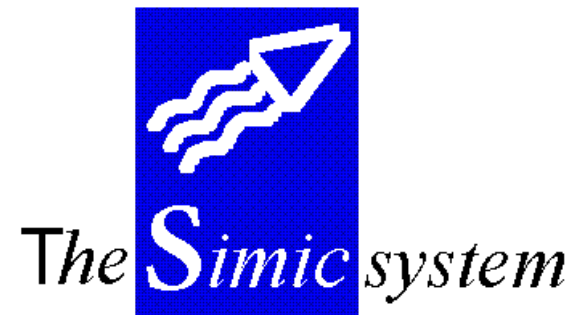




Receivables Interface Open Posts

INDEX

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Definition of interface

The interface described in this manual allows you to take information coming from your 'Invoicing' system and enter it into the modules :

SIMIC-RECEIVABLES

SIMIC-GENERAL LEDGER

Through a file called SMFRIN.

The table below defines the frontier between your system and the SIMIC software.

SPECIAL OPTION FOR OPTION 372.

Parameters (5), conditioning the image or the programme, generated in menu point 16, *Security master*.

- 4 Y The check of rates used for foreign invoices is activated depending on the figure entered in option 13 (currency master).
- 4 N The programme does not check the rates.

SPECIAL OPTION FOR OPTION 373.

Parameters (5), conditioning the image or the programme, generated in menu point 16, *Security master*.

- 1 N Reference 1 is filled up from invoice no.
- 1 Y Reference 1 is **not** filled up from invoice no.
- 2 Y The system date of movements is the invoice date (for VAT report).
- 2 N The system date is the date of the system.
- 3 Y The system date is used as the invoicing date for condensed vouchers.
- 3 N The first original date found is used as the invoicing date for condensed vouchers.
- 4 Y The check of rates used for foreign invoices is activated depending on the figure entered in option 13 (currency master).
- 4 N The programme does not check the rates.

Taking information from SIMIC

The taking of data contained in the SMFRIN file is done using the interface menu of the SIMIC RECEIVABLES system.

The interface menu contains the following options :

RBMMENU	SIMIC SYSTEM - MAIN MENU 400 SIMIC INFORMATIQUE	User : SIMICRBH SIMICRBH
Select one of the following :		
LINK - RECEIVABLES - INVOICES		
371	Browse input transactions	
372	Check interface without update	
373	Update interface	
374	Check interface (load payment)	
375	Update interface (load payments)	
379	Delete an interface	
LINK - RECEIVABLES - PAYMENTS		
381	Browse input transactions	
382	Check interface without update	
383	Update interface	+
Selection :	Data set : 1	Position to . . . :
	F13=Change the company	F14=Change the Data Set

In case of major errors in the previous processing of the interface programme (for example during invoicing), it is possible to annul completely the treatment of an update of the SIMIC files (option 379), both for the SIMIC-RECEIVABLES part and for the transactions relative to it in the SIMIC-GENERAL LEDGER. It is thus possible for you to carry out again this option a second time. In this case you must fill the SMFRIN file again.

Aim of the interface programme

The goal of your interface programme is to convert your data into the SMFRIN file format.

It is very likely that certain data contained in the zones of this file are not contained in your system. They can in general be filled by constants or be completed automatically by the SIMIC interface.

The frequency of execution and the type of treatment (run or interactive) of this interface programme depend on your needs.

Using the SMFRIN file

The SMFRIN file contains as many members as there are environments created in SIMIC.

Before execution of your interface programme you must in the first place choose the SMFRIN file member to be used. This is done by means of the AS/400 command named OVRDBF.

After each execution of an update of SIMIC data, by option 373, recordings of the member chosen for the SMFRIN file are physically deleted. Saving previous data from the interface programme is hence your responsibility.

Description of the SMFRIN file

Field	Data type	Length	Length buffer	Position buffer	Usage	Column heading	
RBF7COMP	ALPHA	3	3	1	E/S	COMPANY CODE	
RBF7CUS	ALPHA	15	15	4	E/S	CUSTOMER	
RBF7REF	ALPHA	10	10	19	E/S	REFERENCE	
RBF7PER	ALPHA	2	2	29	E/S	PERIOD	
RBF7DSC	ALPHA	1	1	31	E/S	DATA SET	
RBF7FCUR	ALPHA	3	3	32	E/S	CURRENCY	
RBF7IVTP	ALPHA	1	1	35	E/S	INVOICE TYPE	
RBF7TRM	ALPHA	3	3	36	E/S	TERMS	
RBF7BVR	ALPHA	27	27	39	E/S	NO BVR	
RBF7DI	ALPHA	8	8	66	E/S	MOVEMENT DATE	
RBF7DD	ALPHA	8	8	74	E/S	DUE DATE	
RBF7AMTF	ZONED	15	3	15	82	E/S	INVOICE AMOUNT FC
RBF7AMTC	ZONED	15	3	15	97	E/S	INVOICE AMOUNT CC
RBF7DISC	ZONED	15	3	15	112	E/S	DISCOUNT
RBF7TFA	ALPHA	3	3	127	E/S	TYPE OF MOVEMENT	
RBF7SRF	ZONED	3	0	3	130	E/S	SUB REFERENCE
RBF7DSCD	ALPHA	8	8	133	E/S	DISCOUNT DATE	
RBF7RLS	ALPHA	3	3	141	E/S	RELEASE TYPE	
RBF7CADH1	ALPHA	2	2	144	E/S	TAXPAYER 1/COMP	
RBF7CADH2	ALPHA	15	15	146	E/S	TAXPAYER 2/COMP	
RBF7RADH1	ALPHA	2	2	161	E/S	TAXPAYER 1/CUST	
RBF7RADH2	ALPHA	15	15	163	E/S	TAXPAYER 2/CUST	
RBF7ORD	ALPHA	10	10	178	E/S	ORDER NO	
RBF7IDBK	ALPHA	20	20	188	E/S	BANK ID	
RBF7MODE	ALPHA	1	1	208	E/S	MOV/PMT 1/2/4	
RBF7ISTS	ALPHA	1	1	209	E/S	INTERNAL STATUS	
RBF7USER	ALPHA	30	30	210	E/S	USER TEXT	
RBF7ST3	ALPHA	1	1	240	E/S	NO PRINT REMINDER	
RBF7VAT	ALPHA	1	1	241	E/S	INVOICE VAT « N »	
RBF7F1	ALPHA	32	32	242	E/S	RBF7F1	
RBF7LACC	ALPHA	15	15	274	E/S	LINE ACCOUNT	
RBF7LOAMTF	ZONED	15	3	15	289	E/S	LINE INVOICE AMT
RBF7LRATE	ZONED	12	7	12	304	E/S	LINE RATE
RBF7LAMTC	ZONED	15	3	15	316	E/S	LINE CC AMOUNT
RBF7LQTY	ZONED	9	0	9	331	E/S	LINE QTY
RBF7LDESC	ALPHA	25	25	340	E/S	LINE DESC	
RBF7LREF	ALPHA	10	10	365	E/S	LINE REFERENCE 1	
RBF7LREF2	ALPHA	10	10	375	E/S	LINE REFERENCE 2	
RBF7LREF3	ALPHA	15	15	385	E/S	LINE REFERENCE 3	
RBF7LAMTF	ZONED	15	3	15	400	E/S	LINE ACC AMOUNT
RBF7LOCUR	ALPHA	3	3	415	E/S	LINE ACC CUR	
RBF7LVATC	ALPHA	1	1	418	E/S	VAT REC Y/N	
RBF7LBASF	ZONED	15	3	15	419	E/S	LINE BASE FC
RBF7LBASC	ZONED	15	3	15	434	E/S	LINE BASE CC
RBF7LVATC1	ALPHA	5	5	449	E/S	VAT RATE BASE	
RBF7LVATC2	ALPHA	3	3	454	E/S	VAT NATURE	
RBF7LVATC3	ALPHA	3	3	457	E/S	VAT LOCATION	
RBF7LDES2	ALPHA	25	25	460	E/S	LINE DESC 2	
RBF7LVDAT	ALPHA	8	8	485	E/S	VALUE DATE	
RBF7F2	ALPHA	8	8	493	E/S	RBF7F2	

Description of the DDS of the SMFRIN file

FOR COBOL

A R SMFRIN1

A

A PART 1

A

A	RBF7COMP	3	COLHDG('COMPANY CODE')
A	RBF7CUS	15	COLHDG('CUSTOMER')
A	RBF7REF	10	COLHDG('REFERENCE')
A	RBF7PER	2	COLHDG('PERIOD')
A	RBF7DSC	1	COLHDG('DATA SET')

A PART 2

A	RBF7FCUR	3	COLHDG('CURRENCY')
A	RBF7IVTP	1	COLHDG('INVOICE TYPE')
A	RBF7TRM	3	COLHDG('TERMS')
A	RBF7BVR	27	COLHDG('NO BVR')
A	RBF7DI	8	COLHDG('MOVEMENT DATE')
A	RBF7DD	8	COLHDG('DUE DATE')
A	RBF7AMTF	15S 3	COLHDG('INVOICE AMOUNT FC')
A	RBF7AMTC	15S 3	COLHDG('INVOICE AMOUNT CC')
A	RBF7DISC	15S 3	COLHDG('DISCOUNT')
A	RBF7TFA	3	COLHDG('TYPE OF MOVEMENT')
A	RBF7SRF	3S 0	COLHDG('SUB REFERENCE')
A	RBF7DSCD	8	COLHDG('DISCOUNT DATE')
A	RBF7RLS	3	COLHDG('RELEASE TYPE')
A	RBF7CADH1	2	COLHDG('TAXPAYER 1/COMP')
A	RBF7CADH2	15	COLHDG('TAXPAYER 2/COMP')
A	RBF7RADH1	2	COLHDG('TAXPAYER 1/CUST')
A	RBF7RADH2	15	COLHDG('TAXPAYER 2/CUST')
A	RBF7ORD	10	COLHDG('ORDER NO')
A	RBF7IDBK	20	COLHDG('BANK ID')
A	RBF7MODE	1	COLHDG('MOV/PMT 1/2/4')
A	RBF7ISTS	1	COLHDG('INTERNAL STATUS')
A	RBF7USER	30	COLHDG('USER TEXT')
A	RBF7ST3	1	COLHDG('NO PRINT REMINDER')
A	RBF7VAT	1	COLHDG('INVOICE VAT « N »')
A	RBF7F1	32	

A

A PART 3

A

A	RBF7LACC	15	COLHDG('LINE ACCOUNT')
A	RBF7LOAMTF	15S 3	COLHDG('LINE INVOICE AMT')
A	RBF7LRATE	12S 7	COLHDG('LINE RATE')
A	RBF7LAMTC	15S 3	COLHDG('LINE CC AMOUNT')
A	RBF7LQTY	9S 0	COLHDG('LINE QTY')
A	RBF7LDESC	25	COLHDG('LINE DESC')
A	RBF7LREF	10	COLHDG('LINE REFERENCE 1')
A	RBF7LREF2	10	COLHDG('LINE REFERENCE 2')
A	RBF7LREF3	15	COLHDG('LINE REFERENCE 3')
A	RBF7LAMTF	15S 3	COLHDG('LINE ACC AMOUNT')
A	RBF7LOCUR	3	COLHDG('LINE ACC CUR')

A

A PART 4

A

A	RBF7LVATC	1	COLHDG('VAT REC Y/N')
A	RBF7LBASF	15S 3	COLHDG('LINE BASE FC')
A	RBF7LBASC	15S 3	COLHDG('LINE BASE CC')
A	RBF7LVATC1	5	COLHDG('VAT RATE BASE')
A	RBF7LVATC2	3	COLHDG('VAT NATURE')
A	RBF7LVATC3	3	COLHDG('VAT LOCATION')

A	RBF7LDES2	25	COLHDG ('LINE DESC 2')
A	RBF7LV DAT	8	COLHDG ('VALUE DATE')
A	RBF7F2	8	

Description of the DDS of the SMFRIN file (Next)

A

A KEY

A

A	K RBF7COMP
A	K RBF7DSC
A	K RBF7PER
A	K RBF7CUS
A	K RBF7REF
A	K RBF7MODE

Description of the DDS of the SMFRIN file (RPG)

FOR RPG

A R SMFRIN1

A

A PART 1

A

A	COMP	3	COLHDG('COMPANY CODE')
A	CUS	15	COLHDG('CUSTOMER')
A	REF	10	COLHDG('REFERENCE')
A	PER	2	COLHDG('PERIOD')
A	DSC	1	COLHDG('DATA SET')
A	FCUR	3	COLHDG('CURRENCY')
A	IVTP	1	COLHDG('INVOICE TYPE')
A	TRM	3	COLHDG('TERMS')
A	BVR	27	COLHDG('NO BVR')
A	DI	8	COLHDG('MOVEMENT DATE')
A	DD	8	COLHDG('DUE DATE')
A	AMTF	15S 3	COLHDG('INVOICE AMOUNT FC')
A	AMTC	15S 3	COLHDG('INVOICE AMOUNT CC')
A	DISC	15S 3	COLHDG('DISCOUNT')
A	TFA	3	COLHDG('TYPE OF MOVEMENT')
A	SFR	3S 0	COLHDG('SUB REFERENCE')
A	DSCD	8	COLHDG('DISCOUNT DATE')
A	RLS	3	COLHDG('RELEASE TYPE')
A	CADH1	2	COLHDG('TAXPAYER 1/COMP')
A	CADH2	15	COLHDG('TAXPAYER 2/COMP')
A	RADH1	2	COLHDG('TAXPAYER 1/CUST')
A	RADH2	15	COLHDG('TAXPAYER 2/CUST')
A	ORD	10	COLHDG('ORDER NO')
A	IDBK	20	COLHDG('BANK ID')
A	MODE	1	COLHDG('MOV/PMT 1/2/4')
A	ISTS	1	COLHDG('INTERNAL STATUS')
A	USER	30	COLHDG('USER TEXT')
A	ST3	1	COLHDG('NO PRINT REMINDER')
A	VAT	1	COLHDG('INVOICE VAT « N »')
A	F1	32	
A	LACC	15	COLHDG('LINE ACCOUNT')
A	LOAMTF	15S 3	COLHDG('LINE INVOICE AMT')
A	LRATE	12S 7	COLHDG('LINE RATE')
A	LAMTC	15S 3	COLHDG('LINE CC AMOUNT')
A	LQTY	9S 0	COLHDG('LINE QTY')
A	LDESC	25	COLHDG('LINE DESC')
A	LREF	10	COLHDG('LINE REFERENCE 1')
A	LREF2	10	COLHDG('LINE REFERENCE 2')
A	LREF3	15	COLHDG('LINE REFERENCE 3')
A	LAMTF	15S 3	COLHDG('LINE ACC AMOUNT')
A	LOCUR	3	COLHDG('LINE ACC CUR')
A	LVATC	1	COLHDG('VAT REC Y/N')
A	LBASF	15S 3	COLHDG('LINE BASE FC')
A	LBASC	15S 3	COLHDG('LINE BASE CC')
A	LVATC1	5	COLHDG('VAT RATE BASE')
A	LVATC2	3	COLHDG('VAT NATURE')
A	LVATC3	3	COLHDG('VAT LOCATION')
A	LDES2	25	COLHDG('LINE DESC 2')
A	LVDAT	8	COLHDG('VALUE DATE')
A	F2	8	
A	K COMP		
A	K DSC		
A	K PER		
A	K CUS		
A	K REF		
A	K MODE		

Principle of recording information

An invoice generates a recording or several recordings in the open posts of the SIMIC-RECEIVABLES and may generate one or more account transactions for the deduction of this invoice in the SIMIC-GENERAL LEDGER.

You must therefore create as many recordings as there are account counterparts for the invoice.

A recording of the SMFRIN file is composed of four distinct parts :

- | | |
|----------------------|---|
| 1st part | contains key data (company, customer, number, invoice number, nature of the piece, currency). |
| 2 nd part | contains general invoice information. |
| 3 rd part | contains account deductions. |
| 4 th part | contains data necessary for VAT. |

The account deduction amounts are signed following the nature of the transaction. To put them in the Debit of the account, one indicates a plus (+) or if one wants to put them in the Credit of an account, one indicates a minus (-).

Example 1 :

Involves an invoice whose merchandise is destined for the internal market, with one VAT part at 6.5% and the other at the rate of 2%.

This invoice has only one due date.

Company 766
Registration nr VAT : CH 123456

Invoice nr : 98204
Customer nr : 21057

Demeasmekert B.V.

Date : 13.10.94

Item	Quantity	Description	Value	
AA01	10	Bottles	1000.00	60010
BB02	2	Pieces	2000.00	60020
		Total goods	3000.00	
		Total discount	300.00-	61000
		Net goods	2700.00	
		Taxe 1 on 900.00	58.50	70100
		Taxe 2 on 1800.00	36.00	70200
		To be paid within 30 days	2794.50	15000

If one wants to ventilate the details per line of this invoice in the general ledger accounts, it is necessary to generate 5 recordings in the SMFRIN file.

One or more recordings contain general information of the invoice.

It is necessary to create a recording per payment due date of the invoice.

A maximum of 999 due dates is accepted.

It is not necessary to create a recording for the 'Collective receivables' counterpart as this counterpart will be generated during the update (option 373).

The account number used for this counterpart will be taken in the customer's recording of the RBFCUS file (In our example, account number 15000).

If you have fixed a collective account per currency, the counterpart account will depend on the invoice currency.

If the invoice currency does not correspond with any of the accounts per currency fixed in the RBFCUS file the first counterpart account will be chosen.

Minimum contents of recordings resulting from our example

FIELDS		RECORDS					
		No 1	No 2	No 3	No 4	No 5	No 6
COMPANY CODE	KEY	766	766	766	766	766	766
CUSTOMER	KEY	21057	21057	21057	21057	21057	21057
REFERENCE	KEY	98204	98204	98204	98204	98204	98204
PERIOD	KEY	10	10	10	10	10	10
DATA SET	KEY	1	1	1	1	1	1
CURRENCY		CHF	CHF	CHF	CHF	CHF	CHF
INVOICE TYPE							F
TERMS							A30
NO BVR							
MOVEMENT DATE							13101994
DUE DATE							
INVOICE AMOUNT FC		.000	.000	.000	.000	.000	2'794.500
INVOICE AMOUNT CC		.000	.000	.000	.000	.000	.000
DISCOUNT		.000	.000	.000	.000	.000	.000
TYPE OF MOVEMENT							101
SUB REFERENCE		000	000	000	000	000	000
DISCOUNT DATE							
RELEASE TYPE							
TAXPAYER 1/COMP							CH
TAXPAYER 2/COMP							123456
TAXPAYER 1/CUST							
TAXPAYER 2/CUST							
ORDER NO							
BANK ID							
MOV/PMT 1/2/4	KEY	1	1	1	1	1	1
INTERNAL STATUS							
USER TEXT							your call
NO PRINT REMINDER							
INVOICE VAT « N »							
RBF7F1							
LINE ACCOUNT		60010	60020	61000	70100	70200	
LINE INVOICE AMT		-1'000.000	-2'000.000	300.000	58.500	36.000	.000
LINE RATE		0	0	0	0	0	0
LINE CC AMOUNT		.000	.000	.000	.000	.000	.000
LINE QTY		10	2	0	0	0	0
LINE DESC		Bottle	Piece	Discount	Taxe 1	Taxe 2	
LINE DESC 2		sales	sales				
VALUE DATE							
LINE REFERENCE 1		21057/3	21057/3	21057/3	21057/3	21057/3	
LINE REFERENCE 2							
LINE REFERENCE 3		AA01	BB02				
LINE ACC AMOUNT		.000	.000	.000	.000	.000	.000
LINE ACC CUR							
VAT REC Y/N		N	N	N	Y	Y	N
LINE BASE FC		.000	.000	.000	900.000	1'800.000	.000
LINE BASE CC		.000	.000	.000	.000	.000	.000
VAT RATE BASE					CH065	CH002	
VAT NATURE					BIE	BIE	
VAT LOCATION					CH	CH	

Example 2 :

Concerns an invoice whose merchandise is destined for the internal market, with one VAT part at 6.5% and the other part at the rate of 2%.

This invoice has several due dates.

Company 766					
Registration nr VAT : CH 123456				Demeasmekert B.V.	
Invoice nr : 98204					
Customer nr : 21057					
		Date : 13.10.94			
Item	Quantity	Description	Value		
AA01	10	Bottles	1000.00		60010
BB02	2	Pieces	2000.00		60020
		Total goods	3000.00		
		Total discount	300.00-		61000
		Net goods	2700.00		
		Taxe 1 on 900.00	58.50		70100
		Taxe 2 on 1800.00	36.00		70200
		To be paid within 10 days	2794.50		15000
		TOTAL INVOICE	2794.50		15000
Terms :		1000.00	within 30 days		
		1000.00	within 60 days		
		794.50	within 90 days		

In this case one creates a recording of type 101 per due date.

For the example one can also use an account recording to make appear information relative to a due date.

Minimum contents of recordings resulting from our example 2

FIELDS	RECORDS						
	No 1	No 2	No 3	No 4	No 5	No 6	No 7
COMPANY CODE	KEY	766	766	766	766	766	766
CUSTOMER	KEY	21057	21057	21057	21057	21057	21057
REFERENCE	KEY	98204	98204	98204	98204	98204	98204
PERIOD	KEY	10	10	10	10	10	10
DATA SET	KEY	1	1	1	1	1	1
CURRENCY		CHF	CHF	CHF	CHF	CHF	CHF
INVOICE TYPE					F	F	F
TERMS					A30	A60	A90
NO BVR							
MOVEMENT DATE					13101994	13101994	13101994
DUE DATE							
INVOICE AMOUNT FC		.000	.000	.000	.000	1'000.000	794.500
INVOICE AMOUNT CC		.000	.000	.000	.000	.000	.000
DISCOUNT		.000	.000	.000	.000	.000	.000
TYPE OF MOVEMENT					101	101	101
SUB REFERENCE		000	000	000	001	002	003
DISCOUNT DATE							
RELEASE TYPE							
TAXPAYER 1/COMP					CH	CH	CH
TAXPAYER 2/COMP					123456	123456	123456
TAXPAYER 1/CUST							
TAXPAYER 2/CUST							
ORDER NO							
BANK ID							
MOV/PMT 1/2/4	KEY	1	1	1	1	1	1
INTERNAL STATUS							
USER TEXT							
NO PRINT REMINDER							
INVOICE VAT « N »							
RBF7F1							
LINE ACCOUNT		60010	60020	61000	70100	70200	
LINE INVOICE AMT		-1'000.000	-2'000.000	300.000	58.500	36.000	.000
LINE RATE		0	0	0	0	0	0
LINE CC AMOUNT		.000	.000	.000	.000	.000	.000
LINE QTY		10	2	0	0	0	0
LINE DESC		Bottle	Piece	Discount	Taxe 1	Taxe 2	
LINE DESC 2		sales	sales				
VALUE DATE							
LINE REFERENCE 1		21057/3	21057/3	21057/3	21057/3	21057/3	
LINE REFERENCE 2							
LINE REFERENCE 3		AA01	BB02				
LINE ACC AMOUNT		.000	.000	.000	.000	.000	.000
LINE ACC CUR							
VAT REC Y/N		N	N	N	Y	Y	N
LINE BASE FC		.000	.000	.000	900.000	1'800.000	.000
LINE BASE CC		.000	.000	.000	.000	.000	.000
VAT RATE BASE					CH065	CH002	
VAT NATURE					BIE	BIE	
VAT LOCATION					CH	CH	

RBF7F2

Example 3 :

Concerns a foreign currency invoice for exported merchandise.

This invoice will appear in the VAT discount under the heading 'exports'.

Company 766					
Registration nr VAT : CH 123456					
			Demeasmekert B.V.		
Invoice nr : 98204					
Customer nr : 21057					
Date : 13.10.94					
Item	Quantity	Description	Value		
AA01	10	Bottles	USD	1000.00	60010
BB02	2	Pieces	USD	2000.00	60020
Total goods			USD	3000.00	
Total discount			USD	300.00	61000
Net goods			2700.00		
TOTAL INVOICE			USD	2700.00	15000
Terms : within 30 days					
Export goods					

In this case one writes as account recording (**recording no 4**) with a zero value in the LINE INVOICE AMT zone.

Account 70100 used in this recording is a tax account.

This method allows the interface programme to generate a VAT recording.

Minimum contents of recording resulting from our example

FIELDS	RECORDS				
	No 1	No 2	No 3	No 4	No 5
COMPANY CODE	KEY	766	766	766	766
CUSTOMER	KEY	21057	21057	21057	21057
REFERENCE	KEY	98204	98204	98204	98204
PERIOD	KEY	10	10	10	10
DATA SET	KEY	1	1	1	1
CURRENCY		USD	USD	USD	USD
INVOICE TYPE					F
TERMS					A30
NO BVR					
MOVEMENT DATE					13101994
DUE DATE					
INVOICE AMOUNT FC		.000	.000	.000	2'700.000
INVOICE AMOUNT CC		.000	.000	.000	.000
DISCOUNT		.000	.000	.000	.000
TYPE OF MOVEMENT					101
SUB REFERENCE		000	000	000	000
DISCOUNT DATE					
RELEASE TYPE					
TAXPAYER 1/COMP					CH
TAXPAYER 2/COMP					123456
TAXPAYER 1/CUST					
TAXPAYER 2/CUST					
ORDER NO					
BANK ID					
MOV/PMT 1/2/4	KEY	1	1	1	1
INTERNAL STATUS					
USER TEXT					your call
NO PRINT REMINDER					
INVOICE VAT « N »					
RBF7F1					
LINE ACCOUNT		60010	60020	61000	70100
LINE INVOICE AMT		-1'000.000	-2'000.000	300.000	.000
LINE RATE		0	0	0	0
LINE CC AMOUNT		.000	.000	.000	.000
LINE QTY		10	2	0	0
LINE DESC		Bottle	Piece	Discount	Export
LINE DESC 2		sales	sales		
VALUE DATE					
LINE REFERENCE 1		21057/3	21057/3	21057/3	21057/3
LINE REFERENCE 2					
LINE REFERENCE 3		AA01	BB02		
LINE ACC AMOUNT		.000	.000	.000	.000
LINE ACC CUR					
VAT REC Y/N		N	N	N	Y
LINE BASE FC		.000	.000	.000	2'700.000
LINE BASE CC		.000	.000	.000	.000
VAT RATE BASE					CHEXP
VAT NATURE					BIE
VAT LOCATION					USA

Example 4 :

Concerns an invoice which must not enter the VAT accounts, that's to say outside the VAT fields.

It does not appear in the VAT discount.

The value date of the account transaction in the interest account is fixed to 30.09.94.

Company 766					
Registration nr VAT : CH 123456					
			Demeasmekert B.V.		
Invoice nr : 98204					
Customer nr : 21057					
Date : 13.10.94					
Item	Quantity	Description	Value		
INT00	1	Lateness interest	CHF	200.00	61010
TOTAL INVOICE			CHF	200.00	15000
Terms : within 30 days					
Outside VAT fields					

In this case it is enough to put the value « N » in the INVOICE VAT « N » field.

The interface programme does not generate any VAT recording.

Minimum contents of recordings resulting from our example

FIELDS		RECORDS
		No 1
COMPANY CODE	KEY	766
CUSTOMER	KEY	21057
REFERENCE	KEY	98204
PERIOD	KEY	10
DATA SET	KEY	1
CURRENCY		USD
INVOICE TYPE		Z
TERMS		A30
NO BVR		
MOVEMENT DATE		13101994
DUE DATE		
INVOICE AMOUNT FC		200.000
INVOICE AMOUNT CC		.000
DISCOUNT		.000
TYPE OF MOVEMENT		101
SUB REFERENCE		000
DISCOUNT DATE		
RELEASE TYPE		
TAXPAYER 1/COMP		
TAXPAYER 2/COMP		
TAXPAYER 1/CUST		
TAXPAYER 2/CUST		
ORDER NO		
BANK ID		
MOV/PMT 1/2/4	KEY	1
INTERNAL STATUS		
USER TEXT		Interest
NO PRINT REMINDER		
INVOICE VAT « N »	N	
RBF7F1		
LINE ACCOUNT		61010
LINE INVOICE AMT		-200.000
LINE RATE		0
LINE CC AMOUNT		.000
LINE QTY		0
LINE DESC		Interest
LINE DESC 2		
VALUE DATE		30091994
LINE REFERENCE 1		21057/3
LINE REFERENCE 2		
LINE REFERENCE 3		
LINE ACC AMOUNT		.000
LINE ACC CUR		
VAT REC Y/N		N
LINE BASE FC		.000
LINE BASE CC		.000
VAT RATE BASE		
VAT NATURE		
VAT LOCATION		
RBF7F2		

Example 5 :

Concerns a credit note whose merchandise is destined for the internal market with one VAT part at 6.5% and the other at 2%.

This invoice has one due date.

The due date is the same as the credit note date, so it will be forced into the due date zone.

Company 766				
Registration nr VAT : CH 123456				
Credit note : 98204			Demeasmekert B.V.	
Customer nr : 21057				
Date : 13.10.94				
Item	Quantity	Description	Value	
AA01	10	Bottles	1000.00-	60010
BB02	2	Pieces	2000.00-	60020
		Total goods	3000.00-	
		Taxe 1 on 1800.00-	65.00-	70100
		Taxe 2 on 2800.00-	40.00-	70200
		Amount posted	3105.00-	

In this case the amounts in fields INVOICE AMOUNT FC and INVOICE AMOUNT CC (if used) have a numerically negative value.

TYPE OF MOVEMENT is filled with the value 102 which signifies, according to the table of standard movement types a credit note.

The VAT bases are also negative.

The transactions follow the rules of the accounting sign.

Minimum contents of recordings resulting from our example

FIELDS	RECORDS				
	No 1	No 2	No 3	No 4	No 5
COMPANY CODE	KEY	766	766	766	766
CUSTOMER	KEY	21057	21057	21057	21057
REFERENCE	KEY	98204	98204	98204	98204
PERIOD	KEY	10	10	10	10
DATA SET	KEY	1	1	1	1
CURRENCY		CHF	CHF	CHF	CHF
INVOICE TYPE					F
TERMS					A00
NO BVR					
MOVEMENT DATE					13101994
DUE DATE					13101994
INVOICE AMOUNT FC		.000	.000	.000	-3'105.000
INVOICE AMOUNT CC		.000	.000	.000	.000
DISCOUNT		.000	.000	.000	.000
TYPE OF MOVEMENT					102
SUB REFERENCE		000	000	000	000
DISCOUNT DATE					13101994
RELEASE TYPE					
TAXPAYER 1/COMP					CH
TAXPAYER 2/COMP					123456
TAXPAYER 1/CUST					
TAXPAYER 2/CUST					
ORDER NO					
BANK ID					
MOV/PMT 1/2/4	KEY	1	1	1	1
INTERNAL STATUS					
USER TEXT					
NO PRINT REMINDER					
INVOICE VAT « N »					
RBF7F1					
LINE ACCOUNT		60010	60020	70100	70200
LINE INVOICE AMT		1'000.000	2'000.000	-65.000	-40.000
LINE RATE		0	0	0	0
LINE CC AMOUNT		.000	.000	.000	.000
LINE QTY		-10	-2	0	0
LINE DESC		Return	Return	Taxe 1	Taxe 2
LINE DESC 2		Bottles	Pieces		
VALUE DATE					
LINE REFERENCE 1		21057/3	21057/3	21057/3	21057/3
LINE REFERENCE 2					
LINE REFERENCE 3		AA01	BB02		
LINE ACC AMOUNT		.000	.000	.000	.000
LINE ACC CUR					
VAT REC Y/N		N	N	Y	Y
LINE BASE FC		.000	.000	-1'000.000	-2'000.000
LINE BASE CC		.000	.000	.000	.000
VAT RATE BASE				CH065	CH002
VAT NATURE				BIE	BIE
VAT LOCATION				CH	CH

Contents of the zones of the SMFRIN file

The information below gives you the contents wished of each zone of the SMFRIN file.

1st part - Zones to be filled on each recording

The zones described below are necessary on each recording concerning the invoice.

RBF7COMP *Company number*

Obligatory for each recording.

This number contains the company number (accounting no) that you want to deduct from.

If you are working in multi-companies you can load in the same treatment the data for several companies.

RBF7CUS *Customer number*

Obligatory for each recording.

Contains the number of the customer to be deducted.

RBF7REF *Invoice number*

Obligatory for each recording.

Contains your invoice number or the reference number for the identification of the invoice and consequently of the payment.

Attention : The invoice number must be unique per company.

This zone must be framed on the right with the zeros in front, like a numerical zone.

RBF7PER *Account Period*

Optional.

This zone contains the number of the account period, within the limits of 01 to 13.

If the period is not filled, the update programme (option 373) takes the period given in the 'Period substituted' zone of the selection image of option 373.

If you leave the contents by default (CP = Current Period) in zone 'Period substituted' in the selection image, the interface takes the current period in the 'Company' file.

RBF7DSC *«Data-Set» code*

Optional.

This code determines in which 'Data Set' you wish to deduct the account transactions

«Data-Set» no 1 corresponds to the current year ;

«Data-Set» no 2 corresponds to the last year.

If this zone is empty, the update programme (option 373) takes the data set in which you execute this option.

RBF7CUR *Invoice currency*

Obligatory.

This code used must correspond with the currency code contained in the currency file (RBFCUR).

RBF7MODE Movement type code

Obligatory.

This code determines the movement type (open post) to be created in the open post file.

Definition of authorised codes :

1 = Invoice/credit note/ debit note

2nd part - Zones to be filled once per invoice

The zones described below are only necessary once per invoice. To make the treatment easier you can make them appear in any recording of the group of recordings concerning the invoice.

This information can also appear on a separate recording.

RBF7IVTP Invoice type

Optional.

This zone may be used to define an invoice type ;

for example : M = Merchandise

S = Service

Etc...

This zone is not validated by the SIMIC programmes.

RBF7TRM Terms of payment

Optional.

Terms of payment used must exist in the terms of payment file of SIMIC-RECEIVABLES.

If this zone is not filled, the update programme (option 373) will complete it with data contained in the 'terms of payment' zone of the customer in the «RBFCUS» file.

RBF7BVR Information contained on referenced payment bulletins

Optional.

This zone, specific to Switzerland, may contain information printed on OCR characters at the foot of the 'referenced payment bulletins' used by the Swiss Post Office.

This information allows identification of the invoice when being treated by the data equipment used during payment by the CCP.

In other countries, it may be used for other ends. (See example in the DTA documentation)

RBF7DI Invoice date

Obligatory.

This zone contains the invoice date in the format JJMMCCAA (Day, Month, Century, Year).

This date will also be the calculation base for the determination of the due date, as a function of the contents of the RBF7TRM zone (terms of payment) as long as the due date zone RBF7DD is not filled

RBF7DD Due date of the invoice

Optional.

This zone contains the due date of the invoice in the format JJMMCCAA (Day, Month, Century, Year).

If the date is not supplied the update programme (option 373) will calculate this date as a of the RBF7TRM zone (invoice date) and of the RBF7DD zone (terms of payment).

RBF7AMTF Net amount of the invoice in invoice currency

Obligatory.

Whatever currency used for this invoice and including whether the invoice is in company currency, this zone will be filled by the net total amount to be paid.

This zone will be signed positive (+) for an invoice or negative (-) for a credit note.

RBF7AMTC *Net amount of the invoice in company currency*

Optional.

May contain the counter-value of the invoice amount in company currency.

If this zone is filled SIMIC calculates the exchange rate used and applies it to all transactions coming from this invoice.

If the zone is at zero it is the rate of the fixed period which is applied to all transactions relating to this invoice.

RBF7DISC *Total rebate amount accorded on an invoice in invoice currency*

Optional.

This zone may contain the total of the rebate accorded to the invoice in the same currency as the net amount.

This amount has only an informative goal and will not automatically be processed.

If you want to process this amount, it is necessary to do it on the 'amount deduction' part of a recording.

RBF7TFA *Movement type.*

Obligatory.

This code is related to the table of movement types visible in menu point 204.

This table is supplied in standard form with the following codes :

Type	Language	Description
101	F	Invoice
102	F	Credit note
103	F	Debit note

In this interface only these types of code are accepted.

However if you create your own codes, they are also usable in this zone.

104	F	Detached pieces invoice
105	F	Invoice maintenance

Etc.....

Attention : The codes put in this zone must exist in the SMFTFA table, for this company.

RBF7ISTS *Recording Status.*

Must be blank.

RBF7SRF *Sub-reference*

Obligatory

Contains the recording number if you use the possibility of putting several due dates for the same invoice/credit note.

By default the zone is initialised at zero.

When an invoice/CN has only one due date the zone remains zero.

On the other hand if an invoice has two due dates or more, the first recording containing invoice information starts with 001.

Example : Invoice with three due dates

First recording with the first due date, the value of RBF7SRF is 001

Second recording containing the second due date, the value of RBF7SRF is 002.

Third recording containing the third due date, the value of RBF7SRF is 003.

RBF7DSCD *Due date*

Optional

May contain the due date of the invoice calculated by your care.

In this case the RBF7TERM will not be used to calculate this date.

Format JJMMCCAA

RBF7RLS *Payment mode*

Optional

May contain the payment mode foreseen for this invoice.

Is used generally for registering payments using electronic means such as the LSV.

RBF7CADH1 *Countries ISO of company registration*

Optional

If this zone is blank, the ISO code is taken from the company recording.

RBF7CADH2 *Company registration number*

Optional

If the zone is blank, the registration number is taken from the company recording.

RBF7RADH1 *Countries ISO from customers*

Optional

This zone may contain the countries ISO from the customer subject to tax.

RBF7RADH2 *Customer registration number*

Optional

This zone may contain the registration number of the customer subject to tax.

RBF7ORD *Customer order number*

Optional

This zone may contain the number of the order of the customer.

RBF7IDBK *Bank information for payment*

Optional

May contain the customer's identification number for electronic payments such as LSV.

RBF7USER *User text.*

Optional

This field allows you to input a text relating to a line of the invoice.

RBF7ST3 Reminder exclusion codeOptional

If you don't want this invoice to appear on the SIMIC automatic reminders, then you put the value 'N' in this zone.

RBF7VAT *Outside tax field code*

Optional

If you want to exclude this invoice from bases and calculations relating to taxes, then give the value 'N' to this zone.

Attention : If « N », Then this invoice is excluded from the VAT declaration lists.

3rd part - Zones to be filled for each account deduction

The account transaction must be recorded in the invoice currency.

Conversions into account and/or company currency are taken care of by the interface programme as long as they are at zero.

RBF7LACC *G.L. account number*

Obligatory.

This account number will be used to generate a transaction as a function of the currency code of this account.

This number must exist in the chart of accounts.

RBF7LOAMTF *Amount to deduct in invoice currency*

Obligatory

This zone is signed :

- With a + (plus) for an amount DEBITTING the account.
- With a - (minus) for an amount CREDITTING the account.

You must therefore respect the accounting files.

RBF7LRATE *Exchange rate*

Optional.

If you want to force the exchange rate which will bring the amount contained in zone RBF7LOAMTF back into company currency.

If this zone is at zero, the update programme (option 373) will complete it automatically with the exchange rate of the accounting period.

RBF7LAMTC *Amount to deduct in company currency*

Optional.

This zone follows the same sign rules as zone RBF7LAMTF.

It is used if you want to force the amount into company currency.

If this zone is zero, the update programme (option 373) completes it automatically as a function of the contents of zone RBF7LRATE.

RBF7QTY *Quantity to deduct from the account*

Optional.

This zone follows the same sign rules as zone RBF7LAMTF.

RB7DESC Transaction description

RB7DES2 Transaction description

Optional.

Allows inserting a description. This description will only be taken if, during execution of the update programme (option 373), you choose to put the 'Detailed Allocation' parameter at 'Y' (yes).

If during the update programme (option 373), you choose to put the 'Detailed Allocation' parameter at 'Y' (yes) and if the zone is blank then the update programme will fill this zone with the customer's number and the beginning of the customer's name coming from RBFCUS.

If, during the execution of the update programme (option 373), you choose to put the 'Detailed Allocation' parameter at 'N' (no), then the update programme will fill this zone with the contents of the 'Description' parameter in the INTERFACE MENU image.

RB7REF Transaction reference

Optional

Allows putting a reference in the transaction. This reference will only be taken if, during the execution of the update programme (option 373), you choose to put the 'Detailed Allocation' parameter at 'Y' (yes).

If this zone is not filled, and if, during execution the update programme (option 373), you choose to put the 'Detailed Allocation' at 'Y' (yes), the contents of zone RB7REF will be carried over into the zone by the update programme (option 373).

If, during the execution of the update programme (option 373), you choose to put the 'Detailed Allocation' parameter at 'N' (no), then the update programme will put this zone blank.

RB7REF2 to RB7REF3

Reference 2 and 3

Optional

These zones allow you to input supplementary references for the invoice.

RB7LAMTF Amount in account foreign currency

Optional

If this zone is filled, the account currency will be forced.

RB7LOCUR Account foreign currency

Optional

If this zone is filled, the system will execute a validity check on the destination account currency (specified in RB7LACC). If the contents of this zone and that of RB7LACC do not correspond, an error will be generated.

RB7LV DAT Transaction value date

Optional

This zone allows giving a value date different from the transaction date in the General Ledger (GL).

If the zone is not filled the transaction will be copied into the value date zone.

4th Part - Zones to be filled on each tax deduction

The zones contained in this paragraph serve to create necessary recordings for management of taxes.

They are all dependant on the contents of zone RBF7LVATC.

They will be linked to the account transaction amount contained in the same recording, generally a transaction in tax account.

RBF7LVATC Tax record code

Obligatory

This zone is filled on all recordings with the following values :

« Y » if the transaction part of the current recording concerns a transaction in a tax account.

« N » if the transaction part does not concern a tax transaction.

RBF7LBASF Tax base amount

Obligatory if RBF7LVATC is = « Y »

Put the base amount used in the calculation of tax in invoice currency.

RBF7LBASC Tax base amount

Optional

Put the base amount used to calculate tax in the company currency.

If the zone is not filled, it will be completed by the interface programme with the rate of the accounting month or the rate resulting from the calculation of zones RBF7AMTF / RBF7AMTC.

RBF7LVATC1 Tax base code

Obligatory if RBF7LVATC is = « Y »

This zone is split into two sub zones :

2 characters for the country code

3 characters for the tax code

Example : CH065 = VAT at 6.5% rate

Information contained in this zone is controlled with the contents of the SMFTX1 file, visible in menu point 74.

RBF7VATC2 Premium nature code

Obligatory if RBF7LVATC is = « Y »

This zone contains the nature of the premium linked to the base amount.

Information contained in this zone is controlled with the contents of the SMFNAT file, visible in menu point 75.

RBF7VATC3 Destination code

Obligatory if RBF7LVATC is = « Y »

This zone contains the destination of the merchandise or premium.

Information contained in this zone is controlled with the contents of the SMFLOC file, visible in menu point 76.

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