

# IAC 01.01. Costing model validation

Process: [Product Costing](#)

Responsibility area: [Internal Control Monitor](#)

## Risk

Wrong fixed cost absorption in inventory, plant costing model do not comply with group rules

## Objective

[Service Unit Management accounting](#) control plant costing model yearly update

## Process description

Costing model is the document which explains the way fixed costs and depreciations are allocated to product costing in order to determine the cost of sales and inventory valuation. FRA are in charge of preparing the costing model based on the budget using the respective template of WP2 or provided by SU MAC (e.g. extract of the cycle structure for PF2).

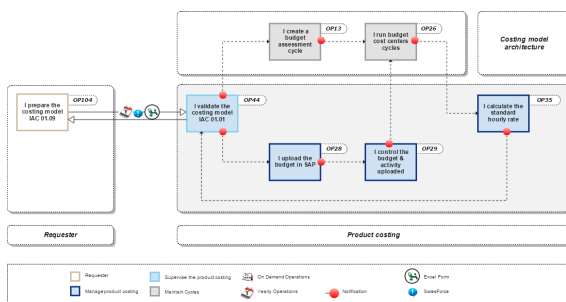
The instruction notes to complete the template of WP2, **under FRA responsibility**, are below:

[Costing Model - FRA preparation](#)

FRA asks for the validation of the GCCO.

## Control description

[Service Unit Management Accounting](#) reviews through a checklist, costing models prepared by each Finance responsible assigned (FRA) of his/her zone and the respective update in SAP done by Service Unit Management accounting. SU MAC is making sure that costing model has been reviewed and validated by the GCCO for each plant in the scope of internal control



## Scope

WP2 / PF2

Frequency

Due date : January

Control owner

Service Unit Management accounting - Costing user by region

## References

**Error rendering**

**macro**

**'contentbylabel'**

parameters should

not be empty

## Content by label

There is no content with the specified labels

## Control evidences

[IAC 01.01 Validation of costing model by SU MAC.xlsx](#)

- Checklist
- Costing model - Provided by FRA
- Validation from GCCO - Provided by FRA

[Costing Model - FRA preparation](#) <<  
IAC 01.01. Costing model validation  
>> [OP.013](#) & [OP.028](#)

**Guideline**

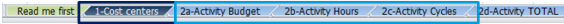
**Download the file [IAC 01.01 Costing Model](#)**

The check list refers to the template that must be completed by the FRA of each production site - [IAC 01.01. Costing model](#)

There is a link between Costing Model file & IAC 01.01

Costing Model file	IAC 01.01
Tab 1-Cost centers	Column B
Tab 2a-Activity Budget	Column C
Tab 2a-Activity Hours	Column D
Tab 2a-Activity Cycles	Column E

**IAC 01.09**



**IAC 01.01**

RCOM Checklist IAC 01.01

	1				2			Validation			Comments	Contact	Last control	
	1a	2a	2b	2c	WP1	PM	GCCO	RCOM						
Europe														
ES Biadets	✓	✓	✗	✓	✓	✗	✗	✗	✗	✗	here is a mistake in the tab 2b	xxx@solvay.com	12-11-2015	
FR Belle-Etoile	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		xxx@solvay.com	15-11-2015	
FR Butachimie Champé												xxx@solvay.com		
FR Chalange												xxx@solvay.com		
FR Clamecy												xxx@solvay.com		
FR Collonges												xxx@solvay.com		
FR La Rochelle												xxx@solvay.com		
FR Melle												xxx@solvay.com		
FR Roussillon												xxx@solvay.com		

Make sure all production sites (2) in your scope (1) are listed with its contact (3)

	1				2			Validation			Comments	Contact	Last control
	1a	2a	2b	2c	WP1	PM	GCCO	RCOM					
Asia													
China													
CH Chengde												PAN, Jun	
CH Feixiang												YANG, peng	
CH Feixiang												ZHOU, xiaoyan	
CH Likang												YANG, peng	
CH Liyang												PAN, Jun	
CH Shanghai												LI, Ada	
CH Zhangjiagang												ZHANG, kevin	
CH Zhenjiang (normal)												XU, lin	
CH Zhenjiang (new area)												ZHAO, ...	
CH ZHU												...	
IN Pars												PITHA, ...	
KR Incheon												CHOI, ...	
KR Onse												Han, Ji	

✓ Make sure you received all Costing Model file templates in your scope by November D10  
Do not hesitate to send reminders in advance or/and plan meetings and calls with each FRA when you feel it is necessary

Once you receive the file [IAC 01.01. Costing model](#) sent by a FRA, you must perform several controls

**READ ME FIRST**

1. Check that all fields highlighted in yellow are completed
2. Check that you have the approval of the the plant manager & the GCCO to get their approval (3)

## IAC.01.09 - Costing Model



Check list - Yellow fields must be completed before submission to the RCOM

Plant code	7605	Save the file with the name
Plant name	Incheon	2015_JAC 01.09_7605 Incheon SILICA
Year	2015	
Currency	KRW	
GBU	SILICA	<i>Compulsory for multi GBU's plants</i>
1-Cost centers	OK	
2-Activity rates		
2a-Budget	OK	
2b-Hours	OK	
2c-Cycles	OK	
3-Validation	OK	

Read me first | 1-Cost centers | 2a-Activity Budget | 2b-Activity Hours | 2c-Activity Cycles

### 1-COST CENTERS

1. Check that all fields are completed

CoCod	Cost C	Description	First	Last	Status	Profit cent	Responsib	Group
7525	7603-1001	EPO Compounding	johan	CHOI	Active	Correct	Correct	EPRODX WORKSHOP
7525	7603-1021	AAO AA Semi Production 1	johan	CHOI	Active	Correct	Correct	EPRODX WORKSHOP
7525	7603-1051	PVO AA Salt Production	johan	CHOI	Active	Correct	Correct	EPRODX WORKSHOP
7525	7603-1052	PVO Polymerization	johan	CHOI	Active	Correct	Correct	EPRODX WORKSHOP
7525	7603-1101	EPO Blending	johan	CHOI	Active	Correct	Correct	EPRODX WORKSHOP
7525	7603-1201	EPO Packing	johan	CHOI	Active	Correct	Correct	EPRODX WORKSHOP
7525	7603-1211	AAO AA Packing	johan	CHOI	Active	Correct	Correct	EPRODX WORKSHOP
7525	7603-1232	PVO Packing CNP & AMO	johan	CHOI	Active	Correct	Correct	EPRODX WORKSHOP
7525	7603-1400	EPO Utility	johan	CHOI	Active	Correct	Correct	ECPIX VARIABLE COSTS
7525	7603-1402	EPO CN Production/Packing	johan	CHOI	Active	Correct	Correct	ECPIX VARIABLE COSTS
7525	7603-1421	AAO STEAM	johan	CHOI	Active	Correct	Correct	ECPIX VARIABLE COSTS
7525	7603-1422	AAO compressed air	johan	CHOI	Active	Correct	Correct	ECPIX VARIABLE COSTS
7525	7603-1423	AAO Water	johan	CHOI	Active	Correct	Correct	ECPIX VARIABLE COSTS
7525	7603-1424	AAO Electricity	johan	CHOI	Active	Correct	Correct	ECPIX VARIABLE COSTS
7525	7603-1425	AAO Waste Water Treatment	johan	CHOI	Active	Correct	Correct	ECPIX VARIABLE COSTS
7525	7603-1426	AAO Incinerator	johan	CHOI	Active	Correct	Correct	ECPIX VARIABLE COSTS

Read me first | 1-Cost centers | 2a-Activity Budget | 2b-Activity Hours | 2c-Activity Cycles | 2d-Activity TOTAL

### 2A-ACTIVITY BUDGET

1. Check that all fields are completed

Cost centers	Description	Cost elements	CNP Budget CNY	Additional CNP CNY	Normal capacity CNY
7897-1101	Synth. Purif CF1-CF2	Labor costs dir	98320100	3,242,623	3,242,623
7897-1101	Synth. Purif CF1-CF2	Other CNP	98300041	7,390,789	7,390,789
7897-1101	Synth. Purif CF1-CF2	Maintenance	98300207	4,663,271	4,663,271
7897-1302	GUAIACOL PRODUCTION	Labor costs dir	98320100	794,470	794,470
7897-1302	GUAIACOL PRODUCTION	Other CNP	98300041	1,567,523	1,567,523
7897-1302	GUAIACOL PRODUCTION	Maintenance	98300207	709,584	709,584
7897-1401	IBCH	Labor costs dir	98320100	808,826	808,826
7897-1401	IBCH	Other CNP	98300041	1,382,610	1,382,610
7897-1401	IBCH	Maintenance	98300207	393,145	393,145
7897-1501	Flavor	Labor costs dir	98320100	1,007,498	1,007,498
7897-1501	Flavor	Other CNP	98300041	1,813,631	1,813,631
7897-1501	Flavor	Depreciation	98340100	7,244,222	7,244,222
7897-1501	Flavor	Maintenance	98300207	775,000	775,000

Read me first | 1-Cost centers | 2a-Activity Budget | 2b-Activity Hours | 2c-Activity Cycles | 2d-Activity TOTAL

### 2B-ACTIVITY HOURS

1. Check that all fields are completed
2. Control the calculation of the normal capacity

Cost centers	Activities	Hours					Normal capacity (h)
		Planned maintenance	Intercampaign changeovers	Included in recipe Oyes / 1 mo	(*1)Other constraints	Number of production lines	
7603-1021	MMWHQ	480		1		1	8.280
	MACHI	480		1		1	8.280
	AMO	480		1		1	8.280
7603-1221	MMWHQ	480		1		1	8.280
	MACHI	480		1		1	8.280
	AMO	480		1		1	8.280
7603-1051	MMWHQ	420		1		1	8.340
	MACHI	420		1		1	8.340
	AMO	420		1		1	8.340
7603-1052	MMWHQ	420		1		2	16.680
	MACHI	420		1		2	16.680
	AMO	420		1		2	16.680

Read me first | 1-Cost centers | 2a-Activity Budget | 2b-Activity Hours | 2c-Activity Cycles | 2d-Activity TOTAL

- Other constraints must be explained : it can only be technical constraints (usually bottlenecks)
- Number of hours for planned

- maintenance should be reasonable
- c. Compare with the previous year

**i** In case of doubt, do not hesitate to ask the FRA for more details. If the calculation of the normal capacity doesn't follow the standard, you can ask the FRA to change the calculation. If you need help you can contact a process expert.

**2C-ACTIVITY CYCLES**

1. Check that all fields are completed
2. Make sure that it is simple (= significant & rounded figures)

Cost centers	7603-1021	7603-1221	7603-1051	7603-1052	7603-1252	7603-1001	7603-1201
7603-1001 EPO Compounding						100	
7603-1021 AAO AA Semi Production 1	100						
7603-1051 PVO AH Salt Production			100				
7603-1052 PVO Polymerisation				100			
7603-1101 EPO Blending						100	
7603-1201 EPO Packing							100
7603-1221 AAO AA Packing		100					
7603-1252 PVO Packing CNP & AMO					100		
7603-1400 EPO Utility						100	
7603-1402 EPO CP Production/Packing						100	
7603-1421 AAO STEAM	100						
7603-1422 AAO Compressed air	100						

**STEP 1**

Once a file is completed you send it to group email for each region : [GBS\\_Finance\\_Management\\_Acc\\_Bangkok@syensqo.com](mailto:GBS_Finance_Management_Acc_Bangkok@syensqo.com)  
[GBS\\_Finance\\_Management\\_Acc\\_Curitiba@syensqo.com](mailto:GBS_Finance_Management_Acc_Curitiba@syensqo.com)  
[GBS\\_Finance\\_Management\\_Acc\\_Lisbon@syensqo.com](mailto:GBS_Finance_Management_Acc_Lisbon@syensqo.com)

They will :

- Upload the budget in the system
- Create the assessment cycle
- Calculate the standard rates

**STEP 2**

**You can also update the check list for the IAC 01.01**

Just update the columns with "Y" if the information is correctly completed or "N" if it is not.

RCOM Checklist IAC 01.01										
1	2			WPI	PM	Validation		Comments	Contact	Last control
	2a	2b	2c			GCCO	RCOM			
Asia										
CH Baotou	✓	✓	✓	✓	✗	✓	✓	✗	File sent to the BO <a href="mailto:xxx@solvay.com">xxx@solvay.com</a>	15-11-2015

**i** When there are changes in the cost centers structure, you must inform the person in charge

[Request the modification of a cost center](#)

I am informed once the standard rates are calculated in the system

**You must compare the activity rates calculated in the system with what is in the file sent by the FRA**

In SAP, you must use the transaction KSBT

In the file IAC 01.01, use the tab : 2b-Activity TOTAL

When the model is too complex, the simulation made in the excel file doesn't work then you have to make further investigation

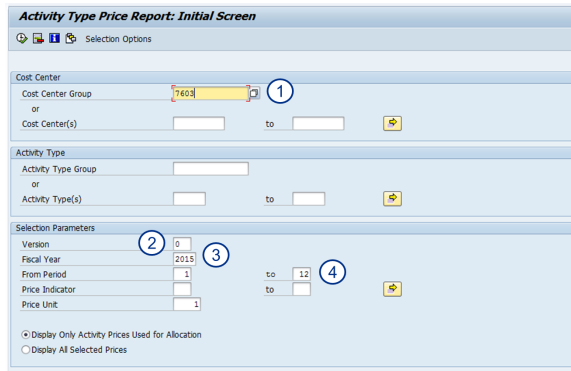
STEP 1

Open the transaction KSBT

Enter :

1. The group of cost centers (usually the plant code)
2. Version = 0
3. Enter the fiscal year
4. From Period 1 to 12

Execute 



The screenshot shows the 'Initial Screen' for the Activity Type Price Report. It includes fields for Cost Center (7603), Activity Type, Selection Parameters (Version 0, Fiscal Year 2015, From Period 1 to 12, Price Indicator 1), and checkboxes for 'Display Only Activity Prices Used for Allocation' and 'Display All Selected Prices'.

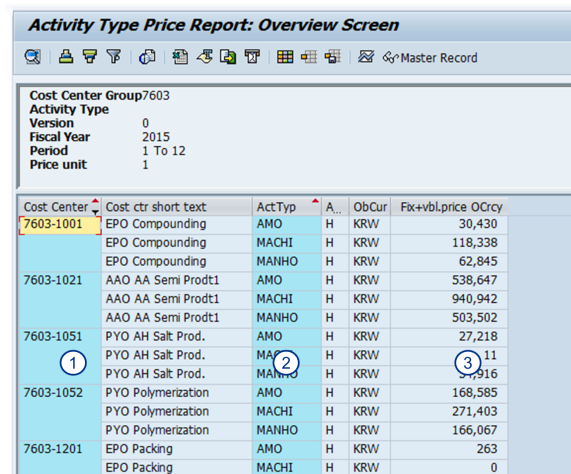
STEP 2

Activity Type Price Report

1. List of cost centers
2. Activity types
3. Price per hour

Make sure you selected the activity price in **object currency** otherwise you must change the layout

You can export the file in excel

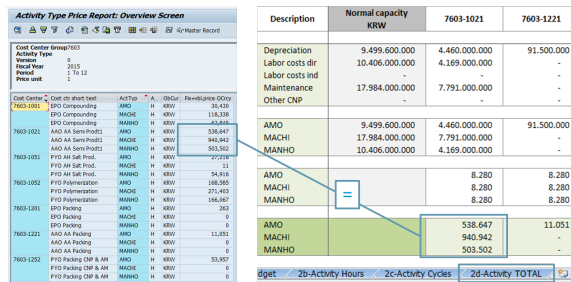


The screenshot shows the 'Overview Screen' with a table of activity prices. The table has columns for Cost Center, Cost ctr short text, ActTyp, A., ObCur, and Fix+vbl.price. The data includes various activity types like EPO Compounding, AAO AA Semi Prod1, PYO AH Salt Prod., and PYO Polymerization.

STEP 3

Compare the activity rates with the tab : 2b-Activity TOTAL

If there are discrepancies, you must make further investigations



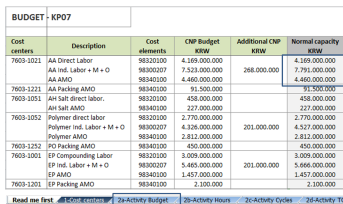
This block shows two side-by-side tables. The left table is the 'Overview Screen' and the right table is the '2b-Activity TOTAL'. A blue box highlights a discrepancy in the 'PYO AH Salt Prod.' row, where the 'MACH' activity type has a price of 11 in the overview screen but 9.916 in the 2b-Activity TOTAL table.

STEP 4

2A-ACTIVITY BUDGET

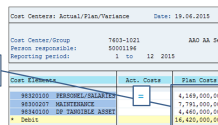
Compare the budget loaded in the system (you can use the t-code S\_ALR\_87013611) with the budget sent by the FRA

IAC 01.09



The screenshot shows the 'Budget - KP07' table with columns for Cost centers, Description, Cost elements, CNP Budget, Additional CNP, and Normal capacity. It lists various activity types and their associated costs and capacities.

S\_ALR\_87013611



The screenshot shows the 'S\_ALR\_87013611' table, which is a comparison of budget data. It includes columns for Cost Center/Group, Period, and various budget-related metrics.

**2B-ACTIVITY HOURS**

Compare the hours loaded in the system (you can use the t-code S\_ALR\_87013611) with the hours sent by the FRA

**IAC 01.09**

ACTIVITIES - KPZ7

Cost centers	Activities	Hours				Normal capacity %
		Planned maintenance	Overplanned / Underplanned	Actual / Available	Number of production items	
7603-0001	AKO AS Semi Production 1	MAHAD	480	-	1	8,380
		AMG	480	-	1	8,380
		MAOH	480	-	1	8,380
7603-0001	AKO AS Packing	MAHAD	480	-	1	8,380
		AMG	480	-	1	8,380
		MAOH	480	-	1	8,380
7603-0001	PVC AS Salt Production	MAHAD	420	-	1	8,340
		AMG	420	-	1	8,340
		MAOH	420	-	1	8,340
7603-0001	PVC Polymerization	MAHAD	480	-	1	18,480
		AMG	480	-	1	18,480
		MAOH	480	-	1	18,480
7603-0001	PVC Packing	MAHAD	420	-	1	8,340
		AMG	420	-	1	8,340
		MAOH	420	-	1	8,340
7603-0001	PVC Compounding	MAHAD	360	420	1	47,880
		AMG	360	420	1	47,880
		MAOH	360	420	1	47,880
7603-0001	PVC Packing	MAHAD	360	-	1	8,340
		AMG	360	-	1	8,340
		MAOH	360	-	1	8,340

**S\_ALR\_87013611**

Start: Selection: Actual/FRA/Restbase Date: 14-04-2015

Cost Center Group: 7603-0001 MAO AS Semi. Prod.1  
 Person responsible: 5001194  
 Reporting period: 1-10-12-2015

Activity Types: MAHAD - Activity: 8,380-00 X  
 AMG - Activity: 8,380-00 X  
 MAOH - Activity: 8,380-00 X  
 MAHAD - Activity: 8,380-00 X

**2C-ACTIVITY CYCLES**

Compare the cycle created in the system (code = PPPPBU => PPPP = plant code) with the t-code KSU9

**IAC 01.09**

Cost centers	Activities	Cycles			
		8035-0000	8035-0001	8035-0002	8035-0003
8035-2100	ZIG GM	40	10	4	36
8035-2101	ZIG Plant Manager	40	10	4	36
8035-2102	ZIG Plant Supervisor 1	40	10	4	36
8035-2103	ZIG Plant Supervisor 2	40	10	4	36
8035-2104	Tools and insurance	40	10	4	36
8035-2101	HSE Supplies	40	10	4	36
8035-2102	Utilities Power	40	10	4	36
8035-2103	Utilities Water	40	10	4	36
8035-2104	Quality assurance	40	10	4	36
8035-2105	Quality control lab	40	10	4	36

**KSU9**

Controlling Area: 8124 Rhodo Asia Pacific  
 Cycle: 813000 8035 Hengshang - Budget  
 Segment Name: 8125-2100 8035-2100 ZIG GM

Segment Header / Sender/Receiver / Sender Values / Receiver Tracing Factor

Sender: 8125-2100  
 Cost Center: 8125-2100  
 Cost Element:

Receiver: 8035-0000, 8035-0001, 8035-0002, 8035-0003, 8035-0004, 8035-0005

**STEP 5**

Inform the person who calculated the standard in the system if there is a mistake in the system

I inform the requester that the standard rates are in the system

**STEP 1**

Once the standard rates of a plant are loaded in WP2 and approved you must update the check list

RCOM Checklist IAC 01.01									
1	2			Validation		Comments	Contact	Last control	
	2a	2b	2c	WPI	PM				
Asia									
CH Baotou	✓	✓	✓	✓	✓	Fully completed	xxx@solvay.com	05-12-2015	

**STEP 2**

Once the check list is fully completed for your scope, you must uploaded in the dedicated folder in the IAC controls repository

RCOM Checklist IAC 01.01									
1	2			Validation		Comments	Contact	Last control	
	2a	2b	2c	WPI	PM				
China									
CH Baotou	✓	✓	✓	✓	✓	Fully completed	xxx@solvay.com	05-12-2015	
CH Chengyang	✓	✓	✓	✓	✓	Fully completed	xxx@solvay.com	06-12-2015	
CH Licang	✓	✓	✓	✓	✓	Fully completed	xxx@solvay.com	07-12-2015	
CH Licang	✓	✓	✓	✓	✓	Fully completed	xxx@solvay.com	08-12-2015	
CH Linyang	✓	✓	✓	✓	✓	Fully completed	xxx@solvay.com	09-12-2015	
CH Shanghai	✓	✓	✓	✓	✓	Fully completed	xxx@solvay.com	10-12-2015	
CH Zhangjiagang	✓	✓	✓	✓	✓	Fully completed	xxx@solvay.com	11-12-2015	
CH Zhenjiang (Aroma)	✓	✓	✓	✓	✓	Fully completed	xxx@solvay.com	12-12-2015	
CH Zhenjiang (Novicare)	✓	✓	✓	✓	✓	Fully completed	xxx@solvay.com	13-12-2015	
CH Zhuhai	✓	✓	✓	✓	✓	Fully completed	xxx@solvay.com	13-12-2015	

Use transaction ZWFAR600 to extract the cycles for the year that is ending.

### Cycle Master Data Extraction Report

[H]Cycle -strt wth oper area	<input type="checkbox"/>	to	<input type="checkbox"/>	
[H]Start Date	<input type="checkbox"/>	to	<input type="checkbox"/>	
[H]Text language	EN			
[H]Valid To	<input type="checkbox"/>	to	<input type="checkbox"/>	
[H]Created on	<input type="checkbox"/>	to	<input type="checkbox"/>	
[H]Date of last change	<input type="checkbox"/>	to	<input type="checkbox"/>	
[H]Date of the last exec	<input type="checkbox"/>	to	<input type="checkbox"/>	
[H]Type of allocation	<input type="checkbox"/>	to	<input type="checkbox"/>	
[H]Actual/plan indicator	<input type="checkbox"/>	to	<input type="checkbox"/>	
[S]Locked	<input type="checkbox"/>	to	<input type="checkbox"/>	

Choose the following variant "COSTING MODEL"

Variant name	Short Description	Environme... P
RESTR CYCLES	Restructuring cycles	A
<b>COSTING MODEL</b>	<b>Costing model extraction</b>	A

Updating the cycles and start date

### Cycle Master Data Extraction Report

[H]Cycle -strt wth oper area	<input checked="" type="checkbox"/> FO01cccc*	to	<input type="checkbox"/>	
[H]Start Date	01.01.2020	to	31.12.2020	
[H]Text language	EN			
[H]Valid To	<input type="checkbox"/>	to	<input type="checkbox"/>	
[H]Created on	<input type="checkbox"/>	to	<input type="checkbox"/>	
[H]Date of last change	<input type="checkbox"/>	to	<input type="checkbox"/>	

Cycle should be completed like this:

Multiple Selection for [H]Cycle -strt w

Select Single Values (2)

O. Single value
<input checked="" type="checkbox"/> FO01CCCC*
<input checked="" type="checkbox"/> CHEFCCCC*

- FO01CCCC\*: for COPA cycles
- CHEFCCCC\*: for Assessment cycles

Start date, to be completed with the full year that is just ending

And now, transaction can be executed to get the following view

[H]Cycle	Valid From	[H]Cycle text	L	[H]Valid To	S	Created on	[H]Entered by	Changed On	Changed by	Seg...	Segment	[S]Segment text	L	Sender %	Assess. CE	[S]
CHEF4056BN	01.01.2020	Bonus accrual - Social Charges	EN	31.12.2020	3	11.11.2019	PT400078	06.03.2020	PT400078	1	4056BONUS	alloc social charges R33310		3,00	9629200201	
CHEF4056BN	01.01.2020	Bonus accrual - Social Charges	EN	31.12.2020	3	11.11.2019	PT400078	06.03.2020	PT400078	1	4056BONUS	alloc social charges R33310		3,00	9629200201	
CHEF4056BN	01.01.2020	Bonus accrual - Social Charges	EN	31.12.2020	3	11.11.2019	PT400078	06.03.2020	PT400078	2	4056BONU...	alloc social charges R33310		3,00	9629200201	
CHEF4056BN	01.01.2020	Bonus accrual - Social Charges	EN	31.12.2020	3	11.11.2019	PT400078	06.03.2020	PT400078	2	4056BONU...	alloc social charges R33310		3,00	9629200201	

Below see the details of this report:

The report is designed in PF2 & WP2 to extract CO cycle master data with standard ALV layout, which is compatible for kinds of cycles, including:

- COPA Actual assessment cycle
- COPA Plan assessment cycle (not used in RCS)
- Cost center Actual Assessment cycle
- Cost center Plan Assessment cycle
- Cost center Actual Distribution cycle
- Cost center Plan Distribution cycle

## Column label in report output

As a cycle consists of kinds of information at header / segment level, and in each segment, there are fields for sender / receiver respectively, and even for receiver side, the percentage split can be applied for multi-receiver objects.

So, to facilitate identifying the column nature and improve the report understandability, a prefix is assigned for each column label:

- '[H]' stands for header level data, for example '[H]Cycle'.
- '[S]' stands for segment general data, for example '[S]Segment Name'.
- '[S-S]' stands for segment sender data, for example '[S-S]Sender Cost Center / grp'
- '[S-R]' stands for segment receiver data, for example '[S-R]IECRA'
- '[S-T]' stands for segment receiver (or sender) multi objects split data, for example '[S-T] Factor Value'.

[H]Table	[H]Cycle	[H]Start Date	[H]Cycle text	[H]Text language	[S]Segment number	[S]Segment Name	[S]Segment text
CCSS	Z0010228MA	01.01.2005	test maintenance externe	EN	1	MAINTFOR	external maintenance gorzow
CCSS	Z001BEP101	01.01.2002			1	WATER1	
CCSS	Z001BEP101	01.01.2002			2		
CCSS	Z001BEP				3		
CCSS	Z001BEP				4		
CCSS	Z001BEP101	01.01.2002			5	USTEAM1	
CCSS	Z001BEP101	01.01.2002			6	UOTHER1	

## Two options available in output

As a cycle allows for the percentage split in the case of multi receiver objects, it makes difficult to show all information in a single output with good understandability.

With this consideration, 2 output options are designed:

**Output Options**

Standard output

Extended output with multi-object split

- Standard output
  - Each row represents a unique segment in a cycle, showing cycle header data / segment general data / sender data / receiver data.

- But multi-object split info is excluded here.
- Column with '[S-T]' prefix in label is not available in the option.
- Extended output with multi-object split
  - This layout is recommended ONLY when user needs to check the multi-object split percentage.
  - Column with '[S-T]' prefix in label is feed in the option.
  - All multi-object split info is showed as extra rows, means, all rows showed in Standard layout will be showed here as well exactly, but append some extra rows which are dedicated to show the multi-object split info. In other words, Extended output = Standard output + extra entries for multi-object split info.

## Coloring the entries for multi-object split info

- In Extended output with multi-object split, the extra entries for split info is highlighted in light green color. See below picture for example.
- PS: Another way to differentiate the extra entries is to use one of below 2 columns:
- [S-T] Sender / Receiver Indicator. When it is not Null, it's the extra entries.
- [S-T] Item Number. When it is not Null, it's the extra entries.

### Cycle master data extraction report

[S]Segment number	[S]Segment Name	[S-T]Sender / Receiver Indicator	[S-T]Item Number	[S-T]Factor Value	[S-T]Element1	[S-T]Element2	[S-T]Element3	[S-T]Element4
1	100							
1	100	R	1	10.00	7424	IECRA00006		
1	100	R	2	30.00	7424	IECRA00008		
1	100	R	3	20.00	7424	IECRA00009		
1	100	R	4	40.00	7424	IECRA00011		
2	110							
2	110	R	1	12.00	7424	IECRA00012		
3	115T							
3	115T	R	1	50.00	7424	0002027	000237	IECRA00011
3	115T	R	2	50.00	7424	0002027	000237	IECRA00012
4	115							
4	115	R			000		000398	0002027650
4	115	R			000		000398	0002027650
4	115	R	3	10.00	00000000000053289	7424	0002000398	0002027650
4	115	R	4	10.00	00000000000053289	7424	0002000398	0002027650
4	115	R	5	10.00	00000000000053289	7424	0002000398	0002027650

## Tips to know the cycle category

Below 3 columns can be used to understand the feature of certain cycle.

- **[H]Table**, to know it's cost center or COPA cycle
  - CCSS -- Cost center cycle
  - CE7Z0xx -- COPA cycle (Z0xx is the operation concern code)
- **[H]Actual/plan indicator**, to know it's Actual or Plan cycle.
  - I -- Actual
  - P -- Plan
- **[H]Type of allocation**, to know it's Assessment or Distribution cycle.
  - U -- Assessment
  - V -- Distribution
  - L -- Indirect activity allocation
  - ... etc.

## Receiver / Sender multi-objects split

- In WP1, the percentage split is widely used at receiver side for multi-object case. But in some limited case, a specific amount is given to individual cost elements to restrict the allocation at sender side. For the both cases, in the report output, the information will be showed in the same columns with prefix '[S-T]'.
- For users, to know the split information is for receiver or sender, column '[S-F]Sender / Receiver Indicator' can answer,
  - when the value is 'R', the entry is for receiver factor,
  - when the value is 'S', the entry is for sender factor.

### Cycle master data extraction report

[S-R]MAGNITUDE Market	[S-T]S...	Seq...	[S-T]Factor Value	[S-T]Element1	[S-T]Element2	[S-T]Element3	[S-T]Element4
	R	1	20.00	0195-1000			
	R	2	50.00	0195-1100			
	R	3	10.00	0195-1110			
	R	4	10.00	0195-1200			
	R	5	5.00	0195-1300			
	R	6	5.00	0195-1400			
	F						
				0195-1000			
				0195-1100			
				0195-1110			
	R	4	10.00	0195-1200			
	R	5	5.00	0195-1300			
	R	6	5.00	0195-1400			

**R means receiver**

### Combine 'from' 'to' 'group' into one field

- When creating a cycle, to specify sender / receiver, user can input 'from' only to show a single object, or input 'from' and 'to' to show a range, or even use 'group' to show a collection list.
- In order to reduce the column quantity in the report output, the information in 'from' 'to' 'group' is combined into one single column.

### Cycle master data extraction report

[S-R]Order Number	[S-R]Cost Center / grp	[S-R]Product number
<b>A group</b>	0228-FCE	
	0195-1000 to 0195-1300	
	0195-1000 to 0195-1300	
	0195-1000	
<b>Single object</b>	0195-1000	
	0195-1000 to 0195-1300	
	0195-1000 to 0195-1400	
<b>From... to...</b>	0195-1000 to 0195-1300	
	0195-2000	

### '[H]Cycle' code start with operation concern

- When put cycle code as selection criteria, please start with the operation concern code then follow by cycle code, as this is the way SAP store the cycle master data in tables.
- As a tip, all below options work

**Operating concern + cycle code**

[H]Cycle -strt wth oper area: Z026816000 to

[H]Start Date: 01.01.2015 to

[H]Text language: EN

**Operating concern + "\*"**

[H]Cycle -strt wth oper area: Z026\* to

[H]Start Date: 01.01.2015 to

[H]Text language: EN

**"\*" + cycle code**

[H]Cycle -strt wth oper area: \*816000 to

[H]Start Date: 01.01.2015 to

[H]Text language: EN

**No selection**

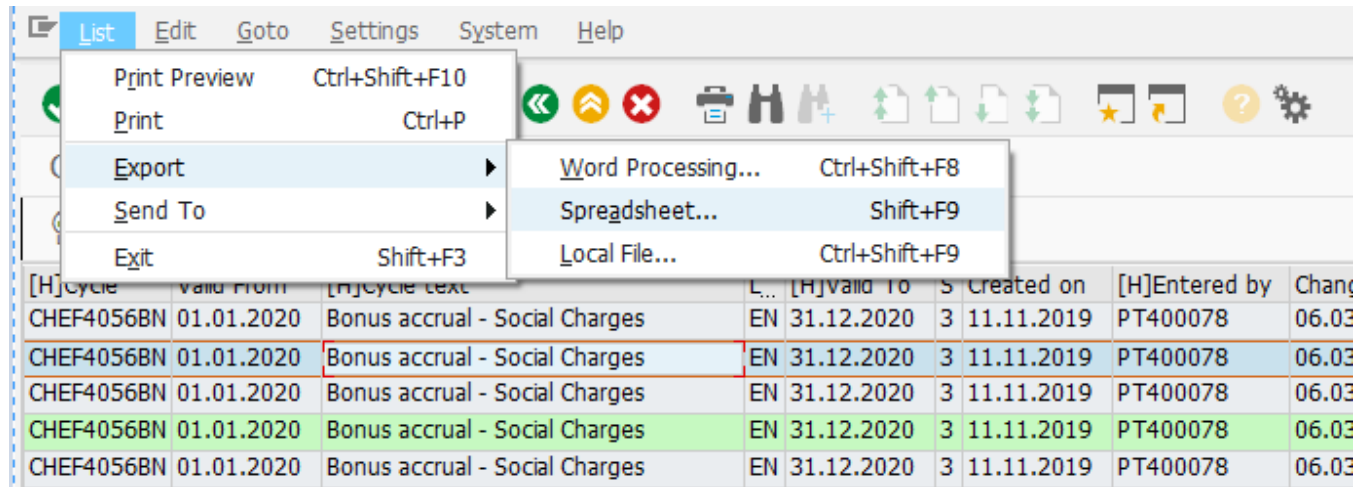
[H]Cycle: to

[H]Start Date: to

[H]Text language: EN

When transaction ZWFAR600 is executed and you have the list of all cycles, it is time to extract to excel.

1) Go to List Export Spreadsheet



This excel document will be the COSTING MODEL of your company.

1) Send through Solvay One the COSTING MODEL extracted in previous step to the FRA/Controller to be used in the review of the cycles for the new year

After the review, I receive from FRA the cycle changes for the new year.

- With the changes highlighted in the COSTING MODEL
- Or, changes detailed in the freshdesk

Depending on the type of cycle, I use KSU2, KEU2, KSV2

**STEP 1**

Start the transaction using transaction code KSU2

**i** Change Actual Assessment Cycle: Initial Screen

*Change Actual Assessment Cycle: Initial Screen*

Cycle

Start Date

**STEP 2**

Enter the cycle code and the starting date

and

*Change Actual Assessment Cycle: Initial Screen*

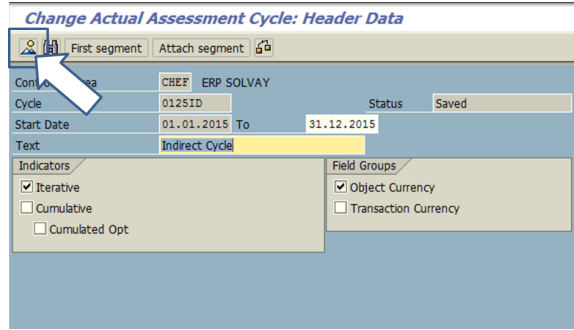
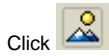
Cycle

Start Date

**i** If you don't know the Starting Date, do not insert the date,  and choose the most recent one.

**STEP 3**

Open the Segment Overview dialog box

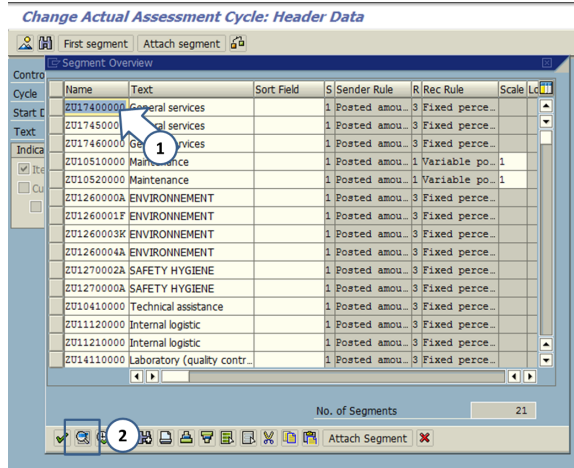


**STEP 4**

Select the segment to be updated and choose 


Or create a new segment by clicking

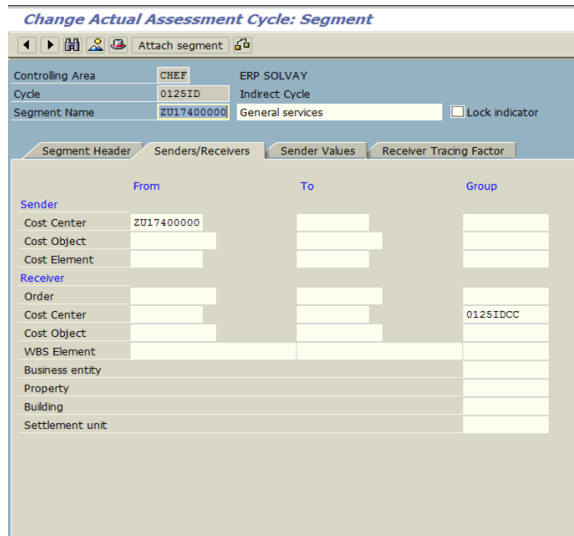
**Attach segment**



**STEP 5**

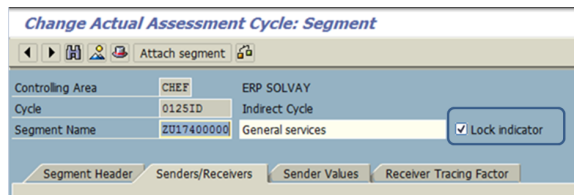
Make the appropriate changes to the segment as required

 Please see [KSU1 - Create Actual Assessment Cycle](#) to better understand the changes that can be performed.




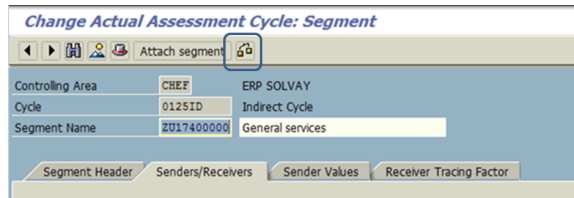
You can lock a segment, by checking the lock indicator box



Lock indicator





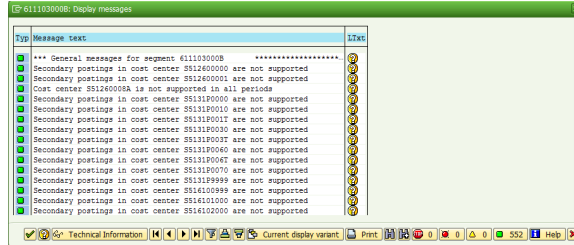
**STEP 6**

After the appropriate changes to the segment, click on  , to do a Formal Check.




 If there is any errors  , you need to analyse and correct.

 Disregard Warnings 



**STEP 7**

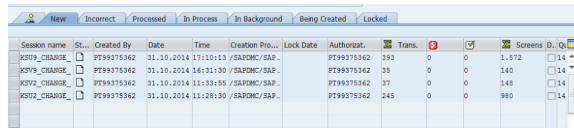
After the appropriate changes and the formal check Save  .

**STEP 8**

It is also possible to perform mass changes on cycles in terms of dates.

To do so, please contact IS Team by the appropriate tool, requesting the creation of a LSWM and providing the respective list of the cycles to be changed.

Afterwards, IS Team will request to process the batches sessions created for this purpose.



## Workflow history

This view shows the 5 most recent entries. The complete workflow log is available from the 'Document Activity' menu item.


Jul 06, 2016	Actor	Type	Activity	Version
Publi shed	ROLLIER, Charlotte	State	changed state to <b>Published</b> at 8:49 pm	v25
To be approved	ROLLIER, Charlotte	State	gave <i>Approvers</i> approval at 8:49 pm	
		State	changed expiry date to '11 Jul, 2016 08:49 pm' at 8:49 pm	
		State	changed state to <b>To be approved</b> at 8:49 pm	v25
For Review	ROLLIER, Charlotte	State	gave <i>Reviewers</i> approval at 8:49 pm	
		State	changed expiry date to '11 Jul, 2016 04:23 pm' at 4:23 pm	
		State	changed state to <b>For Review</b> at 4:23 pm	v25
From Jun 23, 2015 to Apr 18, 2016				

Draft [Gonçalo Leal](#) , [PEREIRA DINIZ, Sandra](#) , [Alexandra Lepercq](#) , [João Isaac](#) and [ROLLIER, Charlotte](#)

Edit multiple updates from [Gonçalo Leal](#) , [PEREIRA DINIZ, Sandra](#) , [Alexandra Lepercq](#) , [João Isaac](#) and [ROLLIER, Charlotte](#)


[ROLLIER, Charlotte](#)

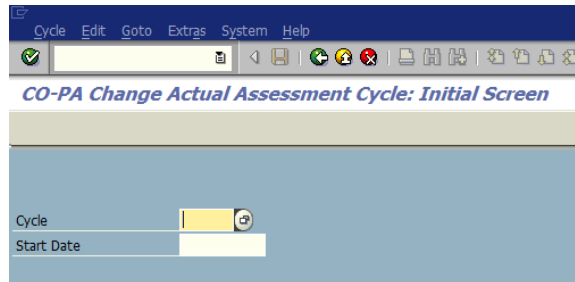
Edit created the page at 1:21 am

 Before starting, make sure you are in the right operating concern with [KEBC - Setting Operating concern](#). List of operating concern : [Rules - CO structure](#)

**STEP 1**

Start the transaction using transaction code KEU2

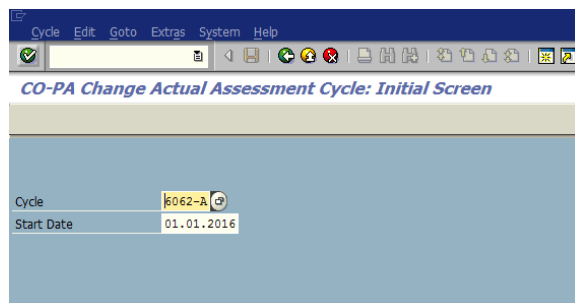
 CO-PA Change Actual Assessment: Initial Screen



**STEP 2**

Enter the cycle code and the starting date

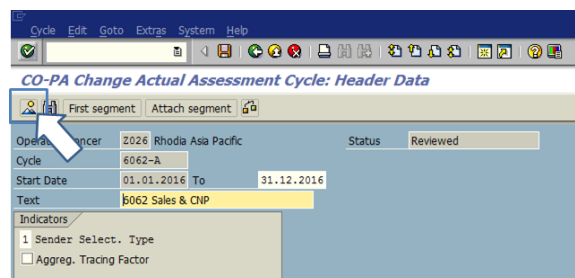
and 



**STEP 3**

Open the Segment Overview dialog box

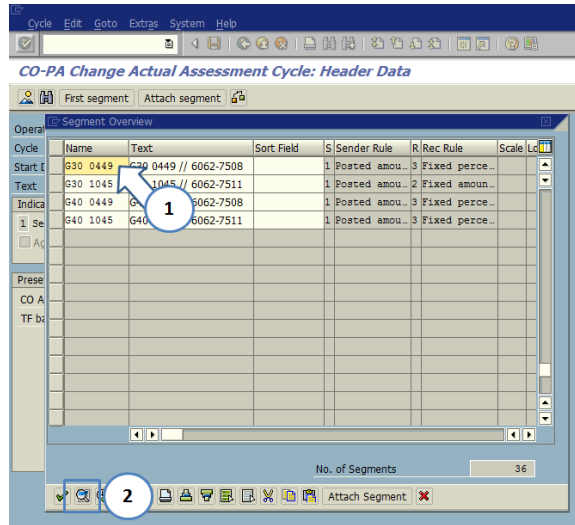
Click 



**STEP 4**

Select the segment to be updated


and choose 

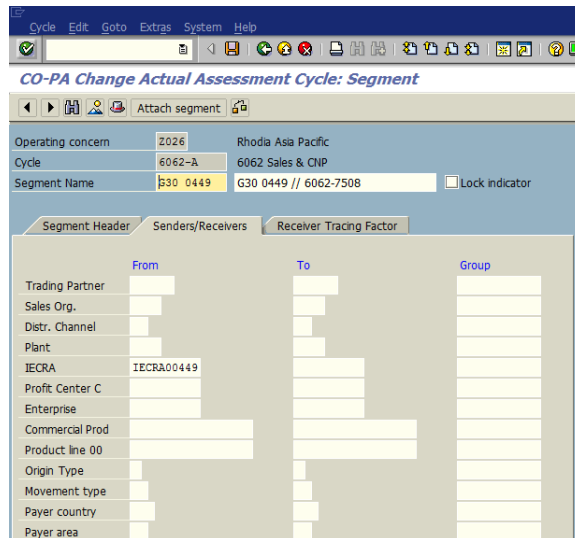


Or create a new segment by clicking

**Attach segment**

**STEP 5**

Make the appropriate changes to the segment as required and save 



**STEP 6**

It is also possible to perform mass changes on cycles in terms of dates.


To do so, please contact IS Team by the appropriate tool, requesting the creation of a LSWM and providing the respective list of the cycles to be changed.


Afterwards, IS Team will request to process the batches sessions created for this purpose.

Session name	Created By	Date	Time	Creation Pro...	Lock Date	Authorizat.	Trans.	0	0	Screens D.
KSV9_CHANGE_	FF99375362	31.10.2014	17:10:13	/SAPFNC/SAP...		FF99375362	393	0	0	1.572
KSV9_CHANGE_	FF99375362	31.10.2014	16:31:30	/SAPFNC/SAP...		FF99375362	35	0	0	140
KSV2_CHANGE_	FF99375362	31.10.2014	11:33:55	/SAPFNC/SAP...		FF99375362	37	0	0	140
KSV2_CHANGE_	FF99375362	31.10.2014	11:28:30	/SAPFNC/SAP...		FF99375362	245	0	0	980

**STEP 1**

Start the transaction using transaction code KSV2

 Change Actual Distribution Cycle: Initial Screen

 **Budget Distribution**  
For budget distribution allocations insert KSV8.


### Change Actual Distribution Cycle: Initial Screen

Cycle   
Start Date

#### STEP 2

Enter the cycle code and the starting date

and

 If you don't know the Starting Date, do not insert the date,  and choose the most recent one.

### Change Actual Distribution Cycle: Initial Screen


Cycle   
Start Date

#### STEP 3

Open the Segment Overview dialog box


Click 

### Change Actual Distribution Cycle: Header Data

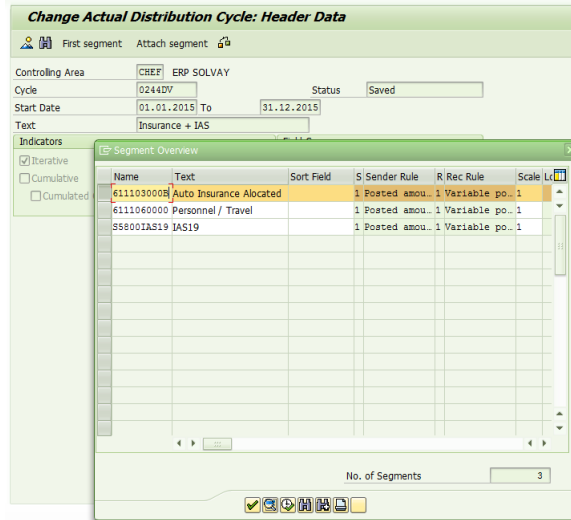
 First segment Attach segment

Controlling Area	CHEF	ERP SOLVAY	Status	Saved
Cycle	0244DV			
Start Date	01.01.2015	To	31.12.2015	
Text <input type="text" value="Insurance + IAS"/>				
Indicators		Field Groups		
<input checked="" type="checkbox"/> Iterative	<input type="checkbox"/> Cumulative	<input type="checkbox"/> Consumption	<input checked="" type="checkbox"/> Object Currency	<input type="checkbox"/> Transaction Curren
<input type="checkbox"/> Cumulated Opt				

#### STEP 4


Select the segment to be updated and choose 

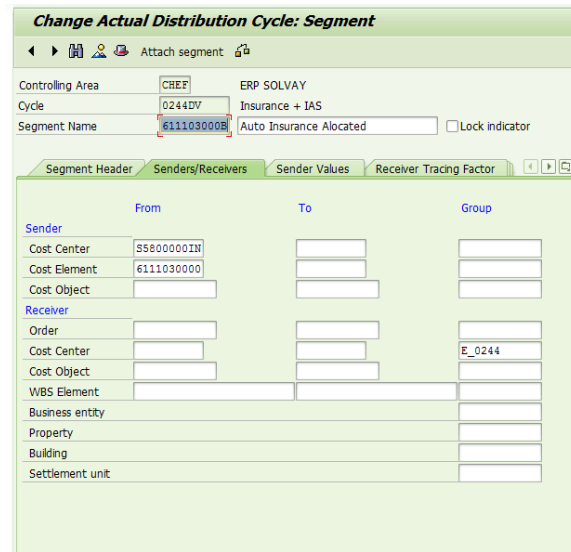
Or create a new segment by clicking




**STEP 5**



Make the appropriate changes to the segment as required

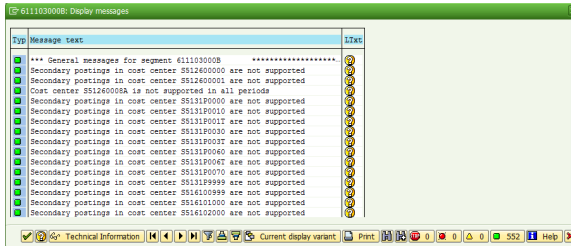
 Please see [KSV1 - Create Actual Distribution Cycle](#) to better understand the changes that can be performed.



**STEP 6**

After the appropriate changes to the segment, click on , to do a Formal Check.

 If there is any errors you need to analyse and correct. 






Disregard Warnings



#### STEP 7

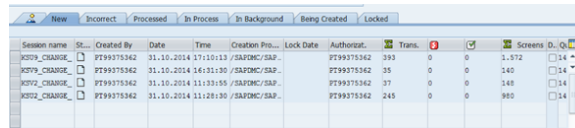
After the appropriate changes and the formal check Save .

#### STEP 8

It is also possible to perform mass changes on cycles in terms of dates.

To do so, please contact IS Team by the appropriate tool, requesting the creation of a LSWM and providing the respective list of the cycles to be changed.

Afterwards, IS Team will request to process the batches sessions created for this purpose



Session name	St...	Created By	Date	Time	Creation Pro...	Lock Date	Authoriz.	Trans.	0	0	Screens	D. Q.
KSF19_CHANGE		FF99375362	31.10.2014	17:10:13	/SAPMNC/SAP...		FF99375362	393	0	0	1.572	14
KSF19_CHANGE		FF99375362	31.10.2014	16:31:50	/SAPMNC/SAP...		FF99375362	35	0	0	140	14
KSF12_CHANGE		FF99375362	31.10.2014	11:33:55	/SAPMNC/SAP...		FF99375362	37	0	0	148	14
KSF13_CHANGE		FF99375362	31.10.2014	11:28:30	/SAPMNC/SAP...		FF99375362	245	0	0	960	14

I inform FRA/Controller that the cycles are updated in SAP