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.

Technicals 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 assing 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 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	09GHZRBDBE2UC1TWY7VUAEKK8J9DVRJ9
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 excahnge 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 Actvity" 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 wwas 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 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 distribution chanel is not empty AND material AND if value field is not present in master data global filter c_glbfilt (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

Delete data when GBU from subactivity is IN master data global filter c_glbfilt (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_glbfilt (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_glbfilt (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_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

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_glbfilt (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_glbfilt (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_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

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_GLBFILT	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_glbfilt (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 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_SPECLIS`, `/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 funciton 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 funciton 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	0B4JXR96N554HVFJHWH9K20D656HHAYM
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 funciton 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'.

Data Browser: Table /BIC/PC_GLBFILT Select Entries 108

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_glbfilt:

DBCOPA03 -> IB_COPA_03

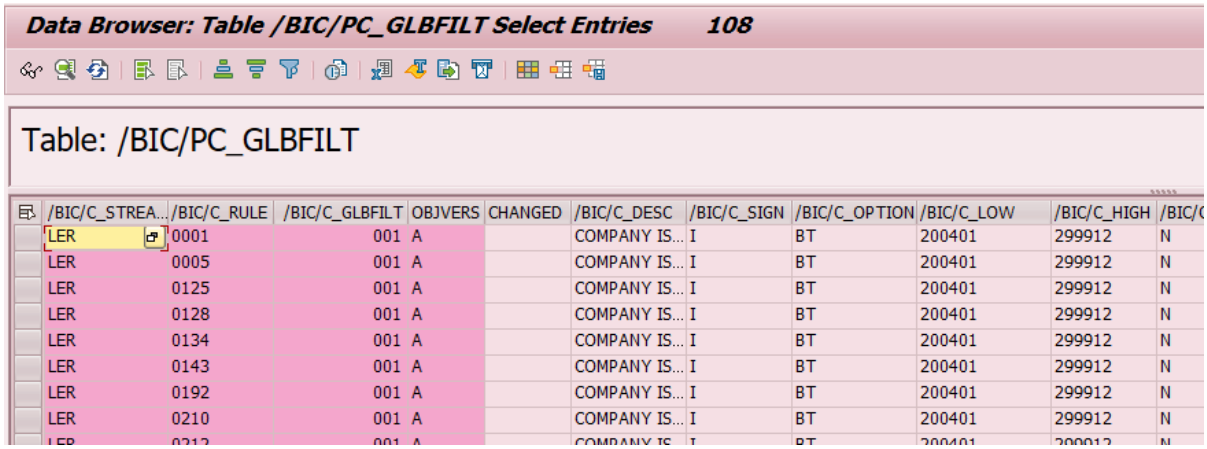
Before load data in DBCOPA18, DBCOPA19, DBCOPA20, DBCOPA21, DBCOPA22, DBCOPA23 transformation goes through infosource IB_COPA_03.

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	0RJ1JWH0CGI691M0F7O16CCB5FURS3ZO
IM - RCS - CDSA LER	DBCOPA23

Start routine

Internal table itb_glbfilt is created with values from master data global filter (c_glbfilt) for STREAM = 'LER'.



Data Browser: Table /BIC/PC_GLBFILT Select Entries 108

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_glbfilt.

DBCOPA37 DBCOPA39

Start routine

Fields LOGSYS, DOC_NUM, DOC_ITEM, CO_AREA, C_TYPDOC 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

0G_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_TYPDOC = 'COPA'. If record found, 0G_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, 0G_CWWE01 = CG_CWWE02 from ITB_TRANSCO_IECRA.

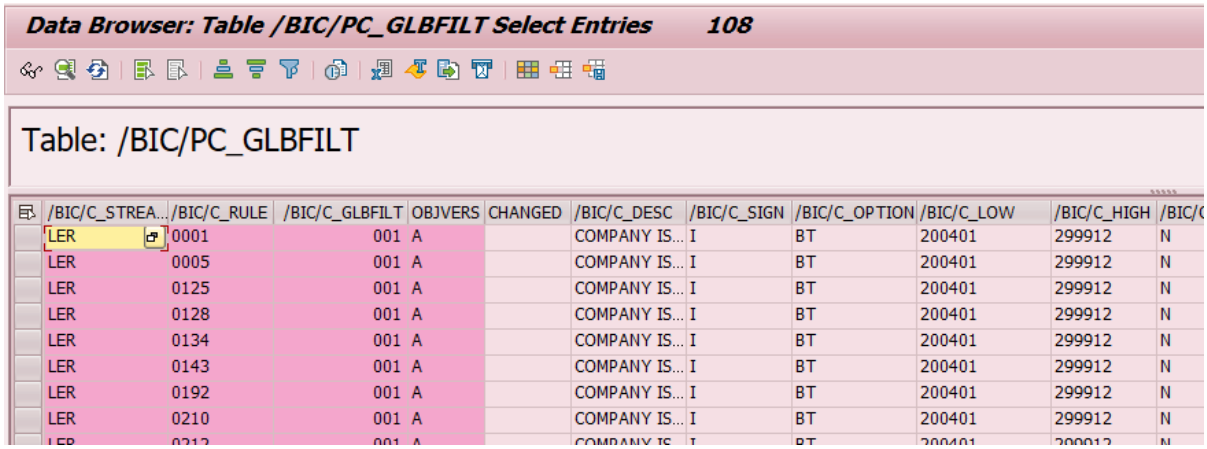
If nothing found, check in table if we have data in internal table ITB_TRANSCO_IECRA in function of fields LOGSYS, C_COMPCDE, G_CWWE01 for C_PAYER and C_PLANT empty. If record found, 0G_CWWE01 = CG_CWWE02 from ITB_TRANSCO_IECRA.

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_glbfilt is created with values from master data global filter (c_glbfilt) for STREAM = 'LER'.



Data Browser: Table /BIC/PC_GLBFILT Select Entries 108

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_glbfilt.

Solvay

ZZCON_ACT Solvay -> DPCOPA23

Start routine

Variable w_firstfyearper is filled with record from master data global filter (c_glbfilt) for rule INIT_PER and stream PL_SOLV. Variable splitted in two to have w_firstfyear with the year and w_firstfper with the period

/BIC/C_STREA...	/BIC/C_RULE	/BIC/C_GLBFILT	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_firstfyear AND perde (Period) < w_firstfper, the data is deleted.

Field routine

Because of limitation on number of primary keys in DSO, some fields are concatened 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 tabname = 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, amout 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' AN 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 fromDSO 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_GLBFILT) for stream = COPA and rule = DBCOPA35.

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
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 keepted.

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_FI_1CP_STOCKMARGIN program	I	EQ	/exploit/BW/PandL/202303_CT_R15430_Stock_Margin_Elim.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 funciton 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	0F5MMW8CHIGJE9
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_compprs = '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_GLBFILT with stream BFC_COMP.

/BIC/C_STREA...	/BIC/C_RULE	/BIC/C_GLBFILT	OBJVERS	CHANGED	/BIC/C_DESC	/BIC/C_SIGN	/BIC/C_OPTION	/BIC/C_LOW
BFC_COMP	010002	001	A		BFC company assignment to compprs...	I	EQ	NPRE
BFC_COMP	051380	003	A		BFC company assignment to compprs...	I	EQ	NPRE
BFC_COMP	090431	004	A		BFC company assignment to compprs...	I	EQ	NPRE
BFC_COMP	091110	005	A		BFC company assignment to compprs...	I	EQ	NPRE
BFC_COMP	091111	006	A		BFC company assignment to compprs...	I	EQ	NPRE

Else, default value for C_COMPPRS is 'NPRE'.

If c_pactiv and pcompany and c_mvtca are empty c_versn2 = 'FC1'.

Else if c_pactiv is not empty AND pcompany is empty AND c_mvtca (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_mvtca (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'.

Data Browser: Table /BIC/PC_GLBFILT Select Entries 8

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
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_flcicc <> 'X' AND company not in master data global filter (Stream = 'PL_BFC_ADJ' and Rule = 'COMPANY')

or

c_flcicc = 'X' AND c_natmag <> '0LIA01'

or

c_flcicc <> 'X' AND c_natmag not in master data global filter (Stream = 'PL_BFC_ADJ' and Rule = ' NATMAG')

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/
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 retreive the source system CICC.

Field routine

logsys: if c_flcicc = 'X', the logsys is the CICC source system, if not it's the source system assoctaed 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 tabname = 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.

0COUNTRY (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_MAGNIT2 (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_compprs 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	[]	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.