

# 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).

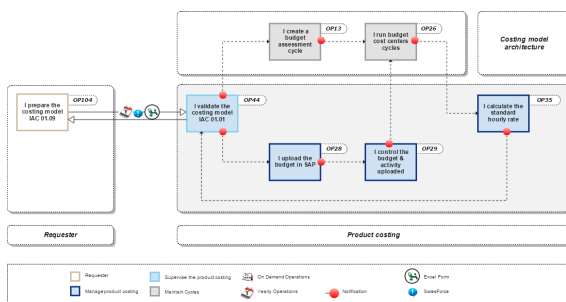
The instruction notes to complete the template of WP2, **under FRA responsibility**, are below:

[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**

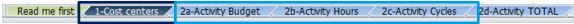
**Download the file** [IAC 01.01 Costing Model](#)

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	
	1	2a	2b	2c	WP1	PM	GCCO	RCOM							
Europe															
ES Blanes	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	here is a mistake in the tab 2b	xxx@solvay.com	12-11-2015
FR Belle-Etoile	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		xxx@solvay.com	15-11-2015
FR Butachimé Chalampé														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	
	1	2a	2b	2c	WP1	PM	GCCO	RCOM							
Asia															
CH Chengde														PAN, Jun	
CH Chengde														YANG, peng	
CH Feixiang														ZHOU, xiaoyan	
CH Likang														YANG, peng	
CH Liang														PAN, Jun	
CH Shanghai														LI, Ada	
CH Zhangjiagang														ZHANG, kevin	
CH Zhongyuan														XU, lin	
CH Zhongyuan (new area)														XU, lin	
CH ZHU														ZHAO, ...	
JN Pan														PITHA, ...	
KR Incheon														C. 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

**Workflow history**

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

Mar 31, 2025	Actor	Type	Activity	Version
Published	Gomes, Susana	Edit	updated the page at 11:01 am	
	Gomes, Susana	State	changed state to <b>Published</b> at 9:01 am	v19
Draft	Gomes, Susana	State	gave <i>Approvers</i> approval at 9:01 am	
	Gomes, Susana	State	changed state to <b>Draft</b> at 9:01 am	v18

Aug 14, 2024

Published



Gomes, Susana

Edit updated the page at 3:47 pm

State changed state to **Published** at 1:47 pm v17

Draft



Gomes, Susana

State gave *Approvers* approval at 1:47 pm

State changed state to **Draft** at 1:47 pm v17

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 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_IAC 01.09_7605 Incheon SILICA	
Year	2015		
Currency	KRW		
GBU	SILICA	<i>Compulsory for multi-GBUs 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	Statu	Profit cene	Responsib	Group
7515	7603-1001	EPO Compounding	johan	OHDI	Active	Correct	Correct	EPRODX WORKSHOP
7515	7603-1001	AAO AA Semi-Production 1	johan	OHDI	Active	Correct	Correct	EPRODX WORKSHOP
7515	7603-1001	PVO AH Salt-Production	johan	OHDI	Active	Correct	Correct	EPRODX WORKSHOP
7515	7603-1002	PVO Polymerization	johan	OHDI	Active	Correct	Correct	EPRODX WORKSHOP
7515	7603-1101	EPO Blending	johan	OHDI	Active	Correct	Correct	EPRODX WORKSHOP
7515	7603-1201	EPO Resin	johan	OHDI	Active	Correct	Correct	EPRODX WORKSHOP
7515	7603-1221	AAO AA Packing	johan	OHDI	Active	Correct	Correct	EPRODX WORKSHOP
7515	7603-1232	PVO Packing CNP & AAO	johan	OHDI	Active	Correct	Correct	EPRODX WORKSHOP
7515	7603-1400	EPO Utility	johan	OHDI	Active	Correct	Correct	ECOPX VARIABLE COSTS
7515	7603-1402	EPO CP-Production/Packing	johan	OHDI	Active	Correct	Correct	ECOPX VARIABLE COSTS
7515	7603-1421	AAO STEAM	johan	OHDI	Active	Correct	Correct	ECOPX VARIABLE COSTS
7515	7603-1422	AAO compressed air	johan	OHDI	Active	Correct	Correct	ECOPX VARIABLE COSTS
7515	7603-1423	AAO Water	johan	OHDI	Active	Correct	Correct	ECOPX VARIABLE COSTS
7515	7603-1424	AAO Electricity	johan	OHDI	Active	Correct	Correct	ECOPX VARIABLE COSTS
7515	7603-1425	AAO Waste Water Treatment	johan	OHDI	Active	Correct	Correct	ECOPX VARIABLE COSTS
7515	7603-1426	AAO Incenerator	johan	OHDI	Active	Correct	Correct	ECOPX 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	1,382.510	1,382.510
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
  - a. Other constraints must be

Cost centers	Activities	Hours					Normal capacity (h)	
		t2 Planned maintenance	t3 Intercampaign changeovers	Included in recipe Drives / lmo	(*)Other constraints	Number of production lines		
7603-1021	AAO AA Semi-Production 1	MANHO	480	-	1		1	8.280
		MACHI	480	-	1		1	8.280
7603-1221	AAO AA Packing	MANHO	480	-	1		1	8.280
		MACHI	480	-	1		1	8.280
7603-1001	PVO AH Salt-Production	MANHO	420	-	1		1	8.340
		MACHI	420	-	1		1	8.340
7603-1002	PVO Polymerization	MANHO	420	-	1		2	16.680
		MACHI	420	-	1		2	16.680

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

explained : it can only be technical constraints (usually bottlenecks)

- b. Number of hours for planned maintenance should be reasonable
- c. Compare with the previous year

 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 Polymerization				100			
7603-1101 EPO Blending						100	
7603-1201 EPO Packing							100
7603-1221 AAO SA Packing		100					
7603-1252 PVO Packing CNP & AAO					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

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

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

**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 

**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

**STEP 3**

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

If there are discrepancies, you must make further investigations

Description	Normal capacity	7603-1021	7603-1221
Depreciation	9.499.600.000	4.460.000.000	91.500.000
Labor costs dir	10.406.000.000	4.169.000.000	-
Labor costs ind	-	-	-
Maintenance	17.984.000.000	7.791.000.000	-
Other CNP	-	-	-
AMMO	9.499.600.000	4.460.000.000	91.500.000
MACHI	17.984.000.000	7.791.000.000	-
MANHO	10.406.000.000	4.169.000.000	-
AMMO	-	8.280	8.280
MACHI	-	8.280	8.280
MANHO	-	8.280	8.280
AMMO	-	538.647	11.051
MACHI	-	940.942	-
MANHO	-	303.302	-

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

BUDGET - KP07

Cost centers	Description	Cost elements	CNP Budget	Additional CNP	Normal capacity
			€KW	€KW	€KW
7603-1011	AA Direct Labor	98320200	4,169,000.000		4,169,000.000
	AA Ind. Labor + M + O	98300207	7,523,000.000	268,000.000	7,791,000.000
	AA AMO	98340200	4,460,000.000		4,460,000.000
7603-1221	AA Packing AMO	98340200	91,500.000		91,500.000
7603-1011	AA Ind. Labor + M + O	98320200	438,000.000		438,000.000
	AA Ind. Labor + M + O	98300207	227,000.000		227,000.000
7603-1012	Polymer direct labor	98320200	2,770,000.000		2,770,000.000
	Polymer Ind. Labor + M + O	98300207	4,326,000.000	201,000.000	4,527,000.000
	Polymer AMO	98340200	2,812,000.000		2,812,000.000
7603-1212	EP Facking AMO	98340200	430,000.000		430,000.000
7603-1001	EP Compounding Labor	98320200	3,009,000.000		3,009,000.000
	EP Ind. Labor + M + O	98300207	5,485,000.000	201,000.000	5,686,000.000
	EP AMO	98340200	1,457,000.000		1,457,000.000
7603-1201	EP Packing AMO	98340200	2,100.000		2,100.000

S\_ALR\_87013611

Cost Center: Actual/Plan/Variance Date: 19.06.2015

Cost Center/Group: 7603-1011 AA AA Des: AA Des

Person responsible: S001134

Reporting period: 1 to 12 2015

Cost Element	Act. - Coste	Plan - Coste
98320200	98320200	98320200
98300207	98300207	98300207
98340200	98340200	98340200
Debit		

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 - KP27

Cost centers	Activities	M	Hours			Normal capacity
			Planned	Actual	Production	
7603-1011	AA AA Ind Production 1	MACH	400	1	1	8,380
		AMO	400	1	1	8,380
7603-1211	AA AA Facking	MACH	400	1	1	8,380
		AMO	400	1	1	8,380
7603-1012	PPO AA Ind Production	MACH	400	1	1	8,380
		AMO	400	1	1	8,380
7603-1014	PPO Polymerization	MACH	400	1	2	16,760
		AMO	400	1	2	16,760
7603-1212	PO Facking	MACH	400	1	2	16,760
		AMO	400	1	2	16,760
7603-1001	EPD Compounding	MACH	300	440	4	47,880
		AMO	300	440	4	47,880
7603-1201	EPD Facking	MACH	300	440	1	6,760
		AMO	300	440	1	7,380

S\_ALR\_87013611

Cost Center: Actual/Plan/Variance Date: 19.06.2015

Cost Center/Group: 7603-1011 AA AA Des: AA Des

Person responsible: S001134

Reporting period: 1 to 12 2015

Activity Name	Act. - Activity	Plan - Activity
AA - Ind. Production 1	AA - Ind. Production 1	AA - Ind. Production 1
AA - Facking	AA - Facking	AA - Facking
AA - Ind. Production	AA - Ind. Production	AA - Ind. Production
AA - Polymerization	AA - Polymerization	AA - Polymerization
AA - Facking	AA - Facking	AA - Facking
AA - Compounding	AA - Compounding	AA - Compounding
AA - Facking	AA - Facking	AA - Facking

2C-ACTIVITY CYCLES

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

IAC 01.09

KSU9

Controlling Area: 3124 Rhoda Asia Pacific

Cycle: 011000 8035 Hengshang - Budget

Segment Name: 0120-2100 8035-1001 ZIG-01

Cost centers	8035-1000	8035-1001	8035-1002	8035-1003	8035-1004
8035-2000 ZIG-01	40	10	4	36	10
8035-2001 ZIG Plant/Supervs	40	10	4	36	10
8035-2002 ZIG Plant/Supervs 2	40	10	4	36	10
8035-2000 Taxes and Insurance	40	10	4	36	10
8035-2001 HSE Supplies	40	10	4	36	10
8035-2002 Utilities - Power	40	10	4	36	10
8035-2003 Utilities - Water	40	10	4	36	10
8035-2004 Gas/Fy assurance	40	10	4	36	10
8035-2005 Quality control lab	40	10	4	36	10

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	2a	2b	2c	WP1	PM	Validation	Comments	Contact	Last control
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 upload in the dedicated folder in the IAC controls repository

**RCOM Checklist IAC 01.01**

	2				Validation			Comments	Contact	Last control
	1	2a	2b	2c	WPI	PM	GGCC			
<b>China</b>										
CH Baotou	✓	✓	✓	✓	✓	✓	✓	Fully completed	xxx@solvay.com	05-12-2015
CH Chengyang	✓	✓	✓	✓	✓	✓	✓	Fully completed	xxx@solvay.com	06-12-2015
CH Feixiang	✓	✓	✓	✓	✓	✓	✓	Fully completed	xxx@solvay.com	07-12-2015
CH Licang	✓	✓	✓	✓	✓	✓	✓	Fully completed	xxx@solvay.com	08-12-2015
CH Liyang	✓	✓	✓	✓	✓	✓	✓	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 (Novocare)	✓	✓	✓	✓	✓	✓	✓	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   to

[H]Start Date  to

[H]Text language

[H]Valid To  to

[H]Created on  to

[H]Date of last change  to

[H]Date of the last exec  to

[H]Type of allocation  to

[H]Actual/plan indicator  to

[S]Locked  to

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  **F001cccc\*** to

[H]Start Date **01.01.2020** to **31.12.2020**

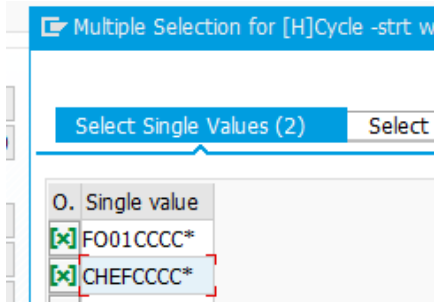
[H]Text language

[H]Valid To  to

[H]Created on  to

[H]Date of last change  to

Cycle should be completed like this:



- **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**

**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	IECRA00006		
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				000398		0002027650
4	115	R				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			
				0195-1000			
				0195-1100			
				0195-1110			
	R	4	10.00	0195-1200			
	R	5	5.00	0195-1300			
	R	6	5.00	0195-1400			

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

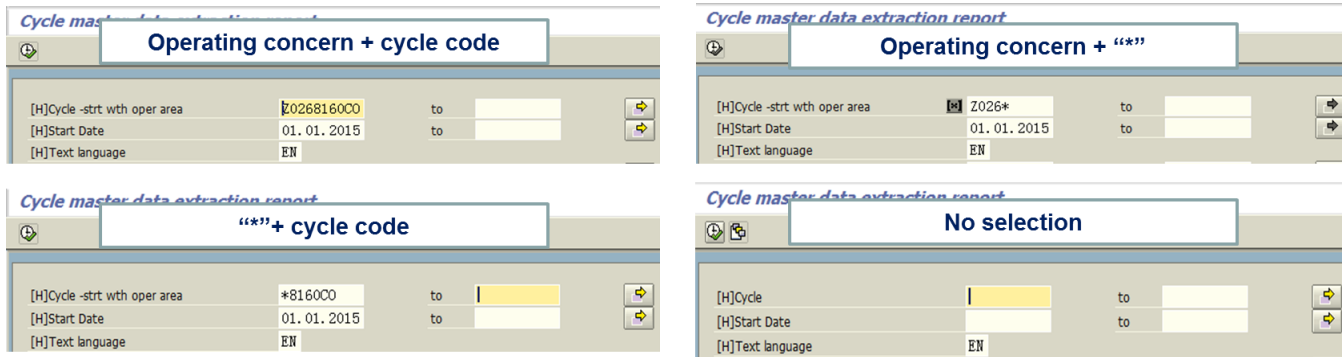
- When creating a cycle, to specify sender / receiver, user can input 'from' only to show a single object, or input 'from' and 'to' to show a range, or even use 'group' to show a collection list.
- In order to reduce the column quantity in the report output, the information in 'from' 'to' 'group' is 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	
<b>Single object</b>	0195-1000	
	0195-1000	
	0195-1000 to 0195-1300	
<b>From... to...</b>	0195-1000 to 0195-1400	
	0195-1000 to 0195-1300	
	0195-2000	

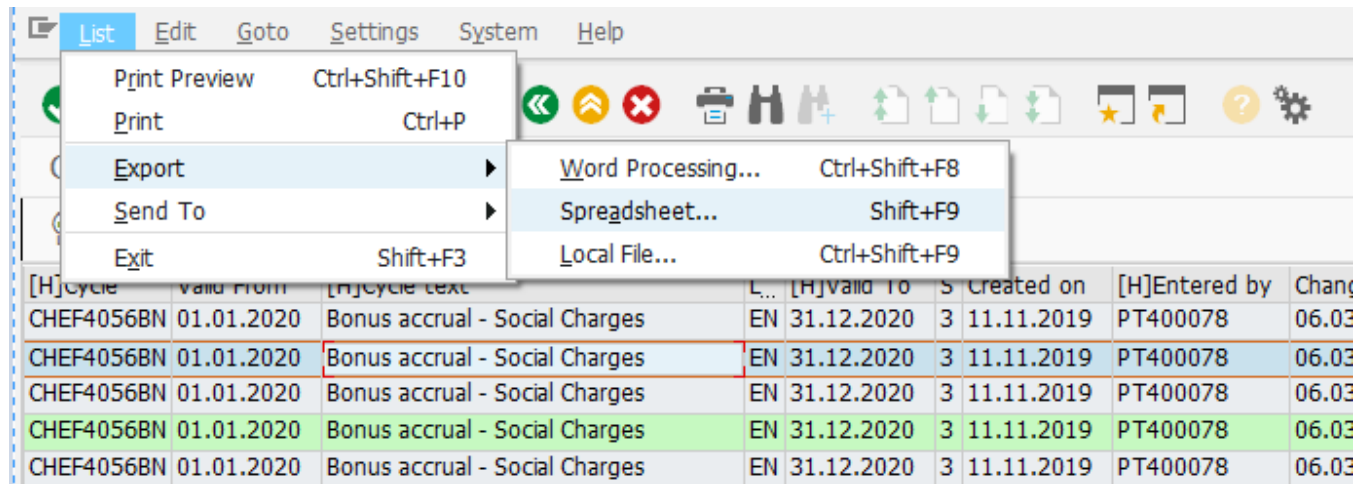
'[H]Cycle' code start with operation concern

- 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



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

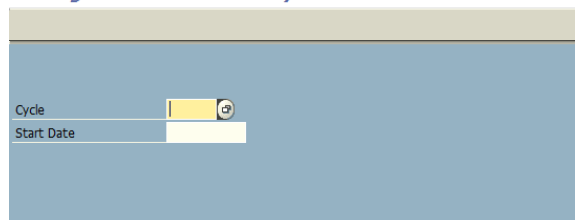
Depending on the type of cycle, I use KSU2, KEU2, KSV2

STEP 1

Start the transaction using transaction code KSU2

Change Actual Assessment Cycle: Initial Screen

Change Actual Assessment Cycle: Initial Screen



STEP 2

Enter the cycle code and the starting date



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

Change Actual Assessment Cycle: Initial Screen

Cycle: 0125ID  
Start Date: 01.01.2015

STEP 3

Open the Segment Overview dialog box



Change Actual Assessment Cycle: Header Data

Control: CHEF ERP SOLVAY  
Cycle: 0125ID Status: Saved  
Start Date: 01.01.2015 To: 31.12.2015  
Text: Indirect Cycle  
Indicators:  Iterative,  Cumulative,  Cumulated Opt  
Field Groups:  Object Currency,  Transaction Currency

STEP 4

Select the segment to be updated and choose

Or create a new segment by clicking

Change Actual Assessment Cycle: Header Data

Name	Text	Sort Field	S	Sender Rule	R	Rec Rule	Scale	Loc
ZU17400000	General services		1	Posted amou...	3	Fixed perce...		
ZU17450000	General services		1	Posted amou...	3	Fixed perce...		
ZU17460000	General services		1	Posted amou...	3	Fixed perce...		
ZU10510000	Maintenance		1	Posted amou...	1	Variable po...		
ZU10520000	Maintenance		1	Posted amou...	1	Variable po...		
ZU1260000A	ENVIRONNEMENT		1	Posted amou...	3	Fixed perce...		
ZU1260001F	ENVIRONNEMENT		1	Posted amou...	3	Fixed perce...		
ZU1260003K	ENVIRONNEMENT		1	Posted amou...	3	Fixed perce...		
ZU1260004A	ENVIRONNEMENT		1	Posted amou...	3	Fixed perce...		
ZU1270002A	SAFETY HYGIENE		1	Posted amou...	3	Fixed perce...		
ZU1270000A	SAFETY HYGIENE		1	Posted amou...	3	Fixed perce...		
ZU10410000	Technical assistance		1	Posted amou...	3	Fixed perce...		
ZU11120000	Internal logistic		1	Posted amou...	3	Fixed perce...		
ZU11210000	Internal logistic		1	Posted amou...	3	Fixed perce...		
ZU14110000	Laboratory (quality contr...		1	Posted amou...	3	Fixed perce...		

No. of Segments: 21

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.

**Change Actual Assessment Cycle: Segment**

Controlling Area: CHEEF ERP SOLVAY  
 Cycle: 0125ID Indirect Cycle  
 Segment Name: ZU17400000 General services  Lock indicator

Segment Header Senders/Receivers Sender Values Receiver Tracing Factor

Sender	From	To	Group
Cost Center	ZU17400000		
Cost Object			
Cost Element			
Receiver			
Order			
Cost Center			0125IDCC
Cost Object			
WBS Element			
Business entity			
Property			
Building			
Settlement unit			

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


Lock indicator

**Change Actual Assessment Cycle: Segment**

Controlling Area: CHEEF ERP SOLVAY  
 Cycle: 0125ID Indirect Cycle  
 Segment Name: ZU17400000 General services  Lock indicator

Segment Header Senders/Receivers Sender Values Receiver Tracing Factor

**STEP 6**

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

**Change Actual Assessment Cycle: Segment**


Controlling Area: CHEEF ERP SOLVAY  
 Cycle: 0125ID Indirect Cycle  
 Segment Name: ZU17400000 General services

Segment Header Senders/Receivers Sender Values Receiver Tracing Factor



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




Disregard Warnings 

EP 6111030008: Display messages

Type	Message text	Sizac
***	General messages for segment 6111030008	
Secondary postings in cost center S51260000 are not supported		
Secondary postings in cost center S51260001 are not supported		
Cost center S51260008 is not supported in all periods		
Secondary postings in cost center S5131P0000 are not supported		
Secondary postings in cost center S5131P0010 are not supported		
Secondary postings in cost center S5131P0011 are not supported		
Secondary postings in cost center S5131P0010 are not supported		
Secondary postings in cost center S5131P0011 are not supported		
Secondary postings in cost center S5131P0012 are not supported		
Secondary postings in cost center S5131P0013 are not supported		
Secondary postings in cost center S5131P0014 are not supported		
Secondary postings in cost center S5131P0015 are not supported		
Secondary postings in cost center S5131P0016 are not supported		
Secondary postings in cost center S5131P0017 are not supported		
Secondary postings in cost center S5131P0018 are not supported		
Secondary postings in cost center S5131P0019 are not supported		
Secondary postings in cost center S51410999 are not supported		
Secondary postings in cost center S51610100 are not supported		
Secondary postings in cost center S51610200 are not supported		

**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.


Session name	St...	Created By	Date	Time	Creation Pro...	Lock Date	Authoriz...	Trans.	3	0	0	Screens	D...	Q...
K379_CHANGE		PT99375362	31.10.2014	17:10:13	/SAPMNC/SAP		PT99375362	393	0	0	1.372	14		
K379_CHANGE		PT99375362	31.10.2014	16:31:30	/SAPMNC/SAP		PT99375362	35	0	0	140	14		
K372_CHANGE		PT99375362	31.10.2014	11:33:55	/SAPMNC/SAP		PT99375362	37	0	0	148	14		
K372_CHANGE		PT99375362	31.10.2014	11:28:30	/SAPMNC/SAP		PT99375362	245	0	0	980	14		

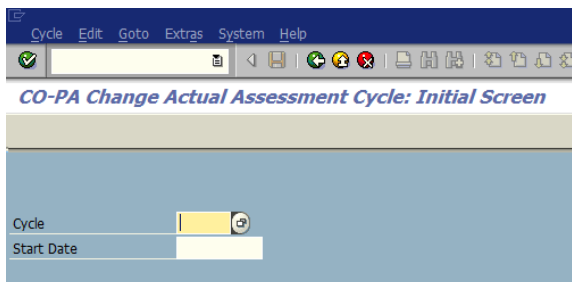
Afterwards, IS Team will request to process the batches sessions created for this purpose.

 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

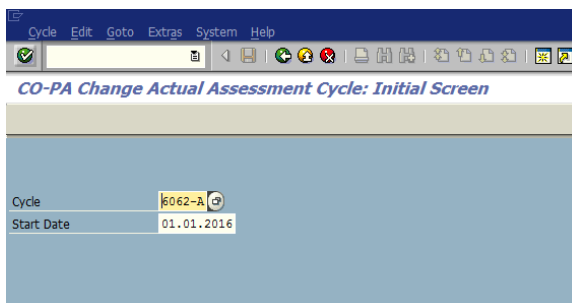
 CO-PA Change Actual Assessment: Initial Screen



**STEP 2**

Enter the cycle code and the starting date

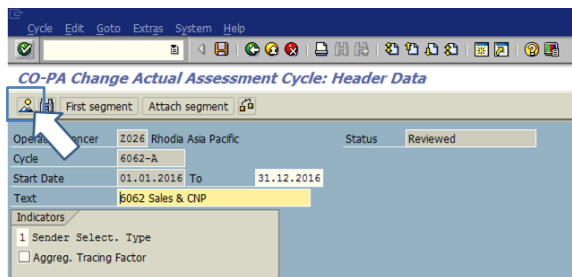
and 




**STEP 3**

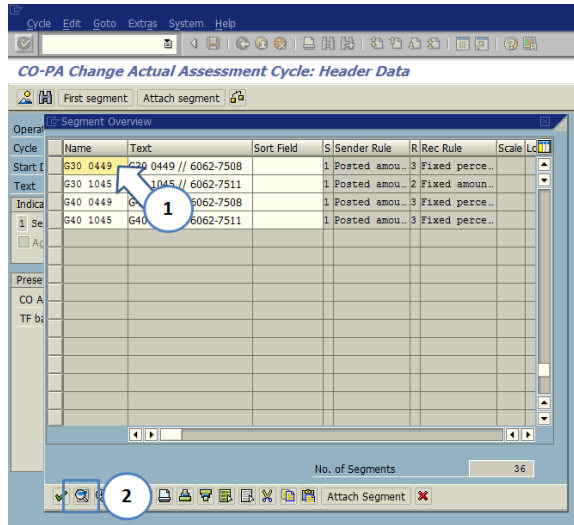
Open the Segment Overview dialog box

Click 



**STEP 4**


Select the segment to be updated and choose 

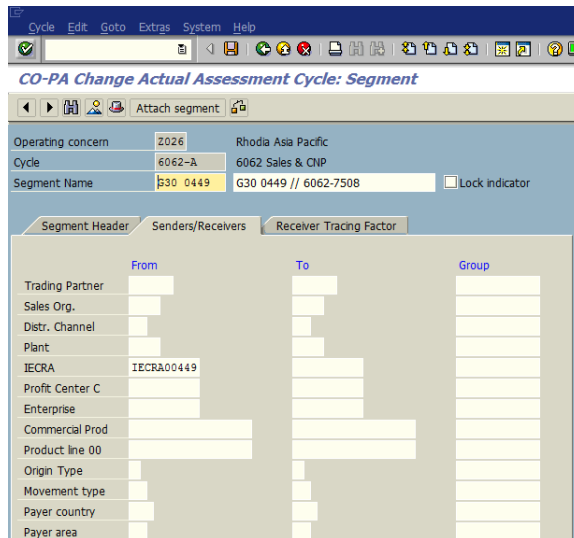


Or create a new segment by clicking

**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.

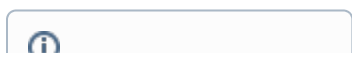
To do so, please contact IS Team by the appropriate tool, requesting the creation of a LSWM and providing the respective list of the cycles to be changed.

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_	PF99375362	31.10.2014	17:10:13	/SAPFNC/SAP.		PF99375362	393	0	0	1.572
KSV9_CHANGE_	PF99375362	31.10.2014	16:31:30	/SAPFNC/SAP.		PF99375362	35	0	0	140
KSV2_CHANGE_	PF99375362	31.10.2014	11:33:55	/SAPFNC/SAP.		PF99375362	37	0	0	140
KSV2_CHANGE_	PF99375362	31.10.2014	11:28:30	/SAPFNC/SAP.		PF99375362	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	<input type="text"/>
Start Date	<input type="text"/>

#### 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	<input type="text" value="0244DV"/>
Start Date	<input type="text" value="01.01.2015"/>

#### STEP 3

Open the Segment Overview dialog box



### Change Actual Distribution Cycle: Header Data

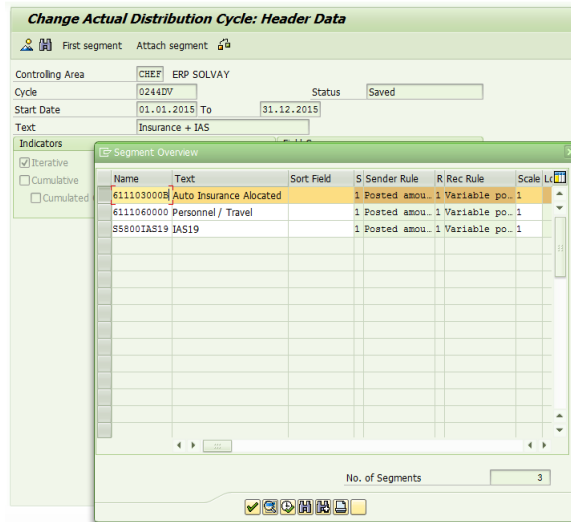
First segment   Attach segment

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

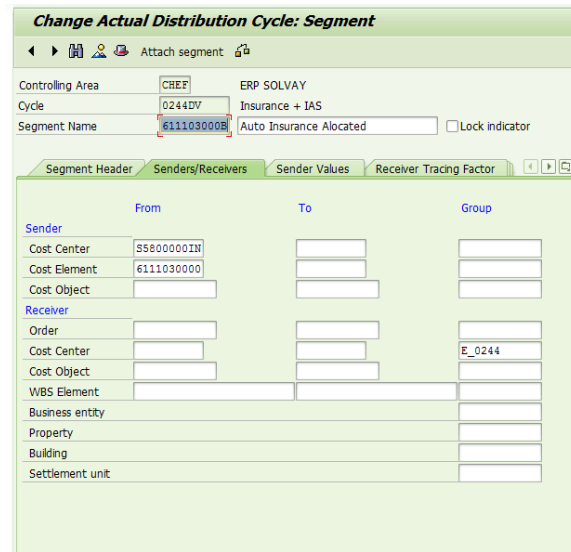
Or create a new segment by clicking




**STEP 5**



Make the appropriate changes to the segment as required

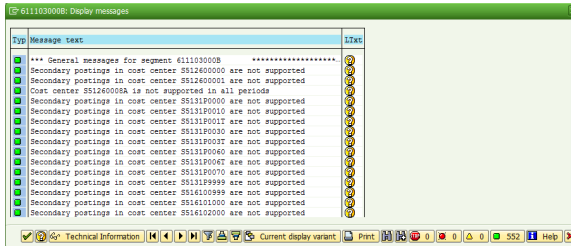
 Please see [KSV1 - Create Actual Distribution Cycle](#) to better understand the changes that can be performed.



**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	Authorizat...	Trans.	Trans.	Trans.	Screens	D. Co
KST09_CHANGE	<input type="checkbox"/>	FF99375362	31.10.2014	17:10:13	/SAPFNC/SAP...		FF99375362	393	0	0	1.572	<input type="checkbox"/> 14
KST09_CHANGE	<input type="checkbox"/>	FF99375362	31.10.2014	16:31:20	/SAPFNC/SAP...		FF99375362	35	0	0	340	<input type="checkbox"/> 14
KST12_CHANGE	<input type="checkbox"/>	FF99375362	31.10.2014	11:21:55	/SAPFNC/SAP...		FF99375362	37	0	0	148	<input type="checkbox"/> 14
KST12_CHANGE	<input type="checkbox"/>	FF99375362	31.10.2014	11:28:30	/SAPFNC/SAP...		FF99375362	245	0	0	960	<input type="checkbox"/> 14

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