

I settle WBS (Work Breakdown Structure)

Process: [Monthly costing and cost accounting closing](#)

Responsibility area: [Perform Costing Monthly Closing](#)

Finance Site SBS:

SU MAC processes the settlements of the three items below respecting the given time table:

- PM-orders,
- WBS-elements,
- CO-orders,

The processing includes dealing with the generated messages. SU MAC investigates the reasons for error messages, looks for modifications and corrections if possible, and restarts settlements if needed.

- If an error blocks further processing and cannot be solved by SU MAC, the issue must be communicated to a contact in the area of plant maintenance.
- After having received the solution and corrections, SU MAC acts by launching a second time the corresponding transactions.
- Furthermore, SU MAC checks if the orders and the WBS treated in this procedure are completely settled.

Responsibilities of other functions:

- The processing of PM-orders and WBS-elements for maintenance and fixed asset operations can lead to a result with technical errors.
- In this case SU MAC must contact the local plant maintenance team, which is responsible for making the necessary corrections



Based on group core rules, all costs for maintenance and investment for fixed assets must be posted on special orders, created in the module of plant maintenance (PM). The cost of the orders are allocated to define maintenance and investment projects, created in the project system and defined in a hierarchy – work breakdown structure (WBS), where actual and budget figures can be compared.

Scope



WW

WP2
PF2

Frequency



References

- [OP.005](#)
- [OP.005](#)

Attachments

N/A

I settle WBS (Work Breakdown Structure)

Guideline

All internal and PM orders should be settled as explained in [I settle internal Orders and PM orders](#).

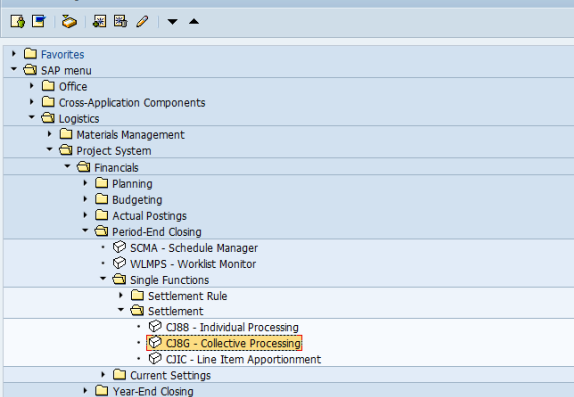
STEP 1

Start the transaction using the menu path or transaction code



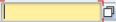
CJ8G - Collective Processing

SAP Easy Access



Actual Settlement: Project /WBS Elements/Networks : initial screen

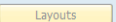
Actual Settlement: Projects/WBS Elements/Networks

Selection variant: 

Parameters

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

Processing Options

☐ Background Processing
☒ Test Run
☐ Detail List 
☐ Check trans. data

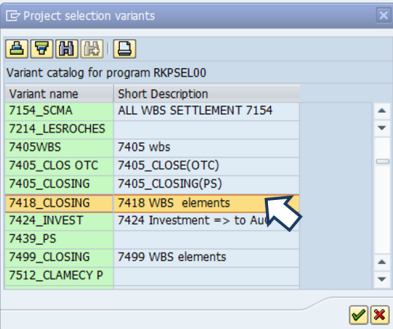
STEP 2

Choose a defined selection variant

Click on  beside the field "selection variant"

Look for the variant and click on it

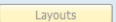
Actual Settlement: Projects/WBS Elements/Networks

Selection variant: 

Parameters

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

Processing Options

☐ Background Processing
☒ Test Run
☐ Detail List 
☐ Check trans. data

STEP 3

1. Enter the settlement period
2. Enter the fiscal year
3. A test run can be made before, in order to check for possible errors.
4. Mark (optional) 'Detail list'

Execute 

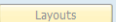
Actual Settlement: Projects/WBS Elements/Networks

Selection variant: 7418_CLOSING

Parameters

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

Processing Options

☐ Background Processing
☒ Test Run
☒ Detail List 
☐ Check trans. data

STEP 4

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

STEP 5

For messages with a red circle , it means that there are some errors in the settlement, which must be corrected.

STEP 6

Once all error messages are cleared, re-open transaction CJ8G and uncheck the test mode

and execute 

Actual Settlement: Projects/WBS Elements/Networks Basic list		
2		
Selection		
Selection Parameters	Value	Name
Selection variant	7418_CLOSING	7418 WBS elements
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	Test run	
Processing completed with errors		
Number of me.	Max. message type	Error messages
1	1	1
Statistics		
Processing category	z	Number
Settlement executed		
No change		58
Not relevant		19
Inappropriate status		51
Error		1
		129

- Complete Allocation Structure
- KD205 - Maintain the settlement rule of the sender

Actual Settlement: Projects/WBS Elements/Networks

Selection variant: 7418_CLOSING

Parameters

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

Processing Options

☐ Background Processing, ☒ Test Run, ☒ Detail List, ☐ Check trans. data

Layouts

STEP 7

To view the detailed list of settlements click on 

Actual Settlement: Projects/WBS Elements/Networks Basic list		
2		
Selection		
Selection Parameters	Value	Name
Selection variant	7418_CLOSING	7418 WBS elements
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		
1		
Statistics		
Processing category	z	Number
Settlement executed		
No change		129
Not relevant		
Inappropriate status		
Error		
		129

STEP 1

To check if WBS orders are settled, use the report **Z1K_SOLDE_WBS**

Look for a variant with 

STEP 2

Double click on the variant you want or select it and click on 

CO WBS: check solde

WBS Element

Fiscal Year

Period to

CO WBS: check solde

Variant Catalog for Program Z1K_SOLDE_WBS

Variant name	Short Description	Environment	Protected	Changed by	Last Changed on
0134 BR WBS	0134 BR WBS	A			
0143 WBS	0143 WBS	A			
0210 - WBS INV	0210 - WBS SAL	A			
0210 - WBS WEEK	0210 - WBS WEEK	A		IT03615	04.03.2011
0212 - CO_PSP	0212 - CO_PSP	A			
0270/1083/5916	0270/1083/5916	A		IT84421	04.08.2015
0279 WBS	0279 WBS	A			
0279_WBS_M	0279_WBS_M	A		PT63000148	21.07.2009
0294	0294	A		PT300168	05.02.2009
0309 BR WBS	0309 BR WBS	A		BR006207	19.09.2013
0345_WBS_WEEK	0345_WBS_WEEK	A			
0360_WBS	0360_WBS CHECK	A			
0366_WBS CHECK1	0366_WBS CHECK D+1	A		PT300057	30.11.2011
0366_WBS CHECK	0366_WBS CHECK D-1	A		PT300231	23.11.2011
0861-WBS DW	0861-WBS DW	A			
0974_WBS	0974_WBS	A		TH40036	04.03.2012
0974_WBS D+1	0974_WBS Check D+1	A		TH40087	14.07.2015

STEP 3

Enter the period and execute 

CO WBS: check solde

WBS Element to

Fiscal Year

Period to

When the report doesn't display a value in the column 'solde' the WBS elements are completely settled in the selected period.

Example of a WBS element that is not balanced

CO WBS: check solde

CO WBS: check solde

year: 2015 period from 08 08

nro objet	code OTP	SOLDE	coût	répartition	Dev libelle	OTP
OTP Selection:						
I TR01*	CF					

CO WBS: check solde

year: 2010 period from 10 10

nro objet	code OTP	SOLDE	coût	répartition	Dev libelle	OTP
PR00288331	MSB-N09002 AN 56-01	5.400,00	5.400,00	0,00	EUR ILLUMINAZIONE 01 SICUREZZA	
PR00338510	MSB-N10007 AL 21-01	7.700,00	7.700,00	0,00	EUR PORPA PROZZO 1	
PR00342292	MSB-N10004 AL 20-01	299,00	299,00	0,00	EUR TRANSPALLET MANUALE 2000 Kg	
Solde total en devise:		EUR	13.407,00			

STEP 1

To check if WBS orders are settled, use the transaction CJ13 and choose database profile « ZRCS00000001 »

STEP 2

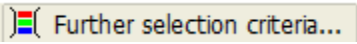
Insert « * » to select all projects

Enter profile

Database prof.

☒ ☐

Click



and select the company code and controlling area for "Organization units definition" and "Organization units WBS element":

Display Project Actual Cost Line Items

Project Management Selections (DB profile: ZRCS-PS00008)

Project: [dropdown] to [dropdown]

WBS Element: [dropdown] to [dropdown]

Materials in network: [dropdown] to [dropdown]

Cost Elements

Cost Element: [dropdown] to [dropdown]

Or

Cost Element Group: [dropdown]

Posting Data

Posting date: 01.11.2013 to 30.11.2013

Settings

Layout: /ZFR3 = 0 ZFR3=0

Dynamic selections

Org. units definition

Company code: ZFR3

Controlling area: Z006

Org. units WBS element

Company code: ZFR3

Controlling area: Z006

STEP 3

Enter the period

and execute

Display Project Actual Cost Line Items

Project Management Selections (DB profile: ZRCS00000001)

Project: [dropdown] to [dropdown]

WBS Element: [dropdown] to [dropdown]

Network/order: [dropdown] to [dropdown]

Activity: [dropdown] to [dropdown]

Materials in network: [dropdown] to [dropdown]

Cost Elements

Cost Element: [dropdown] to [dropdown]

Or

Cost Element Group: [dropdown]

Posting Data

Posting date: 01.08.2015 to 31.08.2015

Settings

Layout: /ZFR3 = 0 ZFR3=0

Further Settings...

STEP 4

The total of the column "Value in Obj. Crcy" must be equal to zero when wbs elements are settled

Display Actual Cost Line Items for Projects

Document Master Record

Layout: /ZFR3 = 0 ZFR3=0

Object: WBS CN BBS. To: Blue Star...

Cost Element: 98100400 To: 99430134 SA/SERVICES/HOME...

Posting Date: 01.06.2015 To: 30.06.2015

WBS Element	Doc. Date	Cost Element	Cost element descr.	Σ	Value in Obj. Crcy	TCurr
CH.577971.12FPRHTR				*	0.00	
CH.577971.12FPROTC				*	0.00	
CH.577971.12FPRPTP				*	0.00	
CH.577971.12FPRRTR				*	0.00	
CH.577971.12FDEMG1				*	0.00	
CH.577971.12FDEOTC1				*	0.00	
CH.577971.4274ISAPPL				**	0.00	

If all WBS have been settled (all have zero balance) means that this procedure was successfully done.