

# QV - Forecast Accuracy for Global Supply Chain Dashboard - All except CM (Aero) !\ Obsolete !\



The new wiki link for this data flow is here:

[QV - Forecast Accuracy for Global Supply Chain Dashboard - All except CM \(Aero\)](#)

Please update the new doc there and no longer here.



The objective of this documentation is not to allow to recreate from scratch the object but to **explain everything that is not obvious** by looking directly at the query/workbook or **emphases on things that are important** for the report to work.

Remove the sections that are not relevant.

Description	BW - DP - Forecast Accuracy (QV query)
Technical Name	QV_BW_QRY_MVDYN11_0005
Application	DP - Demand Planning
Info-provider	MVDYN11
Usage type	Used for QV application
Expected users	

- Workbook/Query General Description
- General parameters
  - Global properties
  - Variables
    - Definitions
  - Variable Sequence
- Filters
- Key figures
  - Key Figure 1
    - Description
    - Calculation rule detail
    - Text Replacement Variable
    - Currency Conversion
    - Unit Conversion
- Characteristics
- If you have 2 structures and special cells calculations, explain here. Cells
- Conditions
- Exceptions

## Workbook/Query General Description




This query is a copy of initial BW - DP - Forecast Accuracy (Core query) - BW\_QRY\_MVDYN11\_0005

It was first created for QV application (Global Supply Chain Dashboard), now it is used for Tableau

To access QV : [qlikview.solvay.com](http://qlikview.solvay.com) => Applications Global Supply Chain Dashboard will be accessible up to 2023 July 31th

To access Tableau : <https://tableau.solvay.com> => Global Supply Chain Dashboard here

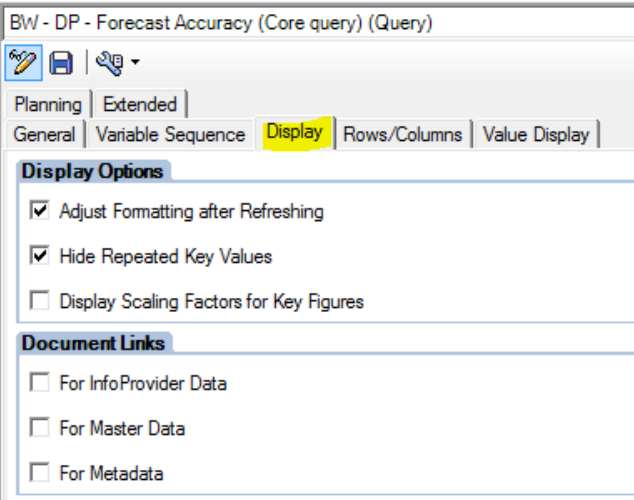
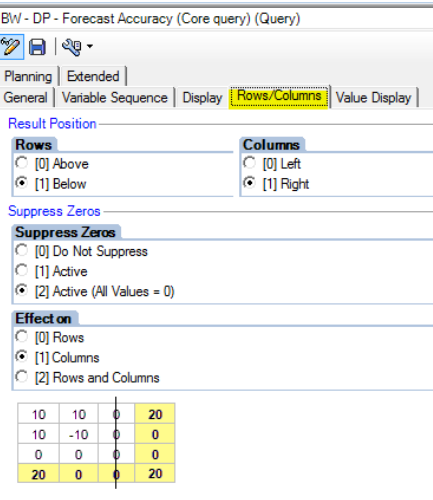
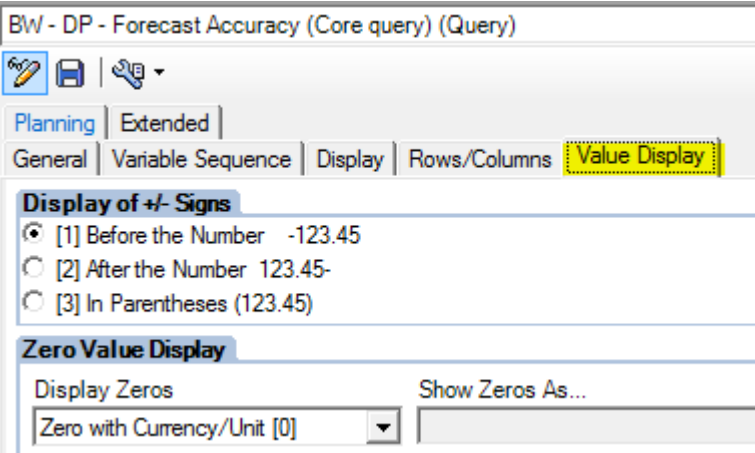
Documentation for GSC Dashboard => [wiki](#) / [Training deck](#) highlighting the changes here / [Video recording](#) of one of training sessions there

Demand Planning - Forecast Accuracy		
 DynaSys DP Export time	 BW Reports Refresh Time	 QV CRM Analytics Dashboard Refresh time
03:00 to 05:00 am on Weekdays	Every 6th from 06:00 -> 10 am CET	Every 7th at 1 am

See document for updates, tab "Summary Export/Refresh time"

## General parameters

# Global properties

Tab	Screenshot	Comment
Display		
Rows/Columns		To shadow columns without data
Value Display		

Planning	<p>BW - DP - Forecast Accuracy (Core query) (Query)</p> <p>General   Variable Sequence   Display   Rows/Columns   Value Display   <b>Planning</b>   Extended</p> <p>This setting determines whether the query is started in display or change mode</p> <p><b>Startup View</b></p> <p><input type="checkbox"/> Start Query in Change Mode</p> <p><b>Calculation of Inverse Formulas</b></p> <p>Selecting the checkbox results in calculation of inverse formulas if an element in the formula group has been changed or fixed. Otherwise, the calculation is not performed until the value of input-ready formula has been changed or fixed.</p> <p><b>Calculation Mode</b></p> <p><input type="checkbox"/> Symmetrical Calculation Mode for Inverse Formulas</p>	
Extended	<p>General   Variable Sequence   Display   Rows/Columns   Value Display   Planning   <b>Extended</b></p> <p><b>Enterprise ID</b></p> <p>577HM5RILW60FER5592RW0X0Q</p> <p><b>Release for External Access</b></p> <p>Allow External Access to this Query</p> <p><input type="checkbox"/> By OLE DB for OLAP</p> <p>Lightweight consumption</p> <p><input type="checkbox"/> By Easy Query</p> <p><b>Request Status</b></p> <p>Every InfoProvider in MultiProvider according to its</p> <p><input checked="" type="checkbox"/> Use InfoProvider Settings</p> <p><b>Near-Line Storage</b></p> <p>Use Near-Line Storage According to Provider Setti</p> <p><input checked="" type="checkbox"/> Use InfoProvider Settings</p>	

## Variables

### Definitions

Variable Name	Info-object	Selection Type	Required	Description /Explanation
CALMONT2 Calendar Month/Year (Interval, Mandatory)	0CALMONTH	Interval/Mandatory/ManualEntry	Yes	
V_CPFCTR1_2_0008 Global Business Unit (Selection Option, Optional, Auth)	CPFCTR1_2	SelectionOption/Optional/Authorization /ManualEntry	No	
V_C_MATNR2_0001 Material (Selection option)	C_MATNR2	SelectionOption/Optional/ManualEntry	No	
CPROD01 Commercial Product (Select option, Optional)	C_MATNR2__C_PROD	SelectionOption/Optional/ManualEntry	No	

VPROD_HIER Product Hierarchy (Selection option, optional)	C_MATNR2__OPROD_HIER	SelectionOption/Optional/ManualEntry	No	
V_CUSTID_0002 Ship-to (Selection option)	C_SHIPID	SelectionOption/Optional/ManualEntry	No	Replace C_CUSTOMR in V1
ODISCHAN Distribution channel	0DISTR_CHAN	SelectionOption/Optional/ManualEntry	No	
V_C_GBR6_0001 GBR Customer Group (Select Option, Optional)	C_GBR13__C_GBR6	SelectionOption/Optional/ManualEntry	No	Ship-to info
V_0COUNTRY_0003 Ship-to Country (Selection option, Optional)	C_SHTCTRY	SelectionOption/Optional/ManualEntry	No	C_CUSTOMR__0COUNTRY in V1
V_C_GRCUST_0001 Industrial Group (Selection option, Optional)	C_SOLDID__C_GRCUST	SelectionOption/Optional/ManualEntry	No	Sold-to info
V_C_SAL_GRP Sales Group (Selection option, Optional)	C_DYN_017__C_SAL_GRP	SelectionOption/Optional/ManualEntry	No	Sales Group = Sales Rep only for RCS
V_C_GZONE Geo Zone (Selection option, Optional)	C_SHTCTRY__C_GZONE	SelectionOption/Optional/ManualEntry	No	
C_MATNR2__C_MAT_GRP_0001 Material Group (Selection Option, Optional)	C_MATNR2__C_MAT_GRP	SelectionOption/Optional/ManualEntry	No	Previous V1 => IO not compound C_MATNR2__0MATL_GROUP DCF / Material group Bex variable 0S_MATGR
V_C_PLANT_0010 Plant (Selection Option, Optional)	C_DYN_018__C_MPPLANT	SelectionOption/Optional/ManualEntry	No	
V_C_ZONE_0005 BFC Geo/Zone (Selection option)	C_SHTCTRY__C_ZONE	SelectionOption/Optional/ManualEntry	No	

## Variable Sequence

General | Variable Sequence | Display | Rows/Columns | Value Display

**Variable Sequence**

▲ ▼

- ☒ [CALMONT2] Calendar Month/Year (Interval, Mandatory)
- ☒ [V\_CPFCTR1\_2\_0008] BFC GBU (Selection Option, Optional)
- ☒ [VBASE\_UOM\_05] UoM for Qty conversion (Single value, Mand
- ☒ [V\_C\_MATNR2\_0001] Material (Select option, Optional)
- ☒ [CPROD01] Commercial Product (Select option, Optional)
- ☒ [VPROD\_HIER] Product Hierarchy (Selection option, optional)
- ☒ [V\_CUSTID\_0002] Ship-to (Selection Option)
- ☒ [ODISCHAN] Distribution channel
- ☒ [V\_C\_GBR6\_0001] GBR Customer Group (Select Option, Option
- ☒ [V\_0COUNTRY\_0003] Ship-to Country (Selection option, Option
- ☒ [V\_C\_GRCUST\_0001] Industrial Group (Selection option, Option
- ☒ [V\_C\_SAL\_GRP\_0001] Sales Group (Selection option, Optional)
- ☒ [V\_C\_GZONE\_0001] Geo Zone (Selection option, Optional)
- ☒ [C\_MATNR2\_C\_MAT\_GRP\_0001] Material Group (Selection C
- ☒ [V\_C\_PLANT\_0010] Plant (Selection Option, Optional)
- ☒ [V\_C\_ZONE\_0005] BFC Geo/Zone (Selection option)

## Filters


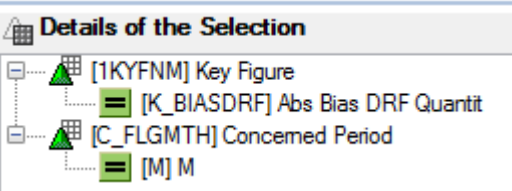
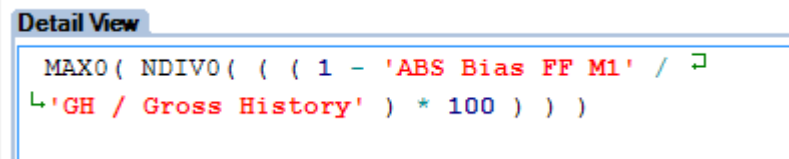
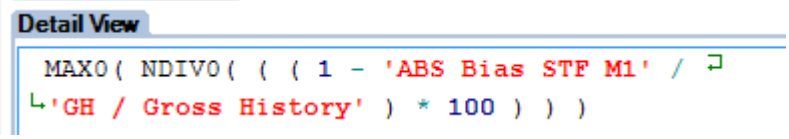
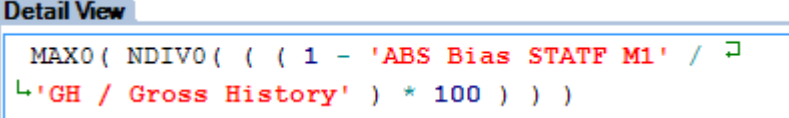
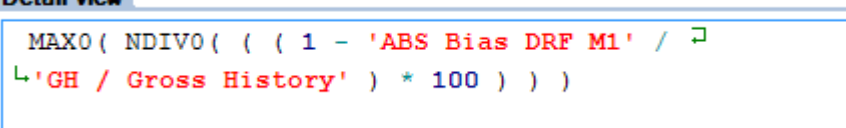
Object	Filter Value	Explanation
Concerned Period (C_FLMTH)	M M-2 M-3 M-4 M-5 M-6	M correspond to period M, and snapshot, end of previous month  <b>NB:</b> Value M-1 does not exists. The values of previous month are stored on value M
Provider (0INFOPROV)	<> DYN - Reporting (CRDYN11) <> APO - Global (Dynamic) (CRAPO002) <> DYN - Reporting PAX Historic (CRDYN14) <> DYN - Reporting PV/PX/PV since 2019 (CRDYN15)	Cubes exclusion CRDYN11/14/15 and CRAPO002 added 12/02/2019
Active DFU (Yes/No)	☑ [C_DYN_021_C_DYN_034] Active DFU (Yes/No) = [N] No	Flag not available for APO, so value "#" for APO records  Exclusion of non active DFU (<> N), to keep value 'Y' for DynaSys and '#' for APO  Filter added 14/10/2020




## Key figures

No decimal for all Key Figures, as in Dynasys.

Key Figure M-2 to M-6 are currently not shown in the query => wait for old photo loading to validate Key Figures

Description	type	Restricted or Calculated KeyFigure	Calculation rule	Conversion
GH / Gross History	Display			QCT_MA (March 17 Release)
FF / Final Forecast M1	Display			QCT_MA (March 17 Release)
STF / Sales Team Forecast M1	Hidden			QCT_MA (July 17 Release)
STATF / Statistical Forecast M1	Hidden			QCT_MA (July 17 Release)
Demand Review Forecast	Hidden			QCT_MA (May 18 Release)
ABS Bias FF M1	Hidden			QCT_MA (March 17 Release)
ABS Bias STF M1	Hidden			QCT_MA (July 17 Release)

ABS Bias STATF M1	Hidden		 <p><b>Details of the Selection</b></p> <ul style="list-style-type: none"> <li>[1KYFNM] Key Figure <ul style="list-style-type: none"> <li>[K_BIASSTA] Abs Bias STATF Qty</li> </ul> </li> <li>[C_FLGMTH] Concerned Period <ul style="list-style-type: none"> <li>[M] M</li> </ul> </li> </ul>	QCT_MA (July 17 Release)
ABS Bias DRF M1	Hidden		 <p><b>Details of the Selection</b></p> <ul style="list-style-type: none"> <li>[1KYFNM] Key Figure <ul style="list-style-type: none"> <li>[K_BIASDRF] Abs Bias DRF Quantit</li> </ul> </li> <li>[C_FLGMTH] Concerned Period <ul style="list-style-type: none"> <li>[M] M</li> </ul> </li> </ul>	No
FA FF M1	Display		 <p><b>Detail View</b></p> <pre>MAX0( NDIV0( ( ( 1 - 'ABS Bias FF M1' / ↵ ↳ 'GH / Gross History' ) * 100 ) ) )</pre>	No
FA STF M1	Hidden		 <p><b>Detail View</b></p> <pre>MAX0( NDIV0( ( ( 1 - 'ABS Bias STF M1' / ↵ ↳ 'GH / Gross History' ) * 100 ) ) )</pre>	No
FA STATF M1	Hidden		 <p><b>Detail View</b></p> <pre>MAX0( NDIV0( ( ( 1 - 'ABS Bias STATF M1' / ↵ ↳ 'GH / Gross History' ) * 100 ) ) )</pre>	No
FA DRF M1	Hidden		 <p><b>Detail View</b></p> <pre>MAX0( NDIV0( ( ( 1 - 'ABS Bias DRF M1' / ↵ ↳ 'GH / Gross History' ) * 100 ) ) )</pre>	No

Bias FF M1	Hidden	<p><b>Detail View</b></p> <p>'FF / Final Forecast M1' - 'GH / Gross History'</p> <p><b>Properties</b></p> <p>Bias FF M1 (Formula)</p> <p>  </p> <p>General <b>Aggregation</b> Display Extended C</p> <p><b>Aggregation</b></p> <p>Exception Aggregation</p> <p>Use Standard Aggregation</p> <p>Ref. Characteristic</p> <p>[C_SHIPTO] Ship-to party</p>	No
Bias STF M1	Hidden	<p><b>Detail View</b></p> <p>'STF / Sales Team Forecast M1' - ↵</p> <p>↳ 'GH / Gross History'</p>	No
Bias STATF M1	Hidden	<p><b>Detail View</b></p> <p>'STATF / Statistical Forecast M1' - ↵</p> <p>↳ 'GH / Gross History'</p>	No
Bias DRF M1	Hidden	<p><b>Detail View</b></p> <p>'Demand Review Forecast M1' - 'GH / Gross History'</p>	No
FA aggr. FF M1	Display	<p><b>Detail View</b></p> <p>MAX0( NDIV0( ( ( 1 - ABS( 'Bias FF M1' ) / ↵</p> <p>↳ 'GH / Gross History' ) * 100 ) ) )  </p>	No
FA aggr. STF M1	Hidden	<p><b>Detail View</b></p> <p>MAX0( NDIV0( ( ( 1 - ABS( 'Bias STF M1' ) / ↵</p> <p>↳ 'GH / Gross History' ) * 100 ) ) )</p>	
FA aggr. STATF M1	Hidden	<p><b>Detail View</b></p> <p>MAX0( NDIV0( ( ( 1 - ABS( 'Bias STATF M1' ) / ↵</p> <p>↳ 'GH / Gross History' ) * 100 ) ) )</p>	

FA aggr. DRF M1	Hidden		<b>Detail View</b> $\text{MAX0}(\text{NDIV0}(\text{((1 - ABS('Bias DRF M1')) / \text{'GH / Gross History'}) * 100)))$	No
Relative Error FF M1	Display		<b>Detail View</b> $\text{NDIV0}(\text{'Bias FF M1'} / \text{'GH / Gross History'} * 100)$	No
Relative Error STF M1	Hidden		<b>Detail View</b> $\text{NDIV0}(\text{('Bias STF M1'} / \text{'GH / Gross History'} * 100))$	No
Relative Error STATF M1	Hidden		<b>Detail View</b> $\text{NDIV0}(\text{('Bias STATF M1'} / \text{'GH / Gross History'} * 100))$	No
Relative Error DRF M1	Hidden		<b>Detail View</b> $\text{NDIV0}(\text{('Bias DRF M1'} / \text{'GH / Gross History'} * 100))$	No

FF / Final Forecast M2	Hidden		Same calculation than for M1 but limited to Concerned Period (C_FLGMTH) = 'M-2'	QCT_MA` (March 17 Release)
STF / Sales Team Forecast M2				
STATF / Statistical Forecast M2				
Demand Review Forecast M2				
ABS Bias FF M2				
ABS Bias STF M2				
ABS Bias STATF M2				
ABS Bias DRF M2				
FA FF M2				
FA STF M2				
FA STATF M2				
FA DRF M2				
Bias FF M2				
Bias STF M2				
Bias STATF M2				
Bias DRF M2				
FA aggr. FF M2				
FA aggr. STF M2				
FA aggr. STATF M2				
Bias DRF M2				
Relative Error FF M2				
Relative Error SATF M2				
Relative Error FF M2				
Relative Error DRF M2				
And so one till M6				QCT_MA` (March 17 Release)

## Key Figure 1

### Description

### Calculation rule detail

### Text Replacement Variable

### Currency Conversion

Exchange Rate Type :

Currency :

Time Reference :

## Unit Conversion

Unit :

## Characteristics

Location	Info-object Name	Info-object Text	Explanation (if needed)
Column	0CALMONTH	Calendar Year/Month	Text
Rows	0LOGSYS	Source System	No display to avoid the display of the prefix for compound characteristics.
Rows	C_MATNR2	Material	Key + Text
Rows	C_SHIPTID	Ship-to	Key + Text Previously, the Ship-to was C_SHIPTO, but description were not daily loaded. Description Ship-to will change to SAP Ship-to soon
Rows	0DISTR_CHAN	Distribution Channel	Key + Text Available for RCS only. For SOLVAY it corresponds to the 2 first characters of the BU.
Free	CPFCTR1_2	BFC Global Business Unit	Key + Text From DSO DBDYN02 to get the BU (C_DYN_010), then MasterData C_DYN_010 to get the GBU
Free	C_MATNR2__OPROD_HIER	Prod. Hierarchy	Key + Text
Free	C_MATNR2__C_PROD	Commercial Product	Key + Text Commercial Product is only available for RCS WP1. Do not exists for SOLVAY PF1.
Free	C_CUSTCP2	<del>Enterprise Customer Group</del>	Key + Text Will remain only for APO (new axis for Dyn)
Free	C_SHTCTRY	Ship-to Country	Text
Free	C_SOLDID	Sold-to	Key + Text Previously, the Sold-to was C_SOLDTO, but description were not daily loaded.
Free	C_SOLDID__C_GRCUST	Industrial Group	Text V1 = C_CUSTOMR__C_GRCUST For V2 it has been changed for C_CUSTID. The field KONZS is taken from PRS Customer. PRS seems not contains all customers (only payer?). If Customer Group (C_GRCUST) are missing, the masterdata will have to be upgraded to get missing ones.
Free	C_DYN_017__C_SAL_GRP	Sales Group	Sales Group = Sales Rep = Only for RCS
Free	C_SHTCTRY__C_ZONE	Geo Zone	No description available
Free	C_DYN_005__C_TACTIC2	Tactical Material	Description are available since 08/12/2016
Free	C_DYN_017__C_ZIPART	CSO	Customer Service Officer (CSO) Only filled for RCS
Free	C_CUSTOMR__0REGION	Ship-to Region	

Free	C_CUSTOM R__OCITY	Ship-to City	
Free	C_DYN_018 __C_MPPLA NT	Main Shipping Plant	
Free	C_MATNR2 __C_MAT_ GRP	Material Group	
Free	C_MATNR2 __C_MATG R2	Packaging Type	Previous name : Material Group 2 (Release March 2017) For Solvay PF1 only
Free	C_MATNR2 __C_DIVISN	Division	
Free	C_DYN_010	BU	
Free	C_DYN_018 __C_MSHC OND	Main Shipping Cond.	Available since 07/02/2017 Shipping Condition of the last M3 sales order not rejected (No reason for Rejection , Item Category M3N, most recent change on date)
Free	<del>C_DYN_018 __C_INCOT RM</del>	<del>Incoeterms</del>	<del>Available since 07/02/2017 Incoeterms of the last M3 sales order not rejected (No reason for Rejection , Item Category M3N, most recent change on date)</del>
Free	<del>C_DYN_018 __C_DYN_0 16</del>	<del>Key- Account  (Ship-to- KA)</del>	<del>RCS notion Text in MD C_GRCUST Available since 14/03/2017 For DynaSys/Logility, now use Ship to KA (GBR) (C_GBR15__C_SHIPKA)</del>
Free	C_MATNR2 __C_MAGRV	Packaging Materials	Only for RCS Available since 14/03/2017
Free	C_DYN_018 __C_VEPART	Account Manager	PF1 notion Release April 2017
Free	C_DYN_018 __C_VWPA RT	CCS Rep	PF1 notion Release April 2017
Free	C_DYN_021 __C_DYN_0 20	Planning Zone	DYN Only Available since 18/11/2019
Free	C_GBR14__ C_GBR1	GBR: Application	
Free	C_GBR14__ C_GBR2	GBR: Market	
Free	C_GBR14__ C_GBR3	GBR: Segment	
Free	C_GBR14__ C_GBR4	GBR: Corporate End Use	
Free	C_DYN_021 __C_DYN_0 22	ABC Class (auto)	DYN Only
Free	C_DYN_021 __C_DYN_0 23	ABC Class (manual)	DYN Only
Free	<del>C_MATNR2 __C_LPROD</del>	<del>LIP00</del>	<del>Since Solstice</del>
Free	<del>C_MATNR2 __C_LIP04</del>	<del>LIP04</del>	<del>Since Solstice</del>
Free	<del>C_MATNR2 __C_FMPRD</del>	<del>Product Group (family)</del>	<del>Since Solstice</del>
Free	<del>C_PGMI__C _GRPPGMI</del>	<del>Item Class</del>	<del>Since Solstice</del>

Free	C_GBUZON E__C_ZON EH1	GBU zone (hierarchy)	Key and Text => Dyn Only
Free	C_GBUZON E__C_ZON EH2	GBU zone (hier. 2)	Key and Text =>Dyn Only
Free	0G_CWWE01	IECRA	APO Only
Free	C_GBR18__ C_GBR19	GBR Material Group	Key and Text Available since 31/10/2017
Free	C_GBR13__ C_GBR9	GBR Customer Sub Group	Key and Text Available since 31/10/2017
Free	C_GBR13__ C_GBR6	GBR Customer Group	Key + Text Available since 31/10/2017
Free	C_GBR15__ C_SHIPKA	Ship-to KA (GBR)	Key and Text Available since 31/10/2017
Free	C_SHTCTR Y__C_ZONE	BFC Geographie /Zone	Key and Text Available since 31/10/2017
Free	C_DYN_018 __C_INCOT RM	Incoterms (Solvay)	Key Available since 18/10/2018
Free	C_DYN_018 __C_INCOT M2	Incoterms 2 (Solvay)	Key Available since 18/10/2018
Free	C_DYN_017 __C_INCOT RM	Incoterms (RCS)	Key Available since 18/10/2018
Free	C_DYN_017 __C_INCOT M2	Incoterms 2 (RCS)	Key Available since 18/10/2018

If you have 2 structures and special cells calculations, explain here. **Cells**

## Conditions

Condition Name	Active By default	Key Figure (Structure)	Operator	Value	Characteristic Assignment

## Exceptions

Exception Name	Active By default	Alert Level	Operator	Value	Other parameters (if different from default)
	Yes/No				