BaanERP (Grieg SP4 and Corelli)

Definition of BaanEMIS V RAD001A Import and Export File for the EDI Business Document Remittance Advice

A publication of:

Baan Development B.V.
P.O.Box 143
3770 AC Barneveld
The Netherlands

Printed in the Netherlands

Document Information

Code:	U7400A US
Group:	User Documentation
Edition:	A
Date:	April, 2000

Table of contents

About this document

This documentation describes in a detailed way the standard inhouse data formats, which the BAAN Electronic Message Interchange System BaanEMIS V requires as interfaces to the respective EDI Sub-System.

The documentation is intended for developers of EDI Sub-Systems, which want to realize an interface of their software to BaanERP. Furthermore, it supports consultants, who want to implement and verify such an interface within a customer project.

Chapter 1 gives an overview over the general principles of the relevant EDI message. For example available kinds of data records, message structure, key fields and other conventions.

Chapter 2 describes all corresponding kinds of data records for the EDI message in a detailed way. All data fields are listed in an overview table in connection with the corresponding table fields. In addition, every single field is described in a more detailed way. You will find information about the general conditions, which you need to observe for the processing in the EDI Sub-System or in BaanERP.

1. GENERAL PRINCIPLES

This section describes the BAAN EDI inhouse format for the business document type *Remittance Advice.*

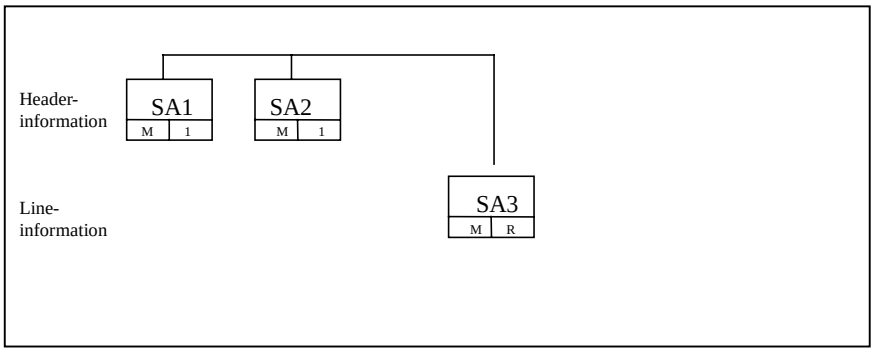
Available kinds of data records

The use of the following kinds of data records is conditional (C) respectively mandatory (M), when you transmit information about remittance advices.

Id	Status	Name
SA1	M	Overhead
SA2	M	Remittance Advice Header
SA3	M	Remittance Advice Lines

Branching diagramm

The following data record structure is used for the message type BaanEMIS – Remittance Advice:



Legend:

Status:	Frequency:
M: mandatory in message	1: once by message
C: conditional in message	R: repeatable by message

For example, for two required orders with each two lines the BaanEMIS V file has the following structure:

SA1 ... BaanERP Overhead
SA2 ... Remittance Advice Header
SA3 ... Remittance Advice Line
SA3 ... Remittance Advice Line
...
SA1 ... BaanERP Overhead
SA2 ... Remittance Advice Header
SA3 ... Remittance Advice Line
SA3 ... Remittance Advice Line

Key fields outgoing

The EDI business document “Remittance Advice” outgoing is not supported by BaanERP yet.

Key fields incoming

The following structure of the key fields is used to determine the related data records of an remittance advice message:

Kind of data record	Key field 1	Key field 2	Key field 3	Key field 4	Key field 5	Key field 6
SA1	Message Reference					
SA2	Message Reference					
SA3	Message Reference	Pay-by Business Partner	State-ment Code	Line Number		

Business Partner Relations

Outgoing Remittance Advice		Incoming Remittance Advice	
		Identification of the sender	ecedi020.neta

Network directories

The so-called network directories form the basis of the communication between the EDI Sub-System and BaanERP. These directories are established in BAAN. The network basis directories for each network will be defined in the BAAN session SEecedi0120m000. For the network BaanEMIS V, the basis directories can be indicated in the following way:

/auto3/baanerp/bemis5/rad001/

BAAN will additionally create the following subdirectories:

/auto3/baanerp/bemis5/rad001/appl_from/
/auto3/baanerp/bemis5/rad001/appl_to/
/auto3/baanerp/bemis5/rad001/command/
/auto3/baanerp/bemis5/rad001/store_recv/
/auto3/baanerp/bemis5/rad001/store_sent/
/auto3/baanerp/bemis5/rad001/trace/

The above mentioned directories have the following function:

1. **.../appl_from/:** In this directory, BaanERP records the outgoing messages which are the defined BaanEMIS V inhouse format files. The EDI Sub-System can collect them from here.
2. **.../appl_to/:** The EDI Sub-System writes the incoming message into this directory in the BaanERP inhouse format.
3. **.../command/:** Directory of the semaphores.
4. **.../store_recv/:** BaanERP stores in this directory processed incoming messages, if the configuration is accordingly. During this process an additional subdirectory by incoming message file will be created which is named with a date and time stamp indicating when the message was moved.

5 **.../store_sent/:** BaanERP stores in this directory processed outgoing messages if the configuration is accordingly. During this process an additional subdirectory by incoming message file will be created which is named with a date and time stamp indicating when the message was moved.

6 **../trace/:** BaanERP creates under this directory a log of the incoming and outgoing messages in the processing order, if the configuration is accordingly.

For every message type one network directory will be used for outgoing and one for incoming messages. This means that one message file contains data for several business partners.

The file name of the BaanEMIS V inhouse format file of the remittance advice, which is being described in this documentation, is defined in the following way:

Direction	File name	Network directory
outgoing		../appl_from
incoming	rad001.txt	../appl_to

BaanEMIS V Messages - Conventions

The following general rules apply to a message record in a BaanEMIS V message file:

1. Every message record starts with “SAx“
2. Every message record ends with “SAx_END“
3. The length of a data record can vary.
4. The message record must consist of all fields, even if not every field contains a value.
5. The fields in the file must be separated by a ; .
6. A filled string field have to be put in **“....“**.

In the following sections you will find the format descriptions for the individual kinds of data records of the interface file. The table contains the following data:

INVOICE INHOUSE FORMAT				
Pos.	***FIELD DESCRIPTION***	***Key***	***ST***	***FM***

The first block of the table describes the format of a kind of data record:

Pos.	Position of the field in the data record	
Field description	Description of the field	
Key	Key field outgoing (O) / incoming (I)	
ST	Field status mandatory (M) / conditional (C)	
FM	Field format	
	an..14	alphanumerical field with a maximum of 14 characters
	an14	alphanumerical field with exactly 14 characters
	n..10	numerical field with a maximum of 10 characters
	n1	numerical field with exactly 1 character

Mapping from Application Table Fields (Out)		*Mapping to Application Table Fields (In)*	
Table Field	***Action***	***Table Field***	***Action***

The second block of the table describes the corresponding table field in BaanERP as well as possible special actions, which will be carried out during the processing of the messages.

Following the table overview, every field is described in a more detailed way, including information about the processing in the EDI Sub-System and in BaanERP.

In the past, there seemed to be some doubts about the way BAAN points out a position within the message file. Here are some additional explanations:

As defined in BaanEMIS V a position within a message file is pointed out using two semikolons.

To draw an example: `”SAx”;...;Position;...;”SAx_END”`

If an position in a BaanEMIS V Message File is not taken by a value (this means the position is empty), the position is pointed out as shown above. Moreover the BAAN EDI Module distinguishes between numerical and alphanumerical data format. If a position defined as numerical is empty the position is pointed out using semikolons. On the other hand empty alphanumerical positions are exported in two way. The first way is to point out a position using the semicolons. The second way BAAN exports empty alphanumerical positions is to write two inverted commands within the position. This depends whether the alphanumerical field exists in BAAN’s database or not. Finally we take a look at the following example:

empty numerical Position:

`”SAx”;...;;...;”SAx_END”`

empty alphanumerical Position:

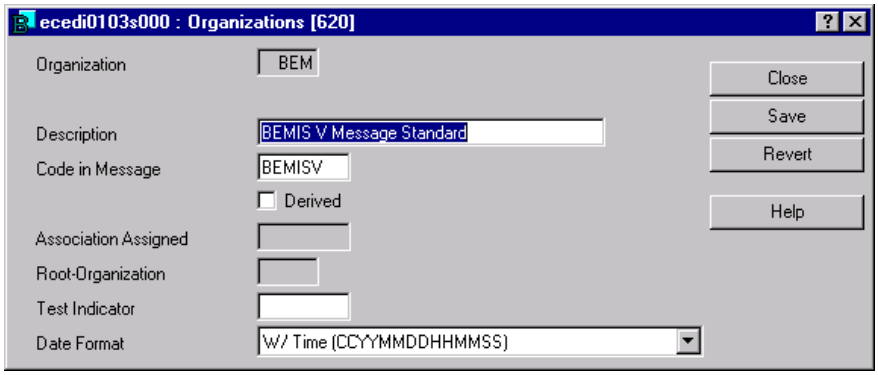
`”SAx”;...;;...;”SAx_END”`

or

`”SAx”;...;””;...;”SAx_END”`

What is new in comparison to BaanEMIS for BAAN IV

1. The Overhead has been changed. Please refer to Chapter 2 for more details.
2. Furthermore the positions of the rest of the data records has been restructured.
3. Coming with BaanEMIS V we have to introduce a new date / time format. The new date format consists of at maximum 14 digits as shown here.



The new format is now: CCYYMMDDHHMMSS. The date / time information is put as an numerical field to the position within the message.

4. Coming with BaanEMIS V, we introduce a new message naming and versioning:

   a) Each message type is named by abbreviation and its version number.

   To draw an example: INV 001

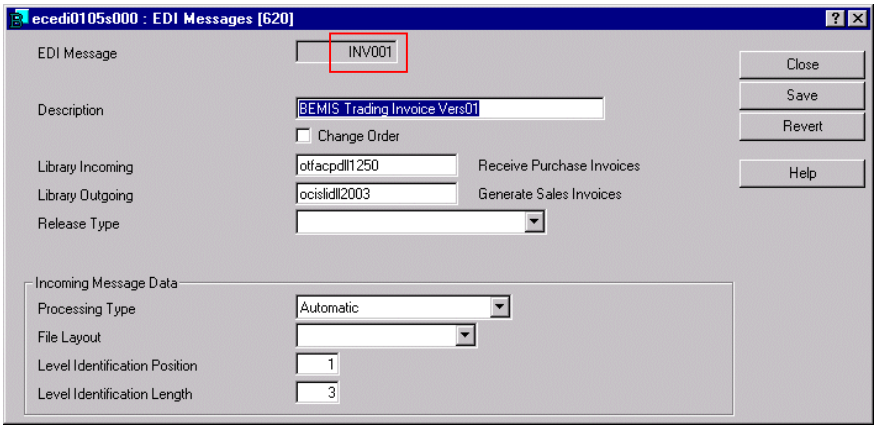
   Message Type: INV for TRADING INVOICE

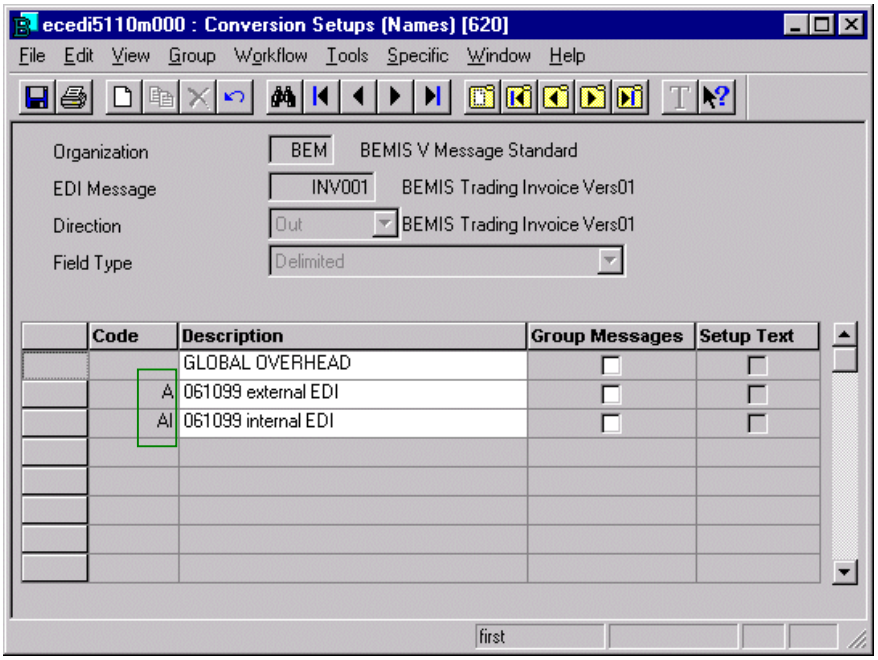
   Version: 1

   b) It is possible to define different releases to one message, e.g. Release A, B,... a.s.o.

   Example: To draw an example: INV001 A for an INVOICE

   Release





In case of adding new positions to message type a new version will be released.

We have the aim that the BaanEMIS V Message standard fits to needs of external and internal EDI. Hence we decided to deliver two different conversion setups for one release. One for external EDI and one for internal EDI. The conversion setup für internal EDI gets additionally the extension “I”. The structure is the same. For the internal EDI a conversion is only for the business partner codes necessary. Therefore the setup for the internal EDI has a minimum of conversions. It is also possible to use the iternal setup for external EDI and the other way around if additionaly conversion is needed or not.

To draw an example:

INV001 **A** → Release A for **external** EDI

INV001 **AI** → Release A for **internal** EDI

5. Incoming and outgoing messages have now the same file name.

6. The name of the message file is now depended from the message version.

7. Alternative Items / Item Code Systems

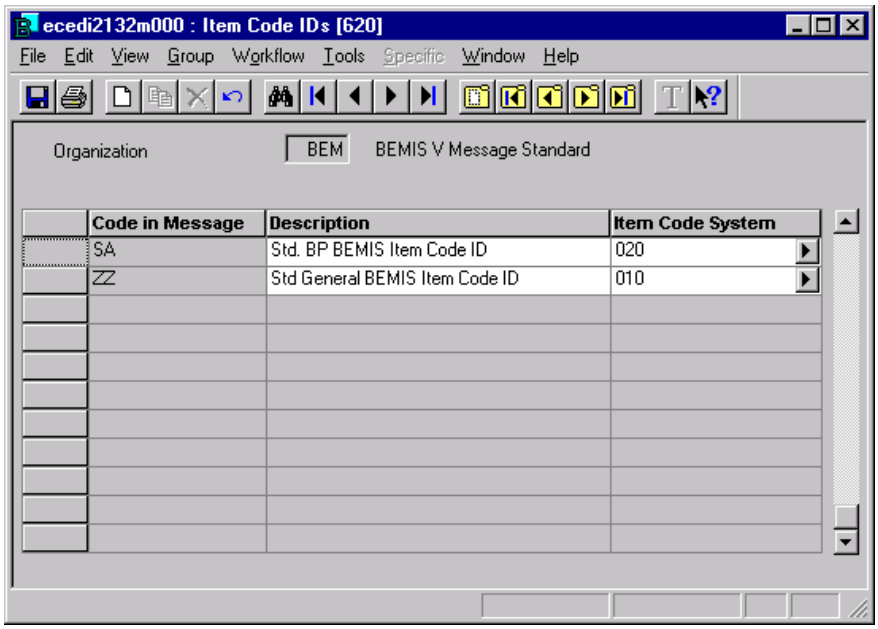
In comparison to BAAN IV the conversion of the Item Codes (customer's item code) has been changed.

BaanEMIS V comes with two predefined qualifiers in order to determine the internal item code. The Item Code Id's are used in oreder to distinguish between a general item conversion and a conversion which is business partner related.

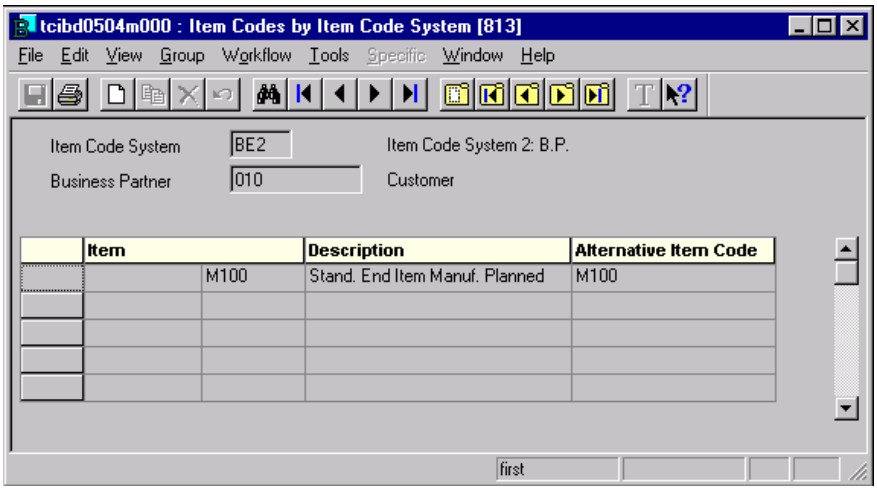
Therefore two Codes for the Item System are defined.

Looking at BaanERP Common data we will find the used table to translate the item codes:

a) General Code System:



b) Business Partner specific Code System:



The exported BaanERP Item Code is a string with at maximum 47 digists. At minimum the item code contains 10 digits. To draw anexample: “.....1” (nine leading blanks and at minimum one sign).

2. DATA RECORD DESCRIPTION BY KIND OF DATA RECORD

SA1 MESSAGE OVERHEAD

Status: Mandatory

Frequency: Once per remittance advice

Description: This data record contains information about the transmitter, the message type and the time of the transmission. The message reference identifies all related data records of this message.

REMITTANCE ADVICE INHOUSE FORMAT					*Mapping from Application Table Fields (out)*		*Mapping to Application Fields (in)*	
Pos	***FIELD DESCRIPTION***	***Key***	***ST***	***FM***	***Table Field***	***Action***	***Table Field***	***Action***
1.	Kind of data record	I	M	an3			SA1	
2.	Message reference	I	M	an..14			ecedi702.bano	Generation by EDI Sub-System
3.	Identification of the Sender		M	an..17			ecedi702.bpid	Conversion (see below)
4.	Identification of the Reciever		M	an..17				
5.	Message		M	an..6			ecedi702.mess	Conversion (see below)
6.	Organization		M	an..6			ecedi702.orga	Conversion (see below)
7.	Order type		M	an..35			ecedi702.koor	Conversion (see below)

REMITTANCE ADVICE INHOUSE FORMAT					*Mapping from Application Table Fields (out)*		*Mapping to Application Fields (in)*	
Pos	***FIELD DESCRIPTION***	***Key***	***ST***	***FM***	***Table Field***	***Action***	***Table Field***	***Action***
8.	Transmission reference		M	an..20			ecedi702.msno	
9.	Date / Time of transmission		M	n..14			ecedi702.send	
10.	Transmission reference old		C	an..20			ecedi702.prno	
11.	Identification of the technical message creator		C	an..35				
12.	Identifier of Test Messages		C	an1			ecedi702.test	empty means original message; 1 means Test message
13.	Message Function		C				ecedi702.mest	leave the position empty this means: ...;;...
14.	Data record end sign		M	an7			SA1_END	

Detailed description:	**Remittance Advice**
Kind of data record:	**SA1 Overhead**

Position	**1**	Field format **an3**	Field status **M**
Field name		**Kind of data record**	(Key field out/in)

Description: This field identifies the kind of data record in the message block. It contains the constant value ‘SA1’.

Processing outgoing

EDI Sub-System:

BAAN:

Processing incoming

EDI Sub-System: This field will be filled with the constant value ‘SA1’.

BAAN: None

Position	**2**	Field format **an..14**	Field status **M**
Field name		**Message reference**	

Description: This field identifies all connected data records of one invoice. The numbering, which has to be clear by invoice, helps to control the chronological order of the invoices and the complete transmission. The field consists of a fix item with four characters, the current date (format: YYMMDD) and a serial number with four characters.

	The special format will be defined in the network parameters in the BAAN table TBecedi020. When generating the message reference with the EDI Sub-System, the created message reference needs to be specific, that means unique. While storing the message reference BAAN controls whether it is specific.
Processing outgoing	
EDI Sub-System:	
BAAN:	
Processing incoming	
EDI Sub-System:	The EDI Sub-System generates this number to identify an invoice and writes it into all data records of an invoice.
BAAN:	Mapping to BAAN table field TFecedi702.bano.

Position	**3**	Field format	**an..17**	Field status	**M**
Field name		**Identification of the sender**			

Description:	This field contains the identification of the sender (e.g. the ILN Number)
Processing outgoing	
EDI Sub-System:	
BAAN:	
Processing incoming	
EDI Sub-System:	
BAAN:	The identification of the sender determines the corresponding business partner (customer) and the network in the table TBecedi028 ‘Relations by network’. This identification is mapped to the BAAN table field TFecedi702.bpid.

Position **4**	Field format **an..17**	Field status **M**
Field name	**Identification of the receiver** (Key field out/in)	

Description:	This field contains the identification of the receiver.
Processing outgoing	
EDI Sub-System:	
BAAN:	
Processing incoming	
EDI Sub-System:	Transmission of the value from the message file.
BAAN:	On the incoming side this field will be ignored.

Position **5**	Field format **an..6**	Field status **M**
Field name	**Message**	

Description:	This field contains the code for the identification of the concerned message. The code for the message type ‘Remittance Advice’ is RAD001.
Processing outgoing	
EDI Sub-System:	
BAAN:	
Processing incoming	
EDI Sub-System:	This field will be filled with the constant value ‘RAD001’.
BAAN:	The message code in the table TBecedi001 ‘Supported EDI Messages’ determines, which internal message in BAAN is connected to this order. In the BAAN table TBecedi005 ‘EDI Messages’ is determined for every message which session (Dll) is used in BAAN to process the order. The message code is mapped to the BAAN table field TFecedi702.mess.

Position	**6**	Field format **an..6**	Field status **M**
Field name		**Organization**	

Description:	This field contains the organization (Standard), which is used for the EDI communication.
Processing outgoing	
EDI Sub-System:	
BAAN:	
Processing incoming	
EDI Sub-System:	This field will be filled with the constant value ‘BaanEMISV’.
BAAN:	Mapping to BAAN table field TFecedi702.orga. The corresponding organization must have been entered into the BAAN table TBecedi003.

Position	**7**	Field format **an..35**	Field status **M**
Field name		**Order type**	

Description:	This field contains a code for the concerned Order type. You can define a code with your business partner or use RAD001 or blank.
Processing outgoing	
EDI Sub-System:	
BAAN:	
Processing incoming	
EDI Sub-System:	
BAAN:	Mapping to BAAN table field TFecedi702.koor. In the BAAN table TBecedi200 there must be an entry for this remittance advice in connection with the respective message and organization.

Position	**8**	Field format **an..20**	Field status **M**
Field name		**Transmission Reference**	

Description:	This field contains the reference code which the EDI Sub-System applied to this transmission.
Processing outgoing	
EDI Sub-System:	
BAAN:	
Processing incoming	
EDI Sub-System:	Transmission of the value from the transmission file.
BAAN:	Mapping to BAAN table field TFecedi702.msno. This field should contain the customer remittance advice number.

Position	**9**	Field format **n..14**	Field status **M**
Field name		**Date / Time of transmission**	

Description:	This field contains on the outgoing side the current date / time, on which the order message was created. On the incoming side, this field contains the arrival date / time of the remittance advice at the EDI Sub-System (format: YYYYMMDDHHMMSS).
Processing outgoing	
EDI Sub-System:	
BAAN:	
Processing incoming	
EDI Sub-System:	Entry of the arrival date / time of the message at the EDI Sub-System.
BAAN:	Mapping to BAAN table field TFecedi702.send

Position	**10**	Field format	**an..20**	Field status	**C**
Field name		**Transmission reference old**			

Description:	This field contains the reference number, which the EDI Sub-System applied to the previous transmission.
Processing outgoing	
EDI Sub-System:	
BAAN:	
Processing incoming	
EDI Sub-System:	Transmission of the value from the transmission file.
BAAN:	Mapping to BAAN table field TFecedi702.prno.

Position	**11**	Field format	**an..35**	Field status	**C**
Field name	**Identification of the technical message creator**				

Description:	This fields contains an identification of the technical message creator.
Processing outgoing	
EDI Sub-System:	
BAAN:	
Processing incoming	
EDI Sub-System:	The EDI Sub System put its identifierer to this position.
BAAN:	None.

Position	**12**	Field format **n1**	Field status **C**
Field name		**Indentifier of Test Messages**	

Description:	Identification if the message is a test message or an original message.
Processing outgoing	
EDI Sub-System:	
BAAN:	
Processing incoming	
EDI Sub-System:	Transmission of the value from the transmission file.
BAAN:	Test messages are checked but not entered in the system. There will be a report, if the message is okay or not.

Position	**13**	Field format **an..35**	Field status **C**
Field name		**Message Function**	

Description:	Function of the message.
Processing outgoing	
EDI Sub-System:	
BAAN:	
Processing incoming	
EDI Sub-System:	Leave empty
BAAN:	

Position	**14**	Field format	**an7**	Field status	**M**
Field name		**Data record end sign**			

Description: This field indicates the end of the data record. It contains the constant value ‘SA1_END’.

SA2 REMITTANCE ADVICE HEADER

Status : Mandatory

Frequency: Once per Remittance Advice

Description: This record type is used for the transmission of remittance-related data. The record contains information about the identification, the date and the total amount of a payment order to a creditor. This record type is available exactly once for every remittance number. All records up to the next record of the type SA2 refer to the same remittance number.

REMITTANCE ADVICE INHOUSE FORMAT					*Mapping from Application Table Fields (out)*		*Mapping to Application Fields (in)*	
Pos	***FIELD DESCRIPTION***	***Key***	***ST***	***FM***	***Table Field***	***Action***	***Table Field***	***Action***
1.	Kind of data record	I	M	an3			SA2	
2.	Message reference	I	M	an..14			ecedi702.bano	
3.	Identification of sender		M	an..17			tfcmg506.pbbp	Conversion
4.	Payment advice number / identification remittance		C	an..6			included for future releases (not supported yet)	no action
5.	Total Payment amount / toatal amount remittance		C	an..13			refer to Pos. 4	no action
6.	total discount amount		C	an..13			refer to Pos. 4	no action
7.	Payment type		C	an..3			refer to Pos. 4	no action
8.	Supplier Number		C	an..6			refer to Pos. 4	no action
9.	Customer number		C	an..			refer to Pos. 4	no action
10.	Transmission date		C	n..14			refer to Pos. 4	no action
11.	Payment date		M	n..14			tfcmg506.stdt	

12.	Adress/Partner Code ID		M	an..6			ZZ	Qualifier 1 for field tfcmg506.pbbp
13.	Adress/Partner Type		M	an..6			PBBP	Qualifier 2 for field tfcmg506.pbbp
14.	Record end sign		M	an7	SA2_END		SA2_END	

Detailed description: **Remittance Advice**
Kind of data record: **SA2 Remittance Advice Header**

Position	**1**	Field format	**an3**	Field status	**M**
Field name		**Kind of data record**		(Key field in)	

Description: This field identifies the kind of data record in the message block. It contains the constant value ‘SA2’.

Processing outgoing

EDI Sub-System:

BAAN:

Processing incoming

EDI Sub-System: This field will be filled with the constant value ‘SA2’.

BAAN: None

Position	**2**	Field format **an..14**	Field status **M**
Field name		**Message reference**	(Key field in)

Description:	This field identifies all connected data records of one remittance advice. The numbering, which has to be unambiguous by remittance advice, helps to control the chronological order of the remittance advice and the complete transmission. The field consists of the current date (format: YYMMDD) and a serial number with four characters.
Processing outgoing	
EDI Sub-System:	
BAAN:	
Processing incoming	
EDI Sub-System:	Refer to data record SA1
BAAN:	

Position	**3**	Field format **an..17**	Field status **M**
Field name		**Identification of the sender**	(Key field in)

Description:	This field contains the identification of the sender.
Processing outgoing	
EDI Sub-System:	
BAAN:	
Processing incoming	
EDI Sub-System:	Transsmission of the value of the message file.
BAAN:	Mapping to Baan table field.....

Position **4 - 10**	field format	Field status
Field name		

Description:	empty
Processing outgoing	
EDI Sub-System:	
BAAN:	
Processing incoming	
EDI Sub-System:	
BAAN:	)

Position **11**	Field format **n..14**	Field status **M**
Field name	**Statement date**	

Description:	This field contains the date of the statement. (format: YYYYMMDDHHMMSS).
Processing outgoing	
EDI Sub-System:	
BAAN:	
Processing incoming	
EDI Sub-System:	Transmission of the value from the message file.
BAAN:	Mapping to the BAAN table field tfcmg506.pbbp

Position **12**	field format **an..6**	Field status **M**
Field name	**Adress/Partner Code ID**	

Description:	This field contains the Adress/Partner Code ID for the conversion of the business partner.
Processing outgoing	
EDI Sub-System:	
BAAN:	
Processing incoming	
EDI Sub-System:	Provides value “ZZ” as a default
BAAN:	Baan uses the content of the field to convert the business partner.

Position **13**	Field format **n..6**	Field status **M**
Field name	**Adress/Partner Type**	

Description:	This field contains the date Type of the EDI business partner.
Processing outgoing	
EDI Sub-System:	
BAAN:	
Processing incoming	
EDI Sub-System:	Provides value “PBBP” as a default
BAAN:	Baan uses the content of the field to convert the business partner.

Position	**14**	Field format	**an..7**	Field status	**M**
Field name		**Data record end sign**			

Description:	This field indicates the end of the data record. It contains the constant value ‘SA2_END’.
Processing outgoing	
EDI Sub-System:	
BAAN:	
Processing incoming	
EDI Sub-System:	This field will be filled with the constant value ‘SA2_END’.
BAAN:	None

SA3 REMITTANCE ADVICE LINE

Status : Mandatory

Frequency :

Description: This record type supports the transmission of individual lines of the remittance advice to the creditor. These instructions refer to the corresponding identification of the remittance advice which is indicated in the previous record type SA2.

REMITTANCE ADVICE INHOUSE FORMAT					*Mapping from Application Table Fields*		*Mapping to Application Fields*	
Pos	***FIELD DESCRIPTION***	***Key***	***ST***	***FM***	***Table Field***	***Action***	***Table Field***	***Action***
1.	Kind of data record		M	an3			SA3	
2.	Message reference	I	M	an..14			ecedi702.bano	
3.	Identification of receiver/sender	I	M	an..17			tfcmg501.pbbp	Conversion
4.	Payment advice number / identification remittance	I	M	an..10			included for future releases (not supported yet)	no action
5.	Line number		M	n..6			included for future releases (not supported yet)	no action
6.	Transaction Type		M	an3			tfcmg501.ttyp	
7.	Document (Invoice) Number		M	an..15			tfcmg501.6ninv	
8.	Currency		M	an3			tfcmg501.ccur	
9.	Tranaction Amount		M	n..13			tfcmg501.amnt	

REMITTANCE ADVICE INHOUSE FORMAT					*Mapping from Application Table Fields*		*Mapping to Application Fields*	
Pos	***FIELD DESCRIPTION***	***Key***	***ST***	***FM***	***Table Field***	***Action***	***Table Field***	***Action***
10.	Document (Invoice) Date		C	n..8			tfcmg501.docd	
11.	Transaction Date		C	n..8			tfcmg501.trnd	
12.	Reference		C	an..35			tfcmg501.pref	
13.	Description		C	an..35			tfcmg501.desc	
14.	Bank account		C	an..25			tfcmg501.bano	
15.	Name		C	an..35			tfcmg501.nama	
16.	Discount Amount		C	n..13			included for future releases (not supported yet)	no action
17.	Customers Plant		C	an..35			included for future releases (not supported yet)	no action
18.	Adress/Partner Code ID		M	an..6			ZZ	Qualifier 1 for field tfcmg501.pbbp
19.	Adress/Partner Type		M	an..6			PBBP	Qualifier 2 for field tfcmg501.pbbp
20.	Data record end line		M	an7			SA3_END	

Detailed description: **Remittance Advice**
Kind of data record: **SA3 Remittance Advice Lines**

Position	**1**	Field format	**an3**	Field status	**M**
Field name		**Kind of data record**		(Key field in)	

Description:	This field identifies the kind of data record in the message block. It contains the constant value ‘SA3’.
Processing outgoing	
EDI Sub-System:	
BAAN:	
Processing incoming	
EDI Sub-System:	This field will be filled with the constant value ‘SA3’.
BAAN:	

Position	**2**	Field format	**an..35**	Field status	**M**
Field name		**Message reference**		(Key field in)	

Description:	This field identifies all connected data records of one remittance advice. The numbering of the message reference, which has to be clear by remittance advice, helps to control the chronological order of the message and the complete transmission.
Processing outgoing	
EDI Sub-System:	
BAAN:	
Processing incoming	
EDI Sub-System:	
BAAN:	Mapping position value to BAAN table field ecedi702.bano

Position	**3**	Field format	**an..17**	Field status	**M**
Field name		**Identification of Sender**	(Key field in)		

Description:	This field contains the identification code of the identification code of the sender in the incoming site.
Processing outgoing	
EDI Sub-System:	
BAAN:	
Processing incoming	
EDI Sub-System:	Transmission of the value from the message file
BAAN:	Refer to data record SA2.

Position	**4**	Field format	**an..10**	Field status	**M**
Field name		**Payment advice number / ID remittance**			
			(Key field in)		

Description:	This field contains the unambiguous identification of the remittance. It serves as link between the EDI remittance advice and the actual receipt of payment. The content of this field is not used on this level of the message.
Processing outgoing	
EDI Sub-System:	
BAAN:	
Processing incoming	

EDI Sub-System:

BAAN:

Position	**5**	Field format **n..6**	Field status **M**
Field name		**Line Number**	

Description: This field contains the line number of the remittance advice.

The content of this field is not used.

Processing outgoing

EDI Sub-System:

BAAN:

Processing incoming

EDI Sub-System:

BAAN: Mapping of field value to BAAN table field .....

Position	**6**	Field format **an3**	Field status **M**
Field name		**Transaction Type**	

Description: This field contains the transaction type of the original invoice.

Processing outgoing

EDI Sub-System:

BAAN:

Processing incoming

EDI Sub-System: Can be provided for informational purposes.

BAAN: The content of this field will be mapped to field tfcmg501.ttyp

Position	**7**	Field format **an..15**	Field status **M**
Field name		**Document Number**	

Description:	This field contains the original invoice number.
Processing outgoing	
EDI Sub-System:	
BAAN:	
Processing incoming	
EDI Sub-System:	
BAAN:	Mapping of field value to BAAN table field tfcmg501.ninv.

Position	**8**	Field format **an3**	Field status **M**
Field name		**Currency**	

Description:	This field contains the currency of the payment. The currency code is defined according to ISO 4217 (for example, DEM for German mark)
Processing outgoing	
EDI Sub-System:	
BAAN:	
Processing incoming	
EDI Sub-System:	
BAAN:	Mapping of field value to BAAN table field tfcmg501.ccur

Position	**9**	Field format	**n..13**	Field status	**M**
Field name		**Transaction amount**			

Description:	This field contains the amount of the transaction. It contains a numerical value (format: *‚NNNNNNNNNN.NN'*) including the value sign.
Processing outgoing	
EDI Sub-System:	
BAAN:	
Processing incoming	
EDI Sub-System:	Transmission of the value of the message file.
BAAN:	Mapping to BAAN table field tfcmg501.amnt

Position	**10**	Field format	**n8**	Field status	**C**
Field name		**Document Date (Invoice)**			

Description:	This field contains the date of the invoice (format: YYMMDD).
Processing outgoing	
EDI Sub-System:	
BAAN:	
Processing incoming	
EDI Sub-System:	Transmission of the value of the message file.
BAAN:	Mapping to BAAN table field tfcmg501.docd

Position	**11**	Field format	**n8**	Field status	**C**
Field name		**Transaction Date**			

Description:	The date of the transaction (payment).
Processing outgoing	
EDI Sub-System:	
BAAN:	
Processing incoming	
EDI Sub-System:	
BAAN:	Mapping of field value to BAAN table field tfcmg501.trnd

Position	**12**	Field format	**an..35**	Field status	**C**
Field name		**Reference**			

Description:	This field contains reference information to the payment
Processing outgoing	
EDI Sub-System:	
BAAN:	
Processing incoming	
EDI Sub-System:	
BAAN:	Mapping field value to BAAN table field tfcmg501.pref

Position	**13**	Field format	**an..35**	Field status	**C**
Field name		**Description**			

Description:	This field contains the description to the code number
Processing outgoing	
EDI Sub-System:	
BAAN:	
Processing incoming	
EDI Sub-System:	
BAAN:	Mapping field value to BAAN table field tfcmg501.desc

Position	**14**	Field format	**an..25**	Field status	**C**
Field name		**Bank Account**			

Description:	This field contains bank account number.
Processing outgoing	
EDI Sub-System:	
BAAN:	
Processing incoming	
EDI Sub-System:	
BAAN:	Mapping field value to BAAN table field tfcmg501.bano

Position **15**	Field format **an..35**	Field status **C**
Field name	**Name**	

Description:	This field contains the name of the bank
Processing outgoing	
EDI Sub-System:	
BAAN:	
Processing incoming	
EDI Sub-System:	
BAAN:	Mapping field value to BAAN table field tfcmg501.nama

Position **16**	field format	Field status
Field name	**Discount Amount**	

Description:	This field is not supported yet
Processing outgoing	
EDI Sub-System:	
BAAN:	
Processing incoming	
EDI Sub-System:	
BAAN:	

Position **17**	Field format	Field status
Field name	**Customers Plant**	

Description:	This field is not supported yet.
Processing outgoing	
EDI Sub-System:	
BAAN:	
Processing incoming	
EDI Sub-System:	
BAAN:	

Position **18**	field format **an..6**	Field status **M**
Field name	**Adress/Partner Code ID**	

Description:	This field contains the Adress/Partner Code ID for the conversion of the business partner.
Processing outgoing	
EDI Sub-System:	
BAAN:	
Processing incoming	
EDI Sub-System:	Provides value “ZZ” as a default
BAAN:	Baan uses the content of the field to convert the business partner.

Position	**19**	Field format	**n..6**	Field status	**M**
Field name		**Adress/Partner Type**			

Description:	This field contains the date Type of the EDI business partner.
Processing outgoing	
EDI Sub-System:	
BAAN:	
Processing incoming	
EDI Sub-System:	Provides value “PBBP” as a default
BAAN:	Baan uses the content of the field to convert the business partner.

Position	**20**	Field format	**an..7**	Field status	**M**
Field name		**Data record end sign**			

Description:	This field indicates the end of the data record. It contains the constant value ‘SA3_END’.
Processing outgoing	
EDI Sub-System:	
BAAN:	
Processing incoming	
EDI Sub-System:	This field will be filled with the constant value ‘SA3_END’.
BAAN:	None

Appendix A Sample file

```
"SA1";"F8009712100021";"SENDER";"RECEIVER";"R
AD001";"BaanEMISV";"RAD001";"";20000118150000
;10;"";"";"";"SA1_END"
"SA2";"F8009712100021";"100000020";123456789;
;;;;;;20000310;ZZ;PBBP;"SA2_END"
"SA3";"F8009712100021";"100000020";123456789;
10;"DVK";"97000471";"DEM";225.00;20000118;200
00128;"Referenz";"Desription";123456;"Bank
of...";;;ZZ;PBBP;"SA3_END"
"SA3";"F8009712100021";"100000020";123456789;
20;"DVK";"97000480";"DEM";127.50;20000120;200
00128;"Referenz";"Desription";123456;"Bank
of...";;;ZZ;PBBP;"SA3_END"
```