

# P&L - Transformations rules

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## Access Management

### Roles & Access

List of application role + menu role and explanation if we have several applications role with specials rules.

Role Code	Role Description	Explanation
ZR_RCS_CA_M432	P&L – Upload Data - Non-ERP ZPL_FILE	Role menu for non ERP
ZR_RCS_CA_M12	PL - P&L Reporting	Role menu
ZBI_RCS_FI_A33	P & L – Profit and Loss - End User role	End user role

### Authorization Objects

List of authorization objects mandatory for the application.

Authorization object	Explanation
GBU	ZR_*_CA_P05
PRS Company	ZR_*_CA_P07
PRS Area(C_COMPCDE__C_MNGAREA)	ZR_*_CA_P08
GL Type(0GL_ACCOUNT__C_GL_TYPE)	ZR_*_CA_P10
Plant (C_PLANT)	ZR_*_CA_P02
Company (C_COMPCDE)	ZR_*_CA_P01
Authorization Scope (C_AUTHMA)	ZR_*_CA_P00

## Data Flow

## Technical Rules

Explanation for the process on the technical side. Can be specific cases or general rules depending on the scope.

Proposal: to put the main rules of transformation ???

Question: do we put the rules of query here or in the functional doc ?

## General informations

PQ1 providers are not loaded since end of 2018. Only historical data obsolete.

DBCOPA37 & DBCOPA39 are not loaded since January 2019.

Technical rules linked to Integrated Margin providers (with **IM** in red in the data flows) are in [Profit and Loss Integrated Costs](#) wiki

## Overview main technical rules

### Rhodia

#### DPCOPA01 DBCOPA01

A transposition of data is done between DPCOPA01 and DBCOPA01. In propagation layer, we have multiple key figures (one per value field C\_FIELDN).

In business layer, the value field is added in the key of the dso, like that it's possible to regroup the quantities and amounts in one key figure with C\_FIELDN to identify them.

#### Start routine

Determination if field in source is a quantity or amount field to assign to the good target quantity or amount field.

#### End routine

The field /BIC/C\_TECPARA "Technic Partn Activ" is cleared.

#### DBCOPA01 IB\_COPA\_01

Before load data in DBCOPA02, DBCOPA03, ABCOPA03 and DBCOPA40, transformation goes through infosource IB\_COPA\_01. The idea is to have in transformation one transformation TRSF: DBCOPA01 -> IB\_COPA\_01 same rules that will be applied to the different targets

▼ TRSF: DBCOPA01 -> IB_COPA_01	0SIHW6YNGY067K0ZRXTS50E3QEFVZMF1
▼ Profitability Analysis: COPA - Business rules	IB_COPA_01
▼ TRSF: IB_COPA_01 -> ABCOPA03	0F9XPVZUOCAADKKNX5NR76XYEFOLV15R
▶ Profitability Analysis: COPA - CDSA Determination	ABCOPA03
▼ TRSF: IB_COPA_01 -> DBCOPA02	0QNEF5QM2MAC9TTSUPMPQ1U2F96EAGJI
▶ Profitability Analysis: COPA - IECRA Determination	DBCOPA02
▼ TRSF: IB_COPA_01 -> DBCOPA03	01U1ZIH7N9MWXODY1W5IRFA4IZLKAQ1W
▶ Profitability Analysis: COPA - CDSA Determination	DBCOPA03
▼ TRSF: IB_COPA_01 -> DBCOPA40	09GHZRBDDE2UC1TWY7VUAIEKK8J9DVRJ9
▶ PAX: Profitability Analysis: COPA - IECRA Determination	DBCOPA40

#### Start routine

Internal tables from master data c\_compprs (company code prs), g\_cwwe01 (Sub-activity) and DSOs DPCOPAA1, DPCOPAB1, DPCOPAE1, DPCOPAD1, DPCOPAC1, DCOPAG1, DCOPAF1, DCOPAH1 are filled.

Data with currency type = B0 are deleted.

#### End routine

If C\_FIELDN is present in internal table itb\_fieldn, if the currency is not the same as document currency and if the record mode is not equal to X (it means the data is changed), module function ZFM\_BW\_CONVERT\_TO\_FOREIGN\_CURR is used to convert the amount from local to document currency in internal table itb\_h\_conv\_currency. The data for exchange rate conversion is the date when the loading is done (sy-datum).

Field "Technic Partn Activ" C\_TECPARA and "Partner Activity" C\_PACTIV are determined in function of "movement type" G\_CWWE10.

- If G\_CWWE10 is empty C\_PACTIV is empty and C\_TECPARA = 'BLANK'.
- If G\_CWWE10 is 01, field "Sub Activity" 0G\_CWWE01 is used.
  - If the "BFC Activity 1" C\_MAGNITU of 0G\_CWWE01 is not empty C\_PACTIV = C\_MAGNITU. C\_TECPARA is a concatenation of '01' and 0G\_CWWE01.
  - In other cases, C\_PACTIV and C\_TECPARA = ZZ01.
- If G\_CWWE10 is 10:
  - Determination of profit center with reading of internal table with data from DPCOPAH1 or DPCOPAF1 or DPCOPAG1 or DPCOPAC1. If in the first internal table, in function of the condition of reading, no data is found, we check in the next internal table. The profit center is a concatenation of GBU from DSO (internal table where the conditions of reading are ok) + '00'.
  - If a profit center is found and not equal to '00', C\_PACTIV = profit center else C\_PACTIV = 'ZZ10'.
  - C\_TECPARA in a concatenation of '10' & compcde & cwwe01 & pcompan & cwwe04 & shipid & cwwe03.
- If G\_CWWE10 is 13 C\_PACTIV and C\_TECPARA = 'MZ00'.
- If G\_CWWE10 is 15:
  - Determination of BFC Activity 1 (magnitu) with reading of internal table with data from DPCOPAD1 or DPCOPAE1 or DPCOPAG1 or DPCOPAC1. If in the first internal table, in function of the condition of reading, no data is found, we check in the next internal table.
  - C\_PACTIV = magnitu if at least one entry was found in an internal table. If not, C\_PACTIV = 'ZZ15'.
  - C\_TECPARA in a concatenation of '15' & compcde & cwwe01 & pcompan & cwwe04 & shipid & cwwe03.
- In all others values of G\_CWWE10: C\_PACTIV = '' and C\_TECPARA = 'OTHER'.

If the sign of the amount is negative, the amount is multiplied by - 1.

If currency is equal to the document currency, a read from internal table itb\_h\_conv\_currency created in start routine with module function ZFM\_BW\_CONVERT\_TO\_FOREIGN\_CURR to determine the Amount in document currency.

Company code PRS comes from master data C\_PCOMPAN (Partner Company).

If version is empty, the default value is '000'.

## IB\_COPA\_01 DBCOPA02

### Start routine

If transaction type = F or Z AND distribution channel is not empty AND material is not empty AND if bill\_type not dso AACOPA01R, the record is deleted.

If transaction type = B or C or D or E or G or H or I AND distribution channel is not empty AND material AND if value field is not present in master data global filter c\_glbflit (stream = C\_FIELDN, rule = RHODIA), the record is deleted.

Table: /BIC/PC\_GLBFLIT

EX	/BIC/C_STREA...	/BIC/C_RULE	/BIC/C_GLBFLIT	OBJVERS	CHANGED	/BIC/C_DESC	/BIC/C_SIGN	/BIC/C_OPTION	/BIC/C_LOW
	C_FIELDN	RHODIA	001 A				I	EQ	VVB00
	C_FIELDN	RHODIA	002 A				I	EQ	VVB10
	C_FIELDN	RHODIA	003 A				I	EQ	VVB20
	C_FIELDN	RHODIA	004 A				I	EQ	VVB30
	C_FIELDN	RHODIA	005 A				I	EQ	VVD00
	C_FIELDN	RHODIA	006 A				I	EQ	VVE00
	C_FIELDN	RHODIA	007 A				I	EQ	VVF00

### End routine

Delete data when GBU from subactivity is IN master data global filter c\_glbflit (stream = PAX, rule = GBU).

Table: /BIC/PC\_GLBFILT

↳	/BIC/C_STREA...	/BIC/C_RULE	/BIC/C_GLBFILT	OBJVERS	CHANGED	/BIC/C_DESC	/BIC/C_SIGN	/BIC/C_OPTION	/BIC/C_LOW	/BIC/C_HIGH	/BIC/C_ACTIVE
	PAX	GBU	001 A			GBU to exclu...	I	EQ	PM		Y
	PAX	GBU	002 A			GBU to exclu...	I	EQ	PX		Y
	PAX	GBU	003 A			GBU to exclu...	I	EQ	PV		Y
	PAX	GBU	004 A			GBU to exclu...	I	EQ	PY		Y

If it's not the case, if C\_TECPARA is not empty and if the GBU (CPFCTR1\_2) from TECPARA = GBU from CWWE01 AND if the scope from C\_COMPCDE is equal to the scope from C\_PCOMPAN then C\_INTGBUF (Intra GBU Flag) = 'Y'.

**IB\_COPA\_01 DBCOPA03**

Start routine

If transaction type = F or Z AND distribution chanel is not empty AND material is not empty AND if bill\_type = (ZSL2 or ZGL2 or ZSS4 or ZSS5), the record is deleted.

If transaction type = B or C or D or E or G or H or I AND if value field is not present in master data global filter c\_glbfil (stream = C\_FIELDN, rule = RHODIA), the record is deleted.

Table: /BIC/PC\_GLBFILT

↳	/BIC/C_STREA...	/BIC/C_RULE	/BIC/C_GLBFILT	OBJVERS	CHANGED	/BIC/C_DESC	/BIC/C_SIGN	/BIC/C_OPTION	/BIC/C_LOW
	C_FIELDN	RHODIA	001 A				I	EQ	VVB00
	C_FIELDN	RHODIA	002 A				I	EQ	VVB10
	C_FIELDN	RHODIA	003 A				I	EQ	VVB20
	C_FIELDN	RHODIA	004 A				I	EQ	VVB30
	C_FIELDN	RHODIA	005 A				I	EQ	VVD00
	C_FIELDN	RHODIA	006 A				I	EQ	VVE00
	C_FIELDN	RHODIA	007 A				I	EQ	VVF00

If transaction type = B or C or D or E or G or H or I AND distribution chanel is not empty AND material is not empty AND if value field is not present in master data global filter c\_glbfil (stream = C\_FIELDN, rule = RHODIA), the record is deleted.

Table: /BIC/PC\_GLBFILT

↳	/BIC/C_STREA...	/BIC/C_RULE	/BIC/C_GLBFILT	OBJVERS	CHANGED	/BIC/C_DESC	/BIC/C_SIGN	/BIC/C_OPTION	/BIC/C_LOW
	C_FIELDN	RHODIA	001 A				I	EQ	VVB00
	C_FIELDN	RHODIA	002 A				I	EQ	VVB10
	C_FIELDN	RHODIA	003 A				I	EQ	VVB20
	C_FIELDN	RHODIA	004 A				I	EQ	VVB30
	C_FIELDN	RHODIA	005 A				I	EQ	VVD00
	C_FIELDN	RHODIA	006 A				I	EQ	VVE00
	C_FIELDN	RHODIA	007 A				I	EQ	VVF00

End routine

If C\_TECMAT "Technical material" is not empty, take the GBU from master data C\_TECMAT.

If C\_TECPARA "Technical Partner Activity" is not empty, take the GBU from master data C\_TECPARA.

If the GBUs are te same (and not empty), AND if the scope from company code = scope from Partner Company, C\_INTGBUF (Intra GBU Flag) = 'X'.

If the GBUs are not te same (and not empty), C\_INTGBUF (Intra GBU Flag) = 'Y'.

If the cwwe01 (sub activity) is not empty and the GBU from Sub Activity is in master data global filter (stream = PAX, Rule = GBU), the data is deleted.

Table: /BIC/PC\_GLBFLT

	/BIC/C_STREA...	/BIC/C_RULE	/BIC/C_GLBFLT	OBJVERS	CHANGED	/BIC/C_DESC	/BIC/C_SIGN	/BIC/C_OPTION	/BIC/C_LOW	/BIC/C_HIGH	/BIC/C_ACTIVE
	PAX	GBU	001	A		GBU to exclu...	I	EQ	PM		Y
	PAX	GBU	002	A		GBU to exclu...	I	EQ	PX		Y
	PAX	GBU	003	A		GBU to exclu...	I	EQ	PV		Y
	PAX	GBU	004	A		GBU to exclu...	I	EQ	PY		Y

**IB\_COPA\_01 ABCOPA03**

Start routine

If transaction type = F or Z AND distribution chanel is not empty AND material is not empty AND if bill\_type not dso AACOPA01R, the record is deleted.

If transaction type = B or C or D or E or G or H or I AND if value field is not present in master data global filter c\_glbflt (stream = C\_FIELDN, rule = RHODIA), the record is deleted.

If transaction type = B or C or D or E or G or H or I AND distribution chanel is not empty AND material is not empty AND if value field is not present in master data global filter c\_glbflt (stream = C\_FIELDN, rule = RHODIA), the record is deleted.

Table: /BIC/PC\_GLBFLT

	/BIC/C_STREA...	/BIC/C_RULE	/BIC/C_GLBFLT	OBJVERS	CHANGED	/BIC/C_DESC	/BIC/C_SIGN	/BIC/C_OPTION	/BIC/C_LOW
	C_FIELDN	RHODIA	001	A			I	EQ	VVB00
	C_FIELDN	RHODIA	002	A			I	EQ	VVB10
	C_FIELDN	RHODIA	003	A			I	EQ	VVB20
	C_FIELDN	RHODIA	004	A			I	EQ	VVB30
	C_FIELDN	RHODIA	005	A			I	EQ	VVD00
	C_FIELDN	RHODIA	006	A			I	EQ	VVE00
	C_FIELDN	RHODIA	007	A			I	EQ	VVF00

End routine

If C\_TECMAT "Technical material" is not empty, take the GBU from master data C\_TECMAT.

If C\_TECPARA "Technical Partner Activity" is not empty, take the GBU from master data C\_TECPARA.

If the GBUs are te same (and not empty), AND if the scope from company code = scope from Partner Company, C\_INTGBUF (Intra GBU Flag) = 'X'.

If the GBUs are not te same (and not empty), C\_INTGBUF (Intra GBU Flag) = 'Y'.

If the cwwe01 (sub activity) is not empty and the GBU from Sub Activity is in master data global filter (stream = PAX, Rule = GBU), the data is deleted.

Table: /BIC/PC\_GLBFLT

	/BIC/C_STREA...	/BIC/C_RULE	/BIC/C_GLBFLT	OBJVERS	CHANGED	/BIC/C_DESC	/BIC/C_SIGN	/BIC/C_OPTION	/BIC/C_LOW	/BIC/C_HIGH	/BIC/C_ACTIVE
	PAX	GBU	001	A		GBU to exclu...	I	EQ	PM		Y
	PAX	GBU	002	A		GBU to exclu...	I	EQ	PX		Y
	PAX	GBU	003	A		GBU to exclu...	I	EQ	PV		Y
	PAX	GBU	004	A		GBU to exclu...	I	EQ	PY		Y

**IB\_COPA\_01 DBCOPA40**

End routine

Delete Data where calyear is equal to value in master data global filter (stream = PAX , rule = YEAR). If nothing found in master data global filter, the default year is 2019.

	/BIC/C_STREA...	/BIC/C_RULE	/BIC/C_GLBFLT	OBJVERS	CHANGED	/BIC/C_DESC	/BIC/C_SIGN	/BIC/C_OPTION	/BIC/C_LOW
	PAX	YEAR	001	A		Year for the ...	I	EQ	2019

If GBU from sub activity is not empty:

Delete data when GBU from subactivity is IN master data global filter c\_glbflt (stream = PAX, rule = GBU).

Table: /BIC/PC\_GLBFLT

	/BIC/C_STREA...	/BIC/C_RULE	/BIC/C_GLBFLT	OBJVERS	CHANGED	/BIC/C_DESC	/BIC/C_SIGN	/BIC/C_OPTION	/BIC/C_LOW	/BIC/C_HIGH	/BIC/C_ACTIVE
	PAX	GBU	001	A		GBU to exclu...	I	EQ	PM		Y
	PAX	GBU	002	A		GBU to exclu...	I	EQ	PX		Y
	PAX	GBU	003	A		GBU to exclu...	I	EQ	PV		Y
	PAX	GBU	004	A		GBU to exclu...	I	EQ	PY		Y

If it's not the case, if C\_TECPARA is not empty and if the GBU (CPFCTR1\_2) from TECPARA = GBU from CWWE01 then C\_INTGBUF (Intra GBU Flag) = 'X'.

If the GBUs are not te same (and not empty), C\_INTGBUF (Intra GBU Flag) = 'Y'.

If GBU from sub activity is empty, the data is deleted.

### DBCOPA02 DBCOPA02 & ABCOPA03 ABCOPA03 & DBCOPA03 DBCOPA03

Transformations on DBCOPA02 DBCOPA02 and ABCOPA03 ABCOPA03 are used to determine the flag intra gbu (C\_INTGBUF).

It compares the GBU ( 0g\_cwwe01\_\_cpfctr1\_2 for DBCOPA02 and c\_tecmat for ABCOPA03 and DBCOPA03) and the partner GBU ( c\_tecpara\_\_cpfctr1\_2).

It was not possible to use a technical Master Data to fill this requirement as the needed key (the keys that would permit to determine the combination GBU and partner GBU) would have been too long. These loadings are done only once a week.

### Datasources -> APDPDY01 ABDPDY01

Some rules exist, but not P&L flow, it's dynasis flow.

### Datasources APDPDY02 ABDPDY02

Some rules exist, but not P&L flow, it's dynasis flow.

### ABDPDY01 ABCOPA03

Expert routine

Source data from ABDPDY01 is sorted by logsys, /bic/c\_matnr2, /bic/c\_shipid, /bic/c\_distchn and calmonth. Then adjacent data are deleted (in function of: logsys, /bic/c\_matnr2, /bic/c\_shipid, /bic/c\_distchn, calmonth).

In function of data that remain, a select from dso abcopa03 is done and records found are added in the result package.

### ABDPDY02 ABCOPA03

Expert routine

Source data from ABDPDY02 is sorted by logsys, /bic/c\_matnr2, /bic/c\_shipid, /bic/c\_distchn. Then adjacent data are deleted (in function of: logsys, /bic/c\_matnr2, /bic/c\_shipid, /bic/c\_distchn).

In function of data that remain, a select from dso abcopa03 is done and records found are added in the result package.

### ADPSDAE01 ABCOPA03

### Expert routine

Source data from ADPSDAE01 is sorted by logsys, doc\_num, c\_itm\_a ( Order Line (SO+PO) - Aero ). Then adjacent data are deleted (in function of: logsys, doc\_num, c\_itm\_a).

In function of data that remain, a select from dso abcopa03 is done and records found are added in the result package.

### **ABCOPA03 ABCOPA01**

#### Start routine:

Internal tables ITB\_SPEC & ITB\_TARGET are filled with data comes from aDSO ABDPDY01.

#### End routine:

Fields Main Specification, Specification list, Program, Market, and Program percentage (/BIC/C\_SPECIDM, /BIC/C\_SPECCLIS, /BIC/C\_PROGID, /BIC/C\_MARKET, and /BIC/K\_PROGPER) are taken from ITB\_SPEC.

The key figures (G\_QVVA01, G\_QVVA04, AMOUNT, /BIC/K\_AMNTDC, and /BIC/K\_AMNTNDC) are then updated based on the Program percentage (/BIC/K\_PROGPER) using multiplication.

For all records in ITB\_TARGET, we check if an equivalent exists in the data loaded. If yes, the record is updated in DSO ABCOPA01, if no, the record is deleted.

If field C\_PROGID is empty, default value is 'N/A'.

### **ABCOPA03 ABCOPA04**

#### Start routine

Collect data in ITB\_SPEC from Dynasys ( ABDPDY01 ) and Aero ( ADPSDAE01 ) with a join on Source System (LOGSYS) & Main Specification ID (C\_SPECID).

If a record in source exists in ITB\_SPEC in function of LOGSYS, DOC\_NUMBER, C\_ITM\_A, C\_DISTCHN, C\_MATNR2, C\_SHIPID the record is deleted.

### **DBCOPA02 CRCOPA01 & DBCOPA03 CRCOPA02 & ABCOPA04 CRCOPA02**

#### Field routine

C\_PROLINE (product line) is determined from master data C\_MATCLS (Material Classificat) in function of C\_MATNR2 (material).

### **DBCOPA02 IB\_COPA\_03 & ABCOPA03 IB\_COPA\_03 & ABCOPA04 IB\_COPA\_03**

Before load data in DBCOPA18, DBCOPA19, DBCOPA20, DBCOPA21, DBCOPA22, DBCOPA23 transformation goes through infosource IB\_COPA\_03.

The idea is to have in one transformation TRSF: DBCOPA02 -> IB\_COPA\_03 / TRSF: ABCOPA03 -> IB\_COPA\_03 / TRSF: ABCOPA04 -> IB\_COPA\_03 same rules that will applied to the different targets.

▼ TRFN: DBCOPA02 -> IB_COPA_03	075LJDYI5LXW2ZPLK1G5UKO41Q8KFTQ5
▼ Integrated Margin - Business rules	IB_COPA_03
▼ TRFN: IB_COPA_03 -> DBCOPA18	0AMUKJDUXUQJFIO65G8OI8PAU490700C
▶ IM - RCS - IECRA NO LER NO TP	DBCOPA18
▼ TRFN: IB_COPA_03 -> DBCOPA19	0R4J44YT4RN9C07NQ5ESBKJ84Q52NXCZ
▶ IM - RCS - IECRA NO LER TP	DBCOPA19
▼ TRFN: IB_COPA_03 -> DBCOPA20	0N3QFYMSQHJ7YJ2TMZN61WU1NN2MR1M0
▶ IM - RCS - IECRA LER	DBCOPA20
▼ TRFN: IB_COPA_03 -> DBCOPA21	07JX9AWBTHNC4TRSORE09SLC6VWSA3IS
▶ IM - RCS - CDSA NO LER NO TP	DBCOPA21
▼ TRFN: IB_COPA_03 -> DBCOPA22	00SR0DL0P26X6IQIRABOPND9RLR8WV3O
▶ IM - RCS - CDSA NO LER TP	DBCOPA22
▼ TRFN: IB_COPA_03 -> DBCOPA23	0RJ1JWH0CGI691M0F7O16CCB5FURS3ZO
▶ IM - RCS - CDSA LER	DBCOPA23
▼ TRSF: ABCOPA03 -> IB_COPA_03	0B4JXR96N554HVFJHWH9K20D656HHA YM
▼ Integrated Margin - Business rules	IB_COPA_03
▼ TRFN: IB_COPA_03 -> DBCOPA18	0AMUKJDUXUQJFIO65G8OI8PAU490700C
▶ IM - RCS - IECRA NO LER NO TP	DBCOPA18
▼ TRFN: IB_COPA_03 -> DBCOPA19	0R4J44YT4RN9C07NQ5ESBKJ84Q52NXCZ
▶ IM - RCS - IECRA NO LER TP	DBCOPA19
▼ TRFN: IB_COPA_03 -> DBCOPA20	0N3QFYMSQHJ7YJ2TMZN61WU1NN2MR1M0
▶ IM - RCS - IECRA LER	DBCOPA20
▼ TRFN: IB_COPA_03 -> DBCOPA21	07JX9AWBTHNC4TRSORE09SLC6VWSA3IS
▶ IM - RCS - CDSA NO LER NO TP	DBCOPA21
▼ TRFN: IB_COPA_03 -> DBCOPA22	00SR0DL0P26X6IQIRABOPND9RLR8WV3O
▶ IM - RCS - CDSA NO LER TP	DBCOPA22
▼ TRFN: IB_COPA_03 -> DBCOPA23	0RJ1JWH0CGI691M0F7O16CCB5FURS3ZO
▶ IM - RCS - CDSA LER	DBCOPA23
▼ TRSF: ABCOPA04 -> IB_COPA_03	09XDBC453LSHWPU1JOL5VPJNFMNR3AYA
▼ Integrated Margin - Business rules	IB_COPA_03
▼ TRFN: IB_COPA_03 -> DBCOPA18	0AMUKJDUXUQJFIO65G8OI8PAU490700C
▶ IM - RCS - IECRA NO LER NO TP	DBCOPA18
▼ TRFN: IB_COPA_03 -> DBCOPA19	0R4J44YT4RN9C07NQ5ESBKJ84Q52NXCZ
▶ IM - RCS - IECRA NO LER TP	DBCOPA19
▼ TRFN: IB_COPA_03 -> DBCOPA20	0N3QFYMSQHJ7YJ2TMZN61WU1NN2MR1M0
▶ IM - RCS - IECRA LER	DBCOPA20
▼ TRFN: IB_COPA_03 -> DBCOPA21	07JX9AWBTHNC4TRSORE09SLC6VWSA3IS
▶ IM - RCS - CDSA NO LER NO TP	DBCOPA21
▼ TRFN: IB_COPA_03 -> DBCOPA22	00SR0DL0P26X6IQIRABOPND9RLR8WV3O
▶ IM - RCS - CDSA NO LER TP	DBCOPA22
▼ TRFN: IB_COPA_03 -> DBCOPA23	0RJ1JWH0CGI691M0F7O16CCB5FURS3ZO
▶ IM - RCS - CDSA LER	DBCOPA23

#### Start routine

Record are deleted if same record (in function of C\_PABELNR (COPA doc number), C\_PAPOSNR (COPA item number) and CO\_AREA (Controlling Area) exists in dso ABCOPA07.

Internal table itb\_glbfilt is created with values from master data global filter ( c\_glbfilt ) for STREAM = 'LER'.

Table: /BIC/PC\_GLBFILT

	/BIC/C_STREA...	/BIC/C_RULE	/BIC/C_GLBFILT	OBJVERS	CHANGED	/BIC/C_DESC	/BIC/C_SIGN	/BIC/C_OPTION	/BIC/C_LOW	/BIC/C_HIGH	/BIC/C...
	LER	0001	001	A		COMPANY IS...	I	BT	200401	299912	N
	LER	0005	001	A		COMPANY IS...	I	BT	200401	299912	N
	LER	0125	001	A		COMPANY IS...	I	BT	200401	299912	N
	LER	0128	001	A		COMPANY IS...	I	BT	200401	299912	N
	LER	0134	001	A		COMPANY IS...	I	BT	200401	299912	N
	LER	0143	001	A		COMPANY IS...	I	BT	200401	299912	N
	LER	0192	001	A		COMPANY IS...	I	BT	200401	299912	N
	LER	0210	001	A		COMPANY IS...	I	BT	200401	299912	N
	LER	0212	001	A		COMPANY IS...	I	BT	200401	299912	N

Internal table itb\_plant is created with values from master data Plant( c\_plant ) in function of logsys and where field C\_SORT2 (Search Term 2) = 'NDIR'.

End routine

A module function ZDETERMINE\_LER is used to determine C\_LERFLAG (Flag for LER) in function of itb\_plant and itb\_glbfil:

**DBCOPA03 -> IB\_COPA\_03**

Before load data in DBCOPA18, DBCOPA19, DBCOPA20, DBCOPA21, DBCOPA22, DBCOPA23 transformation goes through infosource IB\_COPA\_03.

The idea is to have in one transformation TRSF: DBCOPA03 -> IB\_COPA\_03 same rules that will applied to the different targets.

TRFN: DBCOPA03 -> IB_COPA_03	0NEHEJ60ASPVRRLZ2LT1JAMNFW5FSJPB
Integrated Margin - Business rules	IB_COPA_03
TRFN: IB_COPA_03 -> DBCOPA18	0AMUKJDUXUQJFIO65G8OI8PAU490700C
IM - RCS - IECRA NO LER NO TP	DBCOPA18
TRFN: IB_COPA_03 -> DBCOPA19	0R4J44YT4RN9C07NQ5ESBKJ84Q52NXCZ
IM - RCS - IECRA NO LER TP	DBCOPA19
TRFN: IB_COPA_03 -> DBCOPA20	0N3QFYMSQHJ7YJ2TMZN61WU1NN2MR1M0
IM - RCS - IECRA LER	DBCOPA20
TRFN: IB_COPA_03 -> DBCOPA21	07JX9AWBTHNC4TRSORE09SLC6VWSA3IS
IM - RCS - CDSA NO LER NO TP	DBCOPA21
TRFN: IB_COPA_03 -> DBCOPA22	00SR0DL0P26X6IQIRABOPND9RLR8WV3O
IM - RCS - CDSA NO LER TP	DBCOPA22
TRFN: IB_COPA_03 -> DBCOPA23	0R11JWH0CGI691M0F7O16CCB5FURS3ZO
IM - RCS - CDSA LER	DBCOPA23

Start routine

Internal table itb\_glbfil is created with values from master data global filter ( c\_glbfil ) for STREAM = 'LER'.

Table: /BIC/PC\_GLBFLT

	/BIC/C_STREA...	/BIC/C_RULE	/BIC/C_GLBFLT	OBJVERS	CHANGED	/BIC/C_DESC	/BIC/C_SIGN	/BIC/C_OPTION	/BIC/C_LOW	/BIC/C_HIGH	/BIC/C...
	LER	0001	001	A		COMPANY IS...	I	BT	200401	299912	N
	LER	0005	001	A		COMPANY IS...	I	BT	200401	299912	N
	LER	0125	001	A		COMPANY IS...	I	BT	200401	299912	N
	LER	0128	001	A		COMPANY IS...	I	BT	200401	299912	N
	LER	0134	001	A		COMPANY IS...	I	BT	200401	299912	N
	LER	0143	001	A		COMPANY IS...	I	BT	200401	299912	N
	LER	0192	001	A		COMPANY IS...	I	BT	200401	299912	N
	LER	0210	001	A		COMPANY IS...	I	BT	200401	299912	N
	LER	0212	001	A		COMPANY IS...	I	BT	200401	299912	N

Internal table itb\_plant is created with values from master data Plant( c\_plant ) in function of logsys and where field C\_SORT2 (Search Term 2) = 'NDIR'.

End routine

A module function ZDETERMINE\_LER is used to determine C\_LERFLAG (Flag for LER) in function of itb\_plant and itb\_glbflt.

**DBCOPA37 DBCOPA39**

**Start routine**

Fields LOGSYS, DOC\_NUM, DOC\_ITEM, CO\_AREA, C\_TYPCODE and CG\_CWWE02 (Sub-activity Target) from dso DBCOPA38 are stored in internal table ITB\_TRANSCO\_IECRA\_DOC.

Fields LOGSYS, C\_COMPCDE, C\_PLANT, C\_PAYER, G\_CWWE01 (Sub-Activity) and CG\_CWWE02 (Sub-activity Target) from dso DBCOPA38 are stored in internal table ITB\_TRANSCO\_IECRA .

**Field routine**

OG\_CWWE01 (Sub-activity):

Check if we have data in internal table ITB\_TRANSCO\_IECRA\_DOC in function of fields LOGSYS, DOC\_NUM, DOC\_ITEM, CO\_AREA and for C\_TYPCODE = 'COPA'. If record found, OG\_CWWE01 = CG\_CWWE02 from ITB\_TRANSCO\_IECRA\_DOC.

If nothing found, check in table if we have data in internal table ITB\_TRANSCO\_IECRA in function of fields LOGSYS, C\_COMPCDE, C\_PLANT, G\_CWWE01 for C\_PAYER empty. If record found, OG\_CWWE01 = CG\_CWWE02 from ITB\_TRANSCO\_IECRA.

If nothing found, check in table if we have data in internal table ITB\_TRANSCO\_IECRA in function of fields LOGSYS, C\_COMPCDE, G\_CWWE01 for C\_PAYER and C\_PLANT empty. If record found, OG\_CWWE01 = CG\_CWWE02 from ITB\_TRANSCO\_IECRA.

If nothing found, keep G\_CWWE01 from DBCOPA37.

**ABCOPA01 -> IB\_COPA\_07 & DBCOPA23 -> CRCOPA15 & DBCOPA18 -> CRCOPA16 & DBCOPA19 -> CRCOPA17 & DBCOPA40 -> CRCOPA29 & ABCOPA01 -> CRCOPA31**

**Start routine**

Internal table itb\_glbflt is created with values from master data global filter ( c\_glbflt ) for STREAM = 'LER'.

Table: /BIC/PC\_GLBFLT

/BIC/C_STREA...	/BIC/C_RULE	/BIC/C_GLBFLT	OBJVERS	CHANGED	/BIC/C_DESC	/BIC/C_SIGN	/BIC/C_OPTION	/BIC/C_LOW	/BIC/C_HIGH	/BIC/C...
LER	0001	001	A		COMPANY IS...	I	BT	200401	299912	N
LER	0005	001	A		COMPANY IS...	I	BT	200401	299912	N
LER	0125	001	A		COMPANY IS...	I	BT	200401	299912	N
LER	0128	001	A		COMPANY IS...	I	BT	200401	299912	N
LER	0134	001	A		COMPANY IS...	I	BT	200401	299912	N
LER	0143	001	A		COMPANY IS...	I	BT	200401	299912	N
LER	0192	001	A		COMPANY IS...	I	BT	200401	299912	N
LER	0210	001	A		COMPANY IS...	I	BT	200401	299912	N
LER	0212	001	A		COMPANY IS...	I	BT	200401	299912	N

Internal table itb\_plant is created with values from master data Plant( c\_plant ) in function of logsys and where field C\_SORT2 (Search Term 2) = 'NDIR'.

End routine

A module function ZDETERMINE\_LER is used to determine C\_LERFLAG (Flag for LER) in function of itb\_plant and itb\_glbflt.

**Solvay**

**ZZCON\_ACT Solvay -> DPCOPA23**

Start routine

Variable w\_firstyearper is filled with record from master data global filter (c\_glbflt) for rule INIT\_PER and stream PL\_SOLV. Variable splitted in two to have w\_firstyear with the year and w\_firstfper with the period

/BIC/C_STREA...	/BIC/C_RULE	/BIC/C_GLBFLT	OBJVERS	CHANGED	/BIC/C_DESC	/BIC/C_SIGN	/BIC/C_OPTION	/BIC/C_LOW
PL_SOLV	INIT_PER	001	A		First fiscal ye...	I	EQ	2018001

If source record where field gjahr (fiscal year) < w\_firstyear AND perde (Period) < w\_firstfper, the data is deleted.

Field routine

Because of limitation on number of primary keys in DSO, some fields are concatenated to allow to have unique records:

- C\_ORGKEY2 = conctenation of BUKRS (CoCode) + GSBER (Bus. Area) + VKBUR (Sales Off.)
- C\_MATKEY2 = conctenation of ARTNR (Product) + MVGR1 (Ind.Or.) + PRCTR (Profit Ctr) + SPART (Division) + WERKS (Plant)
- C\_CUSKEY2 = conctenation of CONSIGNEE (Customer) + KNDNR (Customer) + KUNRG (Payer) + KUNWE (Ship-To) + LAND1 (Country) + VKGRP (Sales Grp) + VSBED (Shp.Cond.) + ZZINTMAK (Inter mark) + ZZINTMAKD (Intr mkt d).
- C\_KEY01 = conctenation of INCO1 (Incoterms) + INCO2 (Inco. 2) + MVGR2 (PckType) + MVGR3 (Qual.) + SD\_DIVISION (Sales order division) + WWACT (Activity1) + WWERK (Orig Plant) + ZTERM (Pmnt Terms)
- C\_KEY02 = conctenation of KAUFN (Sales Ord.) + KDPOS (SO item) + VKORG (Sales org.) + VTWEG (Distr. Chl) + WWPIF (PIF code)

CO\_AREA (Controlling Area) = 'CHEF'

**DPCOPA15DBCOPA29**

Start routine

Internal table itb\_dd03l loaded from table DD03L with tablename = DPCOPA15.

Source data with Curr type not equal to 10 are deleted.

A loop is done in itb\_dd03l,

if field name is equal to K\_AABSMG (Sales quantity): g\_qvva01 (qty invoice) is filled from itb\_dd03l, c\_fieldn (value field) = ' QUANTITY ', amount and g\_qvva04 (Qty unit base) = 0.

If field name is equal to K\_VVQRU (QRU Qty report. Unit): g\_qvva04 (Qty unit base) is filled from itb\_dd03l, c\_fieldn (value field) = ' QUANTITY ', amount and g\_qvva01 (qty invoice) = 0.

In other cases, amount is filled from itb\_dd03l.

## DBCOPA29 -> DBCOPA30

### Start routine

Source data with Curr type not equal to 10 are deleted.

Internal table itb\_dpcopa14 is filled from DSO dpcopa14 where c\_bffam = 'BF' AND c\_bfschem = 'SA0' AND c\_bforig = 'O' AND co\_area = 'FO01' AND D validto = '99991231'.

Internal table itb\_glbfilt is filled from master data c\_glbfilt where c\_stream = 'C\_FIELDN' AND c\_rule = 'AMOUNTDC' AND c\_active = 'Y'.

Internal table itb\_fieldn is filled from master data c\_fieldn for all entries in itb\_glbfilt.

Internal table itb\_dpsdso06 is filled from DSO dpsdso06 where docnumb = doc\_number from source AND c\_cndtyp2 = 'R409'.

### End routine

If C\_FIELDN is present in internal table itb\_fieldn, and if the currency is not the same as document currency, module function ZFM\_BW\_CONVERT\_TO\_FOREIGN\_CURR is used to convert the amount from local to document currency in internal table itb\_h\_conv\_currency.

If in internal table itb\_dpcopa14 a record is found and if source field c\_wwsat (Activity(OECD)) is not empty, the sign is taken from itb\_dpcopa14 and if the sign is equal to "-", the amount in source is multiplied by -1.

If in internal table itb\_fieldn a record is found and if the currency is not equal to the document currency, we take the amount converted from itb\_h\_conv\_currency.

A read of internal table with data from dpsdso06 is done to populate field c\_cndtyp2 with c\_cndtyp2 from dpsdso06.

## DBCOPA30 -> TRCS IB\_COPA\_06

### Start routine

Data is deleted if GBU in source is not present in master data global filter (C\_GLBFIL) for stream = COPA and rule = DBCOPA35.

Table: /BIC/PC\_GLBFIL

	/BIC/C_STREA...	/BIC/C_RULE	/BIC/C_GLBFIL	OBJVERS	CHANGED	/BIC/C_DESC	/BIC/C_SIGN	/BIC/C_OPTION	/BIC/C_LOW	/BIC/C_HIGH	/BIC/C_ACTIVE
	COPA	DBCOPA35	001	A		Period for DBCOPA35 update	I	BT	202306	202307	Y
	COPA	DBCOPA35	002	A		Company Code list for DBCOPA35 up...	I	EQ	5726/5785/56...		Y
	COPA	DBCOPA35	003	A		GBU List for the DBCOPA35 Update	I	EQ	CS/PA/SI/CH/TS		Y

Function module Z\_CROSS\_SYSTEM\_MATERIAL is used to determine the cross system material

If a WP1(Rhodia) Material exists:

For each entry, find Manufacturing Plant in C\_BATCH and check if it exists for source Batch and WP1 Material

If Batch is a dead and if Industrial Origin is initial the data is deleted, else the data is kepted.

If it's not a material cross syetm, the data is deleted.

## DBCOPA30 CRCOPA22

### Field routine

C\_PROLINE (product line) is determined from master data C\_MATCLS (Material Classificat) in funciton of C\_MATNR2 (material).

## UPIS

### DTS\_DPCOPA04\_0001 DPCOPA04

#### Key figures in summation

#### Field routine

Currency = EUR

CPFCTR1\_3 (BFC GBU (Resp.)) = 2 characters after the first 25 from field c\_low in master data C\_GLBFILT for stream 'UPIS', rule 'FF\_DATA', and C\_GLBFILT = 1:

Table: /BIC/PC_GLBFILT											
	/BIC/C_STREA...	/BIC/C_RULE	/BIC/C_GLBFI...	OBJVERS	CHANGED	/BIC/C_DESC	/BIC/C_SIGN	/BIC/C_OPTION	/BIC/C_LOW	/BIC/C_HIGH	/BIC/C_ACTIVE
	UPIS	FF_DATA	001 A			Input filename for ZBW_FL_1CP_STOCKMARGIN program	I	EQ	/exploit/BW/PandL/202303_CT_R15430_Stock_Margin_Elm.csv		Y

### DPCOPA04 -> DBCOPA17

#### Key figures in summation

#### Field routine

C\_MGNACC (Magnitude Account) = R15430

C\_MGN\_ACC (Magnitude account) = R15430

C\_PCOMPRS = Attribute from master data C\_COMPCDE

C\_COMPPRS = Attribute from master data C\_COMPCDE

K\_AMNTEUR = K\_AMNTEUR \* 1000

K\_AMTMEUR = K\_AMTMEUR \* 1000

K\_AMTM1EU = K\_AMTM1EU \* 1000

VTYPE = 10

### DBCOPA17 CRCOPA21

#### Field routine

C\_PROLINE (product line) is determined from master data C\_MATCLS (Material Classificat) in fonction of C\_MATNR2 (material).

## BFC

### DTS\_BFC\_PL\_0001 DPCOPA02

#### Start routine

Module function RSDRD\_SEL\_DELETION is used to make a selective deletion on DSO DPCOPA02 to delete the data in function of calmonths present in source package.

Currency = EUR

### DPCOPA02 IB\_COPA\_02

Before load data in DBCOPA04, DBCOPA05, DBCOPA06, DBCOPA07, DBCOPA11, DBCOPA12 transformation goes through infosource IB\_COPA\_02.

TRFN: DPCOPA02 -> IB_COPA_02	0F5MMW8CHIGJES
Profitability Analysis: BFC - Business rules	IB_COPA_02
TRFN: IB_COPA_02 -> DBCOPA04	0TN95CNY5TYDN
BFC - P&L - Version 1: Total P&L	DBCOPA04
TRFN: IB_COPA_02 -> DBCOPA05	0SWJHT6AYUTK7
BFC - P&L - Version 2: Interco Sales	DBCOPA05
TRFN: IB_COPA_02 -> DBCOPA06	0K8ZHN1PF3F95D
BFC - P&L - Version 3: Third Party	DBCOPA06
TRFN: IB_COPA_02 -> DBCOPA07	02R1P5SSU0AJSU
BFC - P&L - No Version	DBCOPA07
TRFN: IB_COPA_02 -> DBCOPA11	0B53JV9IDL2JA3R
NON-ERP - Below Gross Margin (BFC)	DBCOPA11
TRFN: IB_COPA_02 -> DBCOPA12	0GZ5PLSJ4XLSFE5
CICC & Adjustment companies - P&L - Data	DBCOPA12

Start routine

Internal tables filled used in end routine.

End routine

c\_bfcnat = c\_natmag(1)

If company = '005720' AND calmonth < '201501' the c\_comprs = '5720'.

Else the C\_COMPPRS comes from master data C\_COMPPRS (with C\_LANDSCP (landscape) = 'CICC') in function of the company.

Else C\_COMPPRS comes from master data C\_GLBFLT with stream BFC\_COMP.

/BIC/C_STREA...	/BIC/C_RULE	/BIC/C_GLBFLT	OBJVERS	CHANGED	/BIC/C_DESC	/BIC/C_SIGN	/BIC/C_OPTION	/BIC/C_LOW
BFC_COMP	010002		001 A		BFC company assignment to comp...	I	EQ	NPRE
BFC_COMP	051380		003 A		BFC company assignment to comp...	I	EQ	NPRE
BFC_COMP	090431		004 A		BFC company assignment to comp...	I	EQ	NPRE
BFC_COMP	091110		005 A		BFC company assignment to comp...	I	EQ	NPRE
BFC_COMP	001111		006 A		BFC company assignment to comp...	I	EQ	NPRE

Else, default value for C\_COMPPRS is 'NPRE'.

If c\_pactiv and pcompany and c\_mvzca are empty c\_versn2 = 'FC1'.

Else if c\_pactiv is not empty AND pcompany is empty AND c\_mvzca (Sales Types) is empty AND c\_azone is not empty.

    If a value linked to C\_MGNACC is present in master data global filter for stream 'C\_MGN\_ACC' and rule = 'BFC'. And if it's not empty, C\_VERSN2 = 'FC2'.

Else if c\_pactiv is not empty AND c\_mvzca (Sales Types) is empty AND C\_dstctry is not empty.

    If a value linked to C\_MGNACC is present in master data global filter for stream 'C\_MGN\_ACC' and rule = 'BFC'. And if it's not empty, C\_VERSN2 = 'FC3'.



Table: /BIC/PC\_GLBFLT

↳	/BIC/C_STREA...	/BIC/C_RULE	/BIC/C_GLBFLT	OBJVERS	CHANGED	/BIC/C_DESC	/BIC/C_SIGN	/BIC/C_OPTION	/BIC/C_LOW	/BIC/C_HIGH	/BIC/C_ACTIVE
	C_MGN_ACC	BFC		001 A			I	EQ	N8110		Y
	C_MGN_ACC	BFC		002 A			I	EQ	R10000	R11500	Y
	C_MGN_ACC	BFC		003 A			I	EQ	R10600		N
	C_MGN_ACC	BFC		004 A			I	EQ	R11000		N
	C_MGN_ACC	BFC		005 A			I	EQ	R11200		N
	C_MGN_ACC	BFC		006 A			I	EQ	R11300		N
	C_MGN_ACC	BFC		007 A			I	EQ	R11400		N
	C_MGN_ACC	BFC		008 A			I	EQ	R11500		N

c\_mgn\_acc =c\_mgnacc.

The key figures ( k\_amtm1 , k\_amtm, deb\_cre\_lc) are multiplied by 10 if currencies are KRW or JPY or CLP.

Multiplied by 10000 if currency is IDR.

Multiplied by 1000 for others currencies.

If C\_COMPPRS is present in master data C\_COMPPRS for landscape CICC AND IF the CSMTEH from c\_compprs = 10 or 30 AND IF the record loaded is on the validity period from c\_compprs C\_FLCICC (Flag CICC) = 'X'.

If c\_azone = 'AMNC', c\_zone = 'NA'.

If c\_azone = 'AMSU', c\_zone = 'LA'.

If c\_azone = 'ASIA', c\_zone = 'AP'.

If c\_azone = 'EUR', c\_zone = 'EU'.

c\_intgbu2 = cpfctr1\_2

If c\_pactiv is not empty, cpfctr1\_2 is equal to cpfctr1\_2 from master data C\_MAGNITU.

The key figures ( K\_AMTM, K\_AMTM1, K\_CAMTM, K\_CAMTM1, K\_CONSOL, DEB\_CRE\_LC) are multiplied by -1 if C\_FLOW = FF99EX.

### IB\_COPA\_02 -> DBCOPA04

#### Start routine

Data with c\_versn2 <> 'FC1' are deleted.

### IB\_COPA\_02 -> DBCOPA05

#### Start routine

Data with c\_versn2 <> 'FC2' are deleted.

### IB\_COPA\_02 -> DBCOPA06

#### Start routine

Data with c\_versn2 <> 'FC3' are deleted.

## IB\_COPA\_02 -> DBCOPA07

### Start routine

Data with c\_versn2 = 'FC1' or 'FC2' or 'FC3' are deleted.

## IB\_COPA\_02 -> DBCOPA12

### Start routine

Delete data if:

Data with c\_versn2 <> 'FC1'

or

c\_flgicc <> 'X' AND company not in master data global filter (Stream = 'PL\_BFC\_ADJ' and Rule = 'COMPANY')

or

c\_flgicc = 'X' AND c\_natmag <> '0LIA01'

or

c\_flgicc <> 'X' AND c\_natmag not in master data global filter (Stream = 'PL\_BFC\_ADJ' and Rule = 'NATMAG')

Table: /BIC/PC\_GLBFLT

EN	/BIC/C_STREA...	/BIC/C_RULE	/BIC/C_GLBFLT	OBJVERS	CHANGED	/BIC/C_DESC	/BIC/C_SIGN	/BIC/C_OPTION	/BIC/C_LOW	/BIC/C_HIGH	/BIC/
	PL_BFC_ADJ	COMPANY	001 A			Companies to integrate in P&L flow Adjustements companies	I	EQ	010002		Y
	PL_BFC_ADJ	NATMAG	001 A			BFC nature for P&L flow Adjustements companies	I	EQ	1RET90		Y

Module function Z\_WBW\_SOURCE\_SYSTEM is executed to retrieve the source system CICC.

### Field routine

logsys: if c\_flgicc = 'X', the logsys is the CICC source system, if not it's the source system associated to the company code PRS.

## NON-ERP

## DTS\_DPCOPA03\_0001 PC\_FILE -> DPCOPA03

### Start routine

All key figures are summed in function of primary keys: logsys, calmonth, c\_company, c\_magnitu, c\_plant, profit\_ctr, c\_wrk02, c\_shipid, c\_soldid, c\_pcompan, c\_pactiv, c\_matnr2, doc\_currcy, g\_uvva01.

## DPCOPA03 -> DBCOPA09

### Start routine

Internal table itb\_dd03l loaded from table DD03L with tablename = DPCOPA03.

C\_WRK02ID = C\_PRPLANT from master data C\_MATPNT2.

Inside a loop in source package, another loop is done in itb\_dd03l,

If field is equal to '/BIC/K\_N8110'

c\_mgn\_acc = 'N8110'.  
amount = 0.  
k\_amntdc = 0.

If field is equal to '/BIC/K\_AMNTDC'

c\_mgn\_acc = 'R10000'.  
g\_qvva01 = 0.  
amount = 0.

If field is equal '/BIC/K\_R11XXX'

c\_mgn\_acc = 'R11200'.  
g\_qvva01 = 0.  
k\_amntdc = 0.

If field is equal '/BIC/K\_R26XXX'

c\_mgn\_acc = 'R26152'.  
g\_qvva01 = 0.  
k\_amntdc = 0.

Others cases:

g\_qvva01 = 0.  
k\_amntdc = 0.

## Field routine

C\_GRCUST (SAP Customer Corp. Group (PRS)) = C\_GRCUST from DPCOPA06 in function of LOGSYS and C\_SHIPID. If nothing found in DPCOPA06 AND LOGSYS of record = 'NERP001' C\_GRCUST = 'GRCL999999'.

C\_GBUZONE (GBU Spec. zone (ship-to)): If C\_SHIPID is not empty, read master data C\_CUSTID in function of LOGSYS and C\_SHIPID, if a result is found, C\_GBUZONE = COUNTRY from C\_CUSTID.

CPFCTR1\_2 (BFC Global Business Unit): If C\_MAGNITU is not empty, read master data C\_MAGNITU in function of LOGSYS and C\_MAGNITU, if a result is found, CPFCTR1\_2 = CPFCTR1\_2 from C\_MAGNITU.

C\_ZONE (BFC Geographie/Zone): If C\_SHIPID is not empty, read master data C\_CUSTID in function of LOGSYS and C\_SHIPID, if a result is found, C\_GBUZONE = ZONE from C\_CUSTID.

OCOUNTRY (Country key): If C\_SHIPID is not empty, read master data C\_CUSTID in function of LOGSYS and C\_SHIPID, if a result is found, C\_GBUZONE = COUNTRY from C\_CUSTID.

## DBCOPA09 -> DBCOPA10

### Field routine

Version = 000

VTYPE = 10

C\_PROD comes from master data C\_MATNR2.

C\_MAGNITU2 (BFC Activity 1): If GBU from master data CPFCTR1\_2 found in function of C\_MAGNITU = CS, C\_MAGNITU2 = C\_MAGNITU (from source package), else c\_magnitu2 is empty.

### End routine

doc\_date and pstng\_date are determined with module function 'SLS\_MISC\_GET\_LAST\_DAY\_OF\_MONTH'

If company = '005720' AND calmonth < '201501', the c\_compprs = '5720'.

Else the C\_COMPPRS comes from master data C\_COMPPRS in function of the company prs.

Else C\_COMPPRS = 'NPRS'.

If c\_pcompan = '005720' AND calmonth < '201501', the c\_compprs = '5720'.

Else the C\_COMPPRS comes from master data C\_PCOMPAN in function of the partner company.

Else C\_COMPPRS = 'NPRS'.

If c\_magnitu is not empty. Check in master data C\_MAGNITU if a record is found in function of source field C\_MAGNITU. If yes, CPFCTR1\_2 = CPFCTR1\_2 from C\_MAGNITU.

If c\_pactiv is not empty. Check in master data C\_MAGNITU if a record is found in function of source field C\_PACTIV. If yes, C\_INTGBU2 = CPFCTR1\_2 from C\_MAGNITU.

If c\_pfctr1\_2 = 'CS', c\_entseg & c\_entseg2 come from DSO AASDSO09.

c\_zoneh1 & c\_zoneh2 come from master data c\_gbuzone.

If c\_zone & c\_gbuzone are empty, they are filled with zone and country from master data C\_COMPPRS (in function of c\_compprs zone).

If c\_gzone is empty, she is filled with c\_gzone from c\_country filled with country from master data COUNTRY (in function of c\_compr country).

## IB\_COPA\_02 -> DBCOPA11

Start routine

Data is deleted when c\_versn2 <> 'FC1' OR c\_natmag <> '0LIA01' OR (two first characters of c\_mgn\_acc <> 'R3' AND <> 'R4' AND <> 'R5').

Data from dpcopa03 are stored in inetrnal table in funciton of calmonth defined in table TVARVC (name = 'Z\_PL\_CALMONTH') and where c\_fullff is empty.

Name	O.	Lower limit	Upper limit
Z_PL_CALMONTH	1	202306	202307

For the couple of company and motnh from source data, if an equivalent exist in the internal table with data from dpopa03, the source data is deleted.

DBCOPA10 -> CRCOPA09

Field routine

C\_PROLINE (product line) is determined from master data C\_MATCLS (Material Classificat) in funciton of C\_MATNR2 (material).

## DBCOPA10 -> CRCOPA09

Field routine

C\_PROLINE (product line) is determined from master data C\_MATCLS (Material Classificat) in funciton of C\_MATNR2 (material).

C\_PROD comes from master data C\_MATNR2.

C\_PFCTR1\_2: If C\_MAGNITU is not empty, read master data C\_MAGNITU in function of LOGSYS and C\_MAGNITU, if a result is found, CPFCTR1\_2 = CPFCTR1\_2 from C\_MAGNITU.