18.04.2015
SCMA_6110_WIP	6110 WIP Calculation	A		TH40051	24.07.2014
SCMA_6526_WIP	6526: WIP	A		TH40051	01.09.2014
SCMA_6577_WIP	6577: WIP	A		TH40051	01.09.2014
SCMA_6811_WIP	6811: WIP	A		TH40051	01.09.2014
SCMA_6857_WIP	6857: WIP	A		TH40051	01.09.2014
SCMA_6875_WIP	6875: WIP	A		TH40051	01.09.2014
SCMA_7405_WIP	7405: WIP	A		TH40051	01.09.2014
SCMA_7523_KKAO	SCMA_7523_KKAO	A		BR004229	01.07.2014
SCMA_7797_WIP	7797: WIP	A		TH40051	01.09.2014
SCMA_7811_WIP	7811: WIP	A		TH40051	01.09.2014
SCMA_8090_WIP	SCMA_8090_WIP	A		PT400070	20.06.2014
SCMA_8485_WIP	8485 WIP ALL PLANTS	A		PT300090	16.04.2014
SCMA_2028_VARI	SCMA_2028_VARI	A		BR007713	02.07.2015
SCMA_2FR3_WIP	ZFR3 WIP ALL PLANTS	A		PT300090	20.06.2014
SCMA_ZFR9_WIP	ZFR9 WIP ALL PLANTS	A			
SCMA_ZVE1_KKAO	ZVE1 WIP ALL PLANTS	A		BR004229	15.07.2014

RFC Group for Parallel Proc.:

Debug Log with Parallel Proc.

Parallel Proc. in Single Task

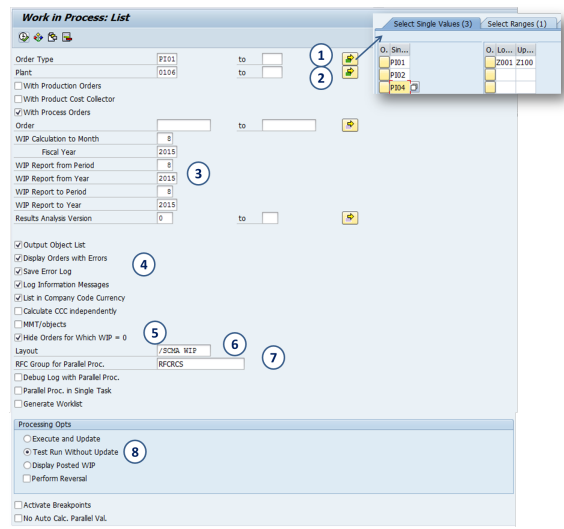
Generate Worklist

If you don't have the variant you can make the selection :

- Enter the following list of order types:
 - Select Single Values: PI01, PI02, PI04
 - Select ranges: Z001 to Z100
- Enter the list of plants
- Enter the WIP period
- Tick:
 - Output Object List
 - Display Orders with Errors
 - Save Error Log
 - Log Information Messages

- e. List in Company Code Currency
- 5. Tick: Hide Orders for Which WIP = 0
- 6. Layout = /SCMA WIP
- 7. RFC Group for Parallel Proc. = RFCRCS
- 8. Tick: Test Run Without Update

Execute 



Work in Process: List

Order Type: P101 to
Plant: 0106 to

With Production Orders
 With Product Cost Collector
 With Process Orders

Order: _____ to _____

WIP Calculation to Month: 0
Fiscal Year: 2015

WIP Report from Period: 0
WIP Report from Year: 2015

WIP Report to Period: 0
WIP Report to Year: 2015

Results Analysis Version: 0 to

Output Object List
 Display Orders with Errors
 Save Error Log
 Log Information Messages
 List in Company Code Currency
 Calculate CCC Independently
 HMT/objects
 Hide Orders for Which WIP = 0

Layout: /SCMA WIP

RFC Group for Parallel Proc.: RFCRCS

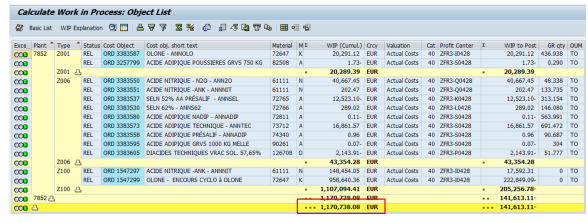
Debug Log with Parallel Proc.
 Parallel Proc. in Single Task
 Generate Worksheet

Processing Opts:
 Execute and Update
 Test Run Without Update
 Display Posted WIP
 Perform Reversal

Activate Breakpoints
 No Auto Calc. Parallel Val.

STEP 3

The order list with WIP was calculated by plant



Calculate Work in Process: Object List

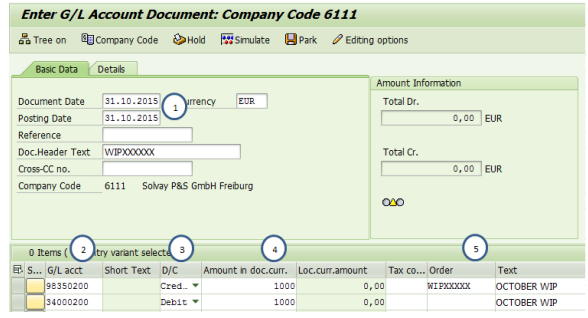
Doc	Plant	Type	Status	Cost Object	Cost Obj. Short text	Material	WIP (Current)	Ccy	Valuation	Cost. Center	WIP to Post	GR Qty	QM	
COB	7852	2901	REL	ORD 3385887	OLONE - ANNOLO	72647	20,291.12	EUR	Actual Costs	40 2903-00A28	20,291.12	436.938	TO	
COB	2901	Δ	REL	ORD 3257799	ACIDE ADIPIQUE POSSIBLES GRVS 750 KG	82598	0.75	EUR	Actual Costs	40 2903-00A28	0.75	0.290	TO	
COB	2906	Δ	REL	ORD 3385858	ACIDE NITRIQUE - H2O - ANNOLO	61111	20,299.39	EUR	Actual Costs	40 2903-00A28	20,299.39			
COB	2906	REL	ORD 3385858	ACIDE NITRIQUE - H2O - ANNOLO	61111	40,667.45	EUR	Actual Costs	40 2903-00A28	40,667.45	48.338	TO		
COB	2906	REL	ORD 3385858	ACIDE NITRIQUE - ANK - ANNET	61111	702.47	EUR	Actual Costs	40 2903-00A28	702.47	137.250	TO		
COB	2906	REL	ORD 3385837	SELA 32% AA PRESALP - ANNEL	72945	12,523.16	EUR	Actual Costs	40 2903-00A28	12,523.16	333.334	TO		
COB	2906	REL	ORD 3385836	SELA 50% - ANNEL	72946	289.62	EUR	Actual Costs	40 2903-00A28	289.62	148.980	TO		
COB	2906	REL	ORD 3385886	ACIDE ADIPIQUE MADIP - ANNADIP	72811	0.11	EUR	Actual Costs	40 2903-00A28	0.11	683.991	TO		
COB	2906	REL	ORD 3385873	ACIDE ADIPIQUE TECHNIQUE - ANNTEC	73712	18,861.57	EUR	Actual Costs	40 2903-00A28	18,861.57	591.452	TO		
COB	2906	REL	ORD 3385858	ACIDE ADIPIQUE PRESALP - ANNADIP	74340	0.96	EUR	Actual Costs	40 2903-00A28	0.96	90.887	TO		
COB	2906	REL	ORD 3385895	ACIDE ADIPIQUE GRYV 1000 KG NELLE	90261	0.07	EUR	Actual Costs	40 2903-00A28	0.07	394	TO		
COB	2906	REL	ORD 3385865	DIACIDES TECHNIQUES 19AA-SOL 37.6%	126708	2,143.92	EUR	Actual Costs	40 2903-00A28	2,143.92	51.277	TO		
COB	2906	Δ	REL	ORD 3547597	ACIDE NITRIQUE - ANK - ANNET	61111	43,354.28	EUR	Actual Costs	40 2903-00A28	43,354.28			
COB	2100	REL	ORD 3385858	ACIDE NITRIQUE - ANK - ANNET	61111	148,424.02	EUR	Actual Costs	40 2903-00A28	148,424.02	17,920.31	0	TO	
COB	2100	REL	ORD 3547599	OLONE - ENCOURE CYCLO A OLONE	72647	928,649.36	EUR	Actual Costs	40 2903-00A28	928,649.36	222,849.09	0	TO	
COB	7852	Δ	REL	ORD 3385858	OLONE - ENCOURE CYCLO A OLONE	72647	1,120,298.08	EUR	Actual Costs	40 2903-00A28	1,120,298.08	203,294.39	0	TO
COB	7852	Δ	REL	ORD 3385858	OLONE - ENCOURE CYCLO A OLONE	72647	1,120,298.08	EUR	Actual Costs	40 2903-00A28	1,120,298.08	141,613.11	0	TO

STEP 1

Start the transaction FB50

1. Document and Posting date (Closing month)
2. Accounts to post the WIP
3. Posting Key (Debit or Credit)
4. Amount of WIP
5. Order in Work in Progress

WIP Calculation
Make sure that you have previously calculated the WIP and collected the orders in WIP



Enter G/L Account Document: Company Code 6111

Tree on Company Code Hold Simulate Park Editing options

Basic Data Details

Document Date: 31.10.2015 Currency: EUR
Posting Date: 31.10.2015

Reference: _____
Doc. Header Text: WIPXXXXXX
Cross-CC no.: _____
Company Code: 6111 Solvay P&S GmbH Freiburg

Amount Information:
Total Dr.: 0,00 EUR
Total Cr.: 0,00 EUR

0 Items (try variant selection)

Ev	S...	G/L acct	Short Text	D/C	Amount in doc.curr.	Loc.curr.amount	Tax co...	Order	Text
		98350200		Cred.	1000	0,00		WIPXXXXXX	OCTOBER WIP
		34000200		Debit	1000	0,00		WIPXXXXXX	OCTOBER WIP

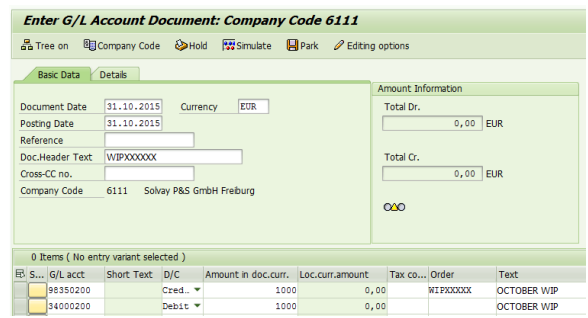
STEP 2

Post WIP journal using the following accounts:

Cost Account: 98350200

G/L Account: 34000200

Posting Keys
The cost account should be credited and the G/L account debited.



Enter G/L Account Document: Company Code 6111

Tree on Company Code Hold Simulate Park Editing options

Basic Data Details

Document Date: 31.10.2015 Currency: EUR
Posting Date: 31.10.2015

Reference: _____
Doc. Header Text: WIPXXXXXX
Cross-CC no.: _____
Company Code: 6111 Solvay P&S GmbH Freiburg

Amount Information:
Total Dr.: 0,00 EUR
Total Cr.: 0,00 EUR


0 Items (No entry variant selected)

Ev	S...	G/L acct	Short Text	D/C	Amount in doc.curr.	Loc.curr.amount	Tax co...	Order	Text
		98350200		Cred.	1000	0,00		WIPXXXXXX	OCTOBER WIP
		34000200		Debit	1000	0,00		WIPXXXXXX	OCTOBER WIP



The cost account must have a cost object assigned which will be the order that was previously calculate as Work in Progress (WIP).

Post the journal to the closing month (M)

Save the document clicking on  and you will get the document number that you have just posted.

! Reverse WIP

After posting the Work in Progress you must reverse it on following month. Ensure that next step is also done.

Tasks to be completed when documenting an SAP Transaction, Report or Message code.

1. Title of the page = SAP Transaction code, SAP Report or SAP Message
2. Add the following Labels, respectively:
 - SAP Transaction => "sap_transaction"
 - SAP Report => "sap_report"
 - SAP Message => "sap_msg"
3. On the left section, describe the steps. On the right section, insert respective print screens and additional guidelines, if needed (e.g. Main selections of the transaction...)

i Reverse´s booking date

Previous posting was done in	Reverse is to do in
Current period	Same day as the previous posting
Closed period	The closed period cannot be opened then the reversal has to be done as soon as possible in the current (open) period
Current period and in a different currency from EUR	Same day as the previous posting and with the same currency rate
Closed period and in a different currency from EUR	First day of the open period or day of the reverse posting with the same currency rate

Cases of reverse:

- Wrong posting in the current period

- Wrong posting in a closed period
- Reverse of accrual
- etc

STEP 1

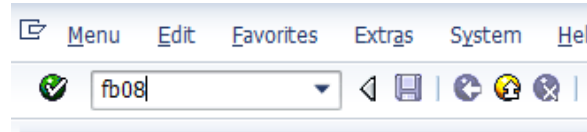
Use transaction code:

i FB08 - Reverse Document: Initial Screen

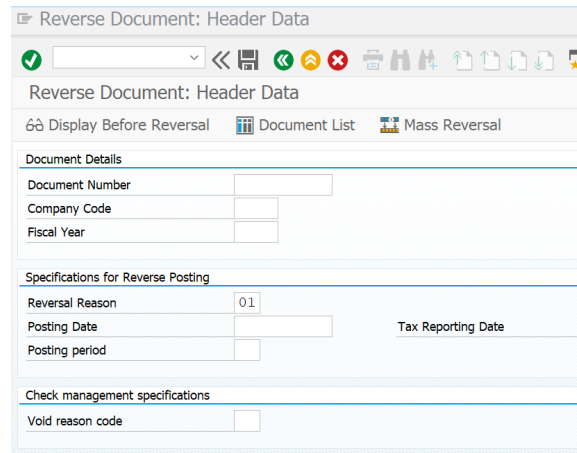
! If one item in the previous posting is cleared, it is not possible to reverse it. You have to reset the cleared item or use the transaction **FBR2**.

! The system does automatically clear the cancelled items when we use this transaction (FB08).

Enter the transaction name in the SAP command field:



Next screen opens:



STEP 2

Select the document to be reversed

! You can display the reversal before saving, if you wish to confirm you are reversing the correct entry.

Fill in the following fields:

Document number	Document number that has to be cancelled / reverse
Company code	Concerned company code
Fiscal Year	Is always the current fiscal year
Reversal reason	Reverse reason (with the match code)
Posting date	Reverse posting date
Posting period	Period is automatically adapt with the posting date
Void reason code	Is not a mandatory field (with the match code)

STEP 3

Save the reverse document by clicking on 

Enter the barcode if it is required:

- Document
- company code
- period
- reversal reason

Reverse Document: Header Data

Reverse Document: Header Data

Display Before Reversal Document List Mass Reversal

Document Details

Document Number	160000594
Company Code	4056
Fiscal Year	2024

Specifications for Reverse Posting

Reversal Reason	01	Tax Reporting Date
Posting Date		
Posting period		

Check management specifications

Void reason code	
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STEP 4

Check other transactions to reserve documents

Other document reverse transactions:

- [FBR2 - Post Document](#)
- [F.80 - Mass Reversal of Documents](#)
- [FBU8 - Reverse Cross-Company Code Transaction](#)

KKAX

Transaction KKAX can be also used to calculate the WIP when you want to do it for a single order. This is not quite usual once we have KKAO that give us all orders that are WIP.

If all orders were balanced for closing month means that this task has been successfully executed.