

Offsetting Account Description in FBL3N and FAGLL03 – GL Line Item Display Reports



Applies to:

Organizations using SAP which need an additional field to be displayed in FBL3N & FAGLL03 reports.

Below configuration is based on SAP ECC 6.0. The configuration can also be held as reference for R/3 470 release and 46C release.

For more information, visit the [Enterprise Resource Planning homepage](#).

Summary

Standard BTE functionality provides Offset Account Number & Offset Account Type. Additional fields can be pulled into the report with little modification, for a better reconciliation when displaying GL Line items.

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Overview

FBL3N and FAGLL03 for displaying GL Line items are the most frequently used reports. Most of the customers have a requirement of having an additional field in the report apart from the special fields in the line layout variant. This article explains the procedure for adding an additional field in the change layout of these reports. Users can create a layout and run the report using the layout.

Display GL Line Items

T. Code: FBL3N – GL Line Item Display

Output of FBL3N

St	Assignment	DocumentNo	BusA	Type	Doc. Date	PK	Amount in local cur.	LCurr	Tx	Clrng doc.	Text
☐	✓ 20100513	1500000000		KZ	05/13/2010	50	750.00-	USD			
*	✓						750.00-	USD			
** Account 100051							750.00-	USD			

St	Assignment	DocumentNo	BusA	Type	Doc. Date	PK	Amount in local cur.	LCurr	Tx	Clrng doc.	Text
☐	✓ 20091231	1000000005		SA	12/31/2009	40	10,451,575.74	USD			Upload
☐	✓ 20100513	1400000002		DZ	05/13/2010	40	75.00	USD			
☐	✓ 20100812	1000000011		SA	08/12/2010	40	10,000.00	USD			
☐	✓ 20100812	1400000003		DZ	07/15/2010	40	100.00	USD			
*	✓						10,461,750.74	USD			
** Account 113050							10,461,750.74	USD			

BTE 1650 (Standard Functionality)

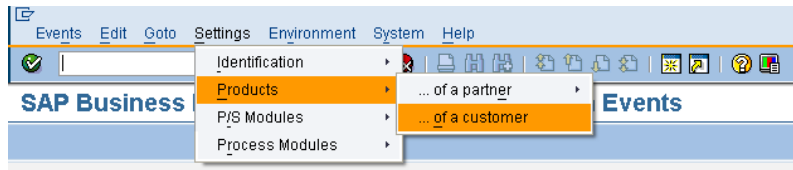
SAP provides **Offset Account Number (GKONT)** & **Offset Account Type (GKART)** fields to be displayed in the output of the report. This can be achieved using the BTE functionality in Financial Accounting.

Use T. Code: FIBF

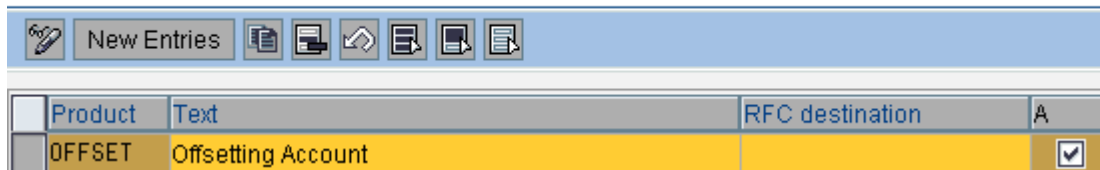
Or

Menu Path

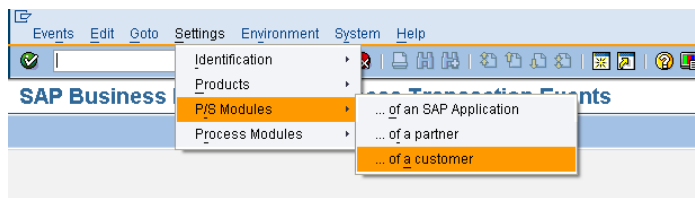
IMG → Financial Accounting (New) → Financial Accounting Global Settings (New) → Tools → Customer Enhancements → Business Transaction Events



Change View "Customer Products": Overview

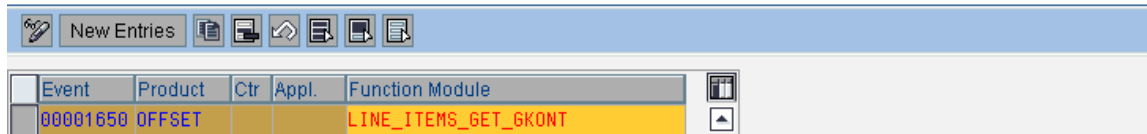


The activation check box when checked lets the fields to appear in the layout.



Once the product of a customer is activated you need to create a P/S Module of a customer as shown in the above screen shot using **T. Code: FIBF**

Change View "Publish&Subscribe BTE: Customer Enhancements": Overview



Create new entries in the P/S module of a customer for BTE Event 00001650 and assign the product activated earlier, using **T. Code: FIBF**. Also assign the respective function module (LINE_ITEMS_GET_GKONT) and Save.

The following logic is used to populate the values in the required fields of the report.

```

FUNCTION LINE_ITEMS_GET_GKONT.
* " -----
* " "Lokale Schnittstelle:
* "     IMPORTING
* "         VALUE(I_POSTAB) LIKE  RFPOS STRUCTURE  RFPOS
* "     EXPORTING
* "         VALUE(E_POSTAB) LIKE  RFPOS STRUCTURE  RFPOS
* " -----
E_POSTAB = I_POSTAB.

```

```

CALL FUNCTION 'GET_GKONT'
  EXPORTING
    BELNR      = I_POSTAB-BELNR
    BUKRS      = I_POSTAB-BUKRS
    BUZEI      = I_POSTAB-BUZEI
    GJAHR      = I_POSTAB-GJAHR
    GKNKZ      = '3'
  IMPORTING
    GKONT      = E_POSTAB-GKONT
    KOART      = E_POSTAB-GKART
  EXCEPTIONS
    BELNR_NOT_FOUND = 1
    BUZEI_NOT_FOUND = 2
    GKNKZ_NOT_FOUND = 3
    OTHERS        = 4.
IF SY-SUBRC <> 0.
* MESSAGE ID SY-MSGID TYPE SY-MSGTY NUMBER SY-MSGNO
* WITH SY-MSGV1 SY-MSGV2 SY-MSGV3 SY-MSGV4.
ENDIF.

ENDFUNCTION.

```

Once the BTE is activated, the standard fields GKONT & GKART appear in the Change Layout of the report.

Change Layout: Standard

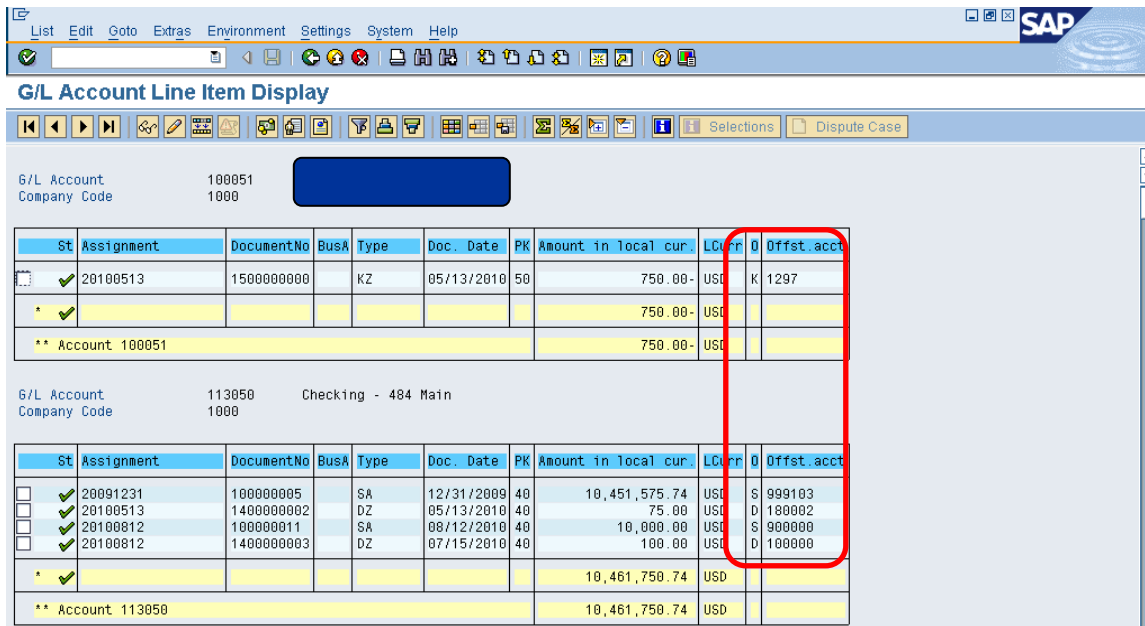
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Execute **GL Line Item Display** report using **FBL3N** to pull the Offset Account Number (GKONT) and Offset Account Type (GKART) from the change layout.



G/L Account Line Item Display

6/L Account: 100051
Company Code: 1000

St	Assignment	DocumentNo	BusA	Type	Doc. Date	PK	Amount in local cur.	LCurr	0	Offset acct
✓	20100513	1500000000		KZ	05/13/2010	50	750.00-	USD	K	1297
* ✓							750.00-	USD		
**	Account: 100051						750.00-	USD		

6/L Account: 113050
Company Code: 1000
Checking - 484 Main

St	Assignment	DocumentNo	BusA	Type	Doc. Date	PK	Amount in local cur.	LCurr	0	Offset acct
✓	20091231	1000000005		SA	12/31/2009	40	10,451,575.74	USD	S	999103
✓	20100513	1400000002		DZ	05/13/2010	40	75.00	USD	D	100002
✓	20100812	1000000011		SA	08/12/2010	40	10,000.00	USD	S	900000
✓	20100812	1400000003		DZ	07/15/2010	40	100.00	USD	D	100000
* ✓							10,461,750.74	USD		
**	Account: 113050						10,461,750.74	USD		

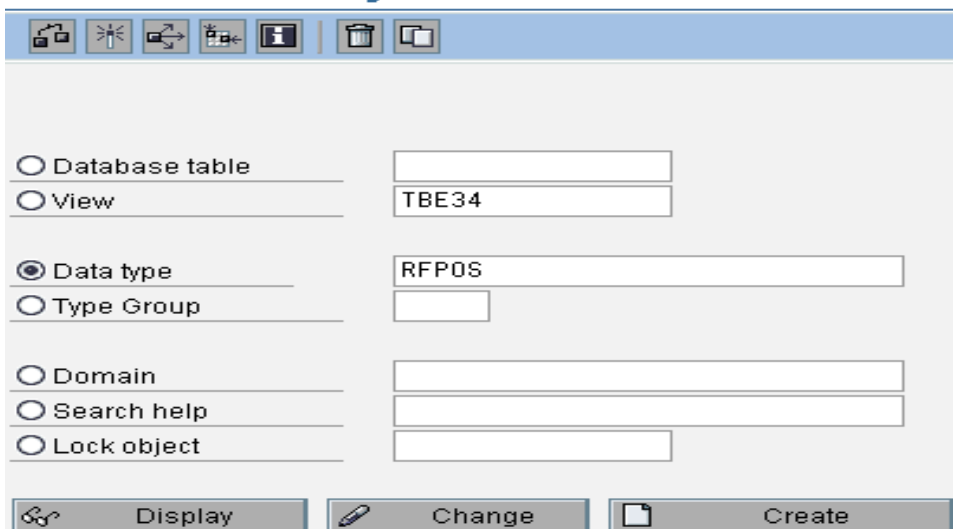
BTE 1650 with Additional Field

To add an additional field in the report, following steps need to be done in ABAP.

In our case we added **Offsetting Account Text** in the report layout.

Append the RFPOS & RFPOSX structures using T. Code: SE11 as shown in the following screen shots below.

ABAP Dictionary: Initial Screen



Database table:

View:

☒ Data type:

Type Group:

Domain:

Search help:

Lock object:

Display Change Create

Dictionary: Display Structure

Structure: **RFPOS** Active

Short Description: Line Item data for Customer/Vendor/G/L Account

Attributes Components Entry help/check Currency/quantity fields

Predefined Type 137 / 146

Component	RTy	Component type	Data Type	Length	Decim	Short Description
PRODPER	☐	JVA_PROD_MONTH	ACCP	6	0	
.APPEND	☐	JVRFPPOS	---	0	0	Joint Venture Fields
VNAME	☐	JV_NAME	CHAR	6	0	Joint Venture
EGRUP	☐	JV_EGROUP	CHAR	3	0	Equity Group
BTYPE	☐	JV_BILIND	CHAR	2	0	Payroll Type
.APPEND	☐	REPR_RFPOS	---	0	0	
.INCLUDE	☐	REPR_APPEND	---	0	0	
PROPMANO	☐	REHORECNNRM	CHAR	13	0	
.APPEND	☐	ZOFFSET_DESC	---	0	0	Offset A/C Description
ZZGKONT_LTXT	☐	GKONT_LTXT	CHAR	50	0	Name of Offsetting Account

Dictionary: Display Structure

Structure: **RFPOSX** Active

Short Description: Line Item Data: RFPOS with Longer Amount Fields

Attributes Components Entry help/check Currency/quantity fields

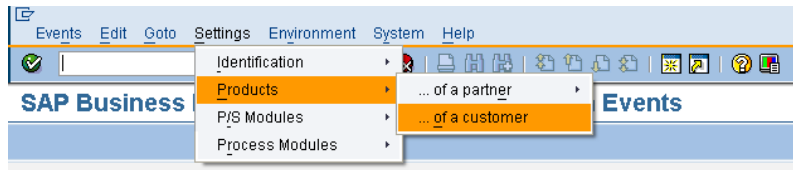
Predefined Type 137 / 146

Component	RTy	Component type	Data Type	Length	Decim	Short Description
EXT_KEY	☐	FDM_EXT_KEY	CHAR	12	0	Case ID
PROCESSOR	☐	FDM_PROCESSOR	CHAR	12	0	Processor
PRIORITY_TEXT	☐	FDM_PRIORITY_TEXT	CHAR	40	0	Priority of Dispute Case
STAT_ORDERNO_TEXT	☐	FDM_STAT_ORDERNO	CHAR	40	0	Status of Dispute Case
CDIS_BELNR	☐	FDM_CDIS_BELNR	CHAR	10	0	Related Invoice Is Customer-Disputed
.APPEND	☐	REPR_RFPOSX	---	0	0	
.INCLUDE	☐	REPR_APPEND	---	0	0	
PROPMANO	☐	REHORECNNRM	CHAR	13	0	
.APPEND	☐	ZOFFSET_DESC1	---	0	0	Offset A/C Description
ZZGKONT_LTXT	☐	GKONT_LTXT	CHAR	50	0	Name of Offsetting Account

Once the **RFPOS** & **RFPOSX** structures are appended, you need to ensure that both the structures are **ACTIVE**.

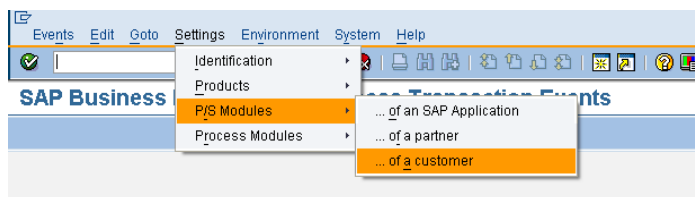
One Important step to be executed:**Using T. Code: SE38 to regenerate the program RFPOSEXTEND**

After the program regeneration create another product of a customer to include the additional field.

**Change View "Customer Products": Overview**

New Entries				
Product	Text	RFC destination		
IS-BEV	Beverage Solution		☐	
OFFACTXT	Offsetting Account Text		☒	
OFFSET	Offsetting Account		☒	

The product of the customer with additional field logic should remain activated and the one for the standard fields can optionally be deactivated.



Create new entries in the P/S module of a customer for **BTE Event 00001650** and assign the product (OFFACTXT) created and activated earlier, using **T. Code: FIBF**.

Change View "Publish&Subscribe BTE: Customer Enhancements": Overview

New Entries				
Event	Product	Ctr	Appl.	Function Module
00001340	SEDUNN	SE		SAMPLE_INTERFACE_00001340
00001650	OFFACTXT			Z_LINE_ITEMS_GET_GKONT
00001650	OFFSET			LINE_ITEMS_GET_GKONT

Create a new function module **Z_LINE_ITEMS_GET_GKONT** and assign it to **BTE 00001650** and save.

Z LINE ITEMS GET GKONT

The following logic below is used to populate the values in the required fields of the report.

```

FUNCTION Z_LINE_ITEMS_GET_GKONT.
* " -----
* " "Local Interface:
* "   IMPORTING
* "       VALUE(I_POSTAB) LIKE RFPOS STRUCTURE RFPOS
* "   EXPORTING
* "       VALUE(E_POSTAB) LIKE RFPOS STRUCTURE RFPOS
* " -----

E_POSTAB = I_POSTAB.

CALL FUNCTION 'GET_GKONT'
  EXPORTING
    BELNR      = I_POSTAB-BELNR
    BUKRS      = I_POSTAB-BUKRS
    BUZEI      = I_POSTAB-BUZEI
    GJAHR      = I_POSTAB-GJAHR
    GKNKZ      = '3'
  IMPORTING
    GKONT      = E_POSTAB-GKONT
    KOART      = E_POSTAB-GKART
  EXCEPTIONS
    BELNR_NOT_FOUND = 1
    BUZEI_NOT_FOUND = 2
    GKNKZ_NOT_FOUND = 3
    OTHERS        = 4.
IF SY-SUBRC <> 0.
* MESSAGE ID SY-MSGID TYPE SY-MSGTY NUMBER SY-MSGNO
*       WITH SY-MSGV1 SY-MSGV2 SY-MSGV3 SY-MSGV4.
Else.

  tables:
  skat,kna1,lfa1.
  Clear e_postab-zzgkont_ltxt.

* Get Offset Account Description Based on Account Type
  if sy-tcode = 'FBL3N'.
* In case of G/L Account
    if e_postab-gkart = 'S'.
      select single *
        from skat
        where spras = sy-langu and
              saknr = e_postab-gkont.
      if sy-subrc = 0.
        e_postab-zzgkont_ltxt = skat-TXT50.
      endif.
* In case of Customer
    elseif e_postab-gkart = 'D'.
      select single *
        from kna1
        where kunnr = e_postab-gkont.
      if sy-subrc = 0.

```

```

        e_postab-zzgkont_ltxt = kna1-name1.
      endif.
* In case vendor
      elseif e_postab-gkart = 'K'.
        select single *
          from lfa1
          where lifnr = e_postab-gkont.
        if sy-subrc = 0.
          e_postab-zzgkont_ltxt = lfa1-name1.
        endif.
      endif.
    endif.
  ENDIF.

ENDFUNCTION.

```

The report is executed; showing the standard Offset Account Number, Offset Account Type and the additional field **Offsetting Account Description** that was added.

St	Assignment	DocumentNo	Type	Doc. Date	PK	Amount in local cur.	LCurr	Offst.acct	Name of offsetting account
	20091231	1800000000	DR	11/01/2009	01	2,750.00	USD	999101	S De /c
	20091231	1800000001	DR	12/01/2009	01	2,750.00	USD	999101	S De /c
	20091231	1800000002	DR	12/01/2009	01	500.00	USD	999101	S De /c
	20091231	1800000003	DR	11/01/2009	01	500.00	USD	999101	S De /c
	20091231	1800000004	DR	11/01/2009	01	29,946.75	USD	999101	S De /c
	20091231	1800000005	DR	10/01/2009	01	9,780.00	USD	999101	S De /c
	20091231	1800000006	DR	07/01/2009	01	27,315.00	USD	999101	S De /c
	20091231	1800000007	DR	11/01/2009	01	6,454.00	USD	999101	S De /c
	20091231	1800000008	DR	12/01/2009	01	6,454.00	USD	999101	S De /c
	20091231	1800000009	DR	10/01/2009	01	6,454.00	USD	999101	S De /c
	20091231	1800000010	DR	11/01/2009	01	1,625.00	USD	999101	S De /c
	20091231	1800000011	DR	12/01/2009	01	1,625.00	USD	999101	S De /c
	20091231	1800000012	DR	11/01/2009	01	101,643.00	USD	999101	S De /c
	20091231	1800000013	DR	12/15/2009	01	24,444.00	USD	999101	S De /c
	20091231	1800000014	DR	12/31/2009	01	953.82	USD	999101	S De /c

BAdi 'Z_FAGL_ITEMS_CH_DATA'

In SAP ECC 6.0 you can use FAGLL03 in addition to FBL3N for GL account line item display. For displaying offset account info in FAGLL03 report, you must create and activate an implementation for the 'FAGL_ITEMS_CH_DATA' BAdI.

Following steps need to be carried out for creating and activating the BAdi implementation.

Call transaction SE19.

Choose Classic BAdi and enter the BAdi Name as 'FAGL_ITEMS_CH_DATA' and click on Create Impl. Button and create a new implementation.

As the Definition name select 'FAGL_ITEMS_CH_DATA'.

Enter an Implementation Name 'Z_FAGL_ITEMS_CH_DATA' as shown in the above screen shot.

Business Add-In Builder: Display Implementation Z_FAGL_ITEMS_CH_DATA

Implementation Name: Z_FAGL_ITEMS_CH_DATA Active
 Implementation Short Text: Added additional field Offset A/C inf. to FAGLL03
 Definition Name: FAGL_ITEMS_CH_DATA

Interface

Interface name: IF_EX_FAGL_ITEMS_CH_DATA
 Name of implementing class: ZCL_IM_FAGL_ITEMS_CH_DATA

Method	Implement	Description
CHANGE_ITEMS	ABAP Code	Change Line Data

Example implementation class: CL_EXM_IM_FAGL_ITEMS_CH_DATA

On the 'Interface' tab select the 'CHANGE_ITEMS' method as shown in the screen shot above.

Logic for getting Offset Account Information in FAGLL03 report.

```
method IF_EX_FAGL_ITEMS_CH_DATA~CHANGE_ITEMS.
```

```
* Added Additional fields Offset A/C, Offset A/C type to Transaction
```

```
* FAGLL03
```

```
DATA: wa_items TYPE faglposx.
```

```
LOOP AT ct_items INTO wa_items.
```

```
CALL FUNCTION 'GET_GKONT'
```

```
EXPORTING
```

```
    belnr          = wa_items-belnr
```

```
    buks           = wa_items-buks
```

```
    buzei          = wa_items-buzei
```

```
    gjahr          = wa_items-gjahr
```

```
    gknkz          = '3'
```

```
IMPORTING
```

```
    gkont          = wa_items-gkont
```

```
    koart          = wa_items-gkart
```

```
EXCEPTIONS
```

```
    belnr_not_found = 1
```

```
    buzei_not_found = 2
```

```
    gknkz_not_found = 3
```

```
    OTHERS          = 4.
```

```
IF sy-subrc = 0.
```

```
* Get Offset Account Description Based on Account Type
```

```
* In case of G/L Account
```

```
  Data: w_txt50 type txt50,
```

```
        w_name1 type name1.
```

```
  Clear: wa_items-zzgkont_ltxt,
```

```
        w_txt50,
```

```

        w_name1.
    if wa_items-gkart = 'S'.
        select single txt50
        from skat
        into w_txt50
        where spras = sy-langu and
            saknr = wa_items-gkont.
        if sy-subrc = 0.
            wa_items-zzgkont_ltxt = w_TXT50.
        endif.
    * In case of Customer
    elseif wa_items-gkart = 'D'.
        select single name1
        from kna1
        into w_name1
        where kunnr = wa_items-gkont.
        if sy-subrc = 0.
            wa_items-zzgkont_ltxt = w_name1.
        endif.
    * In case vendor
    elseif wa_items-gkart = 'K'.
        select single name1
        from lfa1
        into w_name1
        where lifnr = wa_items-gkont.
        if sy-subrc = 0.
            wa_items-zzgkont_ltxt = w_name1.
        endif.
    endif.
    MODIFY ct_items FROM wa_items.
ENDIF.
ENDLOOP.
endmethod.

```

The report is executed; showing the standard Offset Account Number, Offset Account Type and the additional field **Offsetting Account Description** that was added.

St	Assignment	DocumentNo	Typ	Doc. Date	PK	Amount in local cur.	LCurr	0	Offst.acct	Name of offsetting account
		1800000566	DR	11/16/2009	01	1,200.00	USD		S 999101	/c
		1800000572	DR	11/18/2009	11	44.60	USD		S 999101	/c
		1800000586	DR	11/23/2009	11	2,217.46	USD		S 999101	/c
		1800000591	DR	11/10/2009	01	1,680.00	USD		S 999101	/c
		1800000628	DR	11/30/2009	01	1,020.57	USD		S 999101	/c
		1800000634	DR	09/30/2009	01	294.78	USD		S 999101	/c
		1800000641	DR	10/01/2009	01	1,549.00	USD		S 999101	/c
		1800000644	DR	10/01/2009	01	625.00	USD		S 999101	/c

Related Content

[Line item: Display of offsetting a/c information](#)

[Display of offsetting account information](#)

For more information, visit the [Enterprise Resource Planning homepage](#).

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