



Definition of BEMIS RAD001 Import and Export File for Business Document Remittance Advice

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About this guide

Objective

This document describes the content and the corresponding structure of the EDI message “Remittance Advice”, which is supported by Baan Electronic Message, the ERP LN in-house format.

The message’s content refers to the following origin message types and gives their attribution to the transferred ASCII file of the BEMIS format:

- EDIFACT REMADV
- ANSI X12 820
- VDA 4907

The message structure is defined by referring to the incoming direction.

The document contains the following chapters:

Chapter 1, “General Principles”, provides a general introduction to the EDI in-house format for the Business Document type Remittance Advice.

Chapter 2, “Data Record Description by Type of Data Record”, describes in detail the data records used for the EDI in-house format of EDI message Remittance Advice.

Chapter 3, “Definitions, Acronyms, and Abbreviations”, provides a glossary of terms used in Infor ERP LN and in this document, and also a list of abbreviations.

Appendix A, “Sample File”, provides a sample file for the incoming message RAD001.

Intended audience

This document is intended for the following categories of users:

- Users who want to understand what the processed information of the EDI messages in ERP LN are.
- Users who develop the translation from external EDI format to the in-house format.

References

The following documents might be of importance:

No.	Document number	Title
1	U8912B US	<i>User's Guide for BEMIS</i>
2	U8998B US	<i>User's Guide for EDI Business Documents</i>

Send us your comments

We continually review and improve our documentation. Any remarks/requests for information concerning this document or topic are appreciated. Please e-mail your comments to documentation@infor.com.

In your e-mail, refer to the document code and title. More specific information will enable us to process feedback efficiently.

Available types of data records

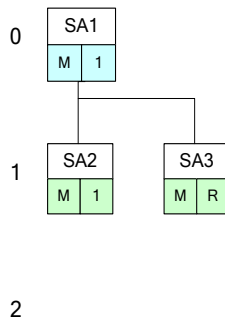
This section describes the EDI In-house format for the Business Document type Remittance Advice (incoming). When you transmit information about remittance advices, the use of the following types of data records is conditional (C) or respectively mandatory (M).

ID	Status	Name
SA1	M	Global Overhead
SA2	M	Header
SA3	M	Line Data

Branching diagrams

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

Level



Legend:

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

For example, two remittance advices with two lines each the BEMIS file have the following structure:

SA1 ... ERP LN Envelop

SA2 ... Header 1

SA3 ... Line Data 11

SA3 ... Line Data 12

SA1 ... ERP LN Envelop

SA2 ... Header 2

SA3 ... Line Data 21

SA3 ... Line Data 22

Key fields outgoing

The EDI business document “Remittance Advice” outgoing is not supported by Infor ERP LN yet.

Key fields incoming

The incoming message refers to the Pay-by Business Partner. The following structure of the key fields is used to determine the corresponding data records of a remittance advice message:

Sorted by Key				
Type Data				
Rec.		key 1	key 2	key 3
field 1	Backpt			
SA1		Message Reference	Business Partner	Order Reference
SA2	1	Message Reference	Business Partner	Order Reference
SA3	2	Message Reference	Business Partner	Order Reference

Network directories

In the Direct Network Communication (ecedi7205m000) session, the user can receive and generate EDI messages.

As written in the User's Guide EDI Business Document [2], the communication is done between the EDI Sub-System and ERP LN to transfer the message's ASCII files across the specific network. This communication is based on the network directories that are established in ERP LN.

The network basis directories for each network will be defined in the ecedi0120m000 session.

The ERP LN user can decide the structure of the used network directories, such as the following:

- For every message type, one network directory can be used for outgoing messages and one can be used for incoming messages. This means that one message file contains data for several business partners.
- For a group of message types, such as remittance advices, one network directory can be used for outgoing messages and one can be used for incoming messages.
- Every business partner can use their own network directory, and the files would be able to contain data for several messages types.

Infor recommends the second possibility.

For the network BEMIS, for example, the basis directories can be indicated in the following way:

- /\${BSE}/edi/bemis/advices/

ERP LN will additionally create the following subdirectories

- /\${BSE}/edi/bemis/advices/appl_from/
- /\${BSE}/edi/bemis/advices/appl_to/
- /\${BSE}/edi/bemis/advices/command/
- /\${BSE}/edi/bemis/advices/store_rcv/
- /\${BSE}/edi/bemis/advices/store_sent/
- /\${BSE}/edi/bemis/advices/trace/

The above mentioned directories refer to one message type, “Remittance Advice”. The directories have the following functions:

- **.../appl_from/**: In this directory, ERP LN records the outgoing messages that are the defined BEMIS in-house format files. The EDI Subsystem can collect them from here.
- **.../appl_to/**: The EDI Subsystem writes the incoming message into this directory in the ERP LN in-house format.
- **.../command/**: A directory of the semaphores.
- **.../store_recv/**: ERP LN stores processed incoming messages in this directory, if the corresponding EDI parameter is set in this way. During this process, an additional subdirectory by incoming message file is created; the subdirectory is named with a date and time stamp that indicates when the message was moved.
- **.../store_sent/**: ERP LN stores processed outgoing messages in this directory, if the corresponding EDI parameter is set in this way. During this process, an additional subdirectory by incoming message file is created; the subdirectory is named with a date and time stamp that indicates when the message was moved.
- **.../trace/**: ERP LN creates a log of the incoming messages and outgoing messages in the processing order in this directory, if the corresponding EDI parameter is set in this way.

The file name of the BEMIS in-house format files of the Remittances Advice, which is being described in this documentation, is defined in the following way:

Direction	File Name	Network Directory
outgoing		
incoming	rad001.txt	/\${BSE}/edi/bemis/advices/appl_to

ERP LN BEMIS messages – conventions

Written in the User’s Guide for BEMIS [1], we use the following rules to structure the EDI message:

- Each data segment is defined by a unique code in an EDI message. The format of the data segment code is SA99. Each segment (message record) starts with the unique code “Sax”; the message record ends with “SAx_END”.
- The length of the several data segments can vary.
- Even if some fields do not contain a value, each data segment (message record) must consist of all fields.
- The fields in the file must be separated by a defined sign, such as a semicolon (;)
- A filled string field must be put inside quotation marks (“...”).
- If a position in a BEMIS Message File is not taken by a value, which means that the position is empty, then the position is pointed out using two semicolons. Also, the ERP LN EDI Module distinguishes between numerical data and alphanumerical data format, as shown in the following examples:

Empty numerical Position: "SAX"; ... ; ; ... ;"SAX_END"

Empty alphanumerical Position: Infor differs between the following, in case the field exists in the LN database:

"SAX"; ... ; ; ... ;"SAX_END" and "SAX"; ... ; "" ; ... ;"SAX_END"

In the following sections are the format descriptions of the individual types of data segments (message records) of the interface file. The table contains the following data:

REMITTANCE ADVICE IN-HOUSE FORMAT

Pos	Field description	Key	ST	FM
-----	-------------------	-----	----	----

The first block of the table describes the format of a type 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, for example.
	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

The second block of the table describes the corresponding table field in ERP LN and describes possible special actions, which will be carried out when the messages are being processed.

from Application Table Field (out) / Mapping to Table Field (in)

Table Field	Action
-------------	--------

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 ERP LN.

Consider one exception: if a position of the data record is not currently used, then Infor omits the detailed description of this empty position.

What is new in comparison to BEMIS for BAAN V?

- The Overhead has been changed. Please refer to Chapter 2 for more details.

Chapter 2 Data Record Description by Type of Data Record

2

SA1 Message Overhead

Status:	Mandatory
Frequency:	Once by 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 In-house Format					Mapping from Application Table Fields (out)		Mapping to Application Table Fields (in)	
Pos	Field Description	Key	ST	FM	Table field	Action	Table field	Action
1	Type of data record	I	M	an3			SA1	
2	Message Reference	I	M	an..35			ecedi702.bano	Generation by EDI Sub-System
3	Net ID of Sender	I	M	an..17			ecedi702.bpid	Conversion (see below)
4	Order Reference	I	M	an..17			ecedi702.msno	
5								

Remittance Advice In-house Format				Mapping from Application Table Fields (out)	Mapping to Application Table Fields (in)
6	Organization	M	an..6		ecedi702.orga Conversion (see below)
7	Message	M	an..6		ecedi702.mess Conversion (see below)
8	Order Type	M	an..35		ecedi702.koor Conversion (see below)
9	Test Identifier	C	n1		ecedi702.test
10	Date of transmission	M	n..14		ecedi702.send
11	Data record end sign	M	an7		SA1_END

Detailed description: Remittance Advice

Type of data record: SA1 Message Overhead

Position	1	Field Format	an3	Field Status	M
Field Name	<u>Type of Data Record</u>		Key field IN		
Description	This field identifies the type of data record in the message block. It contains the constant value 'SA1'.				
Processing outgoing EDI Sub-System					
ERP LN					
Processing Incoming EDI Sub-System	This field will be filled with the constant value 'SA1'.				
ERP LN	None				

Position	2	Field Format	an..14	Field Status	M
Field Name	<u>Message Reference</u>		Key field IN		
Description	This field identifies all connected data records of one remittance advice. The numbering, which has to be clear by remittance advice, helps to control the chronological order of the remittance advices 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 ERP LN table ecedi020. When generating the message reference with the EDI Sub-System, the created message reference needs to be specific, which means unique. While storing the message reference ERP LN controls whether it is specific.				
Processing outgoing EDI Sub-System					
ERP LN					
Processing Incoming EDI Sub-System	The EDI Sub-System generates this number to identify a remittance advice and writes it into all data records of a remittance advice.				
ERP LN	Mapping to ERP LN table field ecedi702.bano.				

Position	3	Field Format	an..17	Field Status	M
Field Name		<u>Net ID of sender</u>		Key field	In
Description		This field contains the identification of the sender (for example the ILN Number)			
Processing outgoing EDI Sub-System					
ERP LN					
Processing Incoming EDI Sub-System					
ERP LN		The identification of the sender determines the corresponding business partner (customer) and the network in the table ecedi028 'Relations by network'. This identification is mapped to the ERP LN table field ecedi702.bpid.			

Position	4	Field Format	an..17	Field Status	M
Field Name		<u>Order Reference</u>		Key field	IN
Description		This field contains the order reference.			
Processing outgoing EDI Sub-System					
ERP LN					
Processing Incoming EDI Sub-System		Transmission of the value from the message file.			
ERP LN		Mapping to ERP LN table field ecedi702.msno.			

Position	6	Field Format	an..6	Field Status	M
Field Name		<u>Organization</u>			
Description		This field contains the organization (Standard), which is used for the EDI communication.			
Processing outgoing EDI Sub-System					
ERP LN					
Processing Incoming EDI Sub-System		This field will be filled with the constant value 'BEMIS'.			

Position	6	Field Format	an..6	Field Status	M
Field Name	<u>Organization</u>				
ERP LN	Mapping to ERP LN table field ecedi702.orga. The corresponding Organization must have been entered into the ERP LN table ecedi003.None				

Position	7	Field Format	an..6	Field Status	M
Field Name	<u>Message</u>				
Description	This field contains the code for the identification of the concerned message. The code for the message type 'Remittance advices' is RAD001.				
Processing outgoing EDI Sub-System	.				
ERP LN					
Processing Incoming EDI Sub-System	This field will be filled with the constant value 'RAD001'.				
ERP LN	The message code in the table ecedi001 'Supported EDI Messages' determines which internal message in ERP LN is connected to this Remittance Advice. In the ERP LN table ecedi005 'EDI Messages' is determined for every message which session (DLL) is used in ERP LN to process the remittance advice. The message code is mapped to the ERP LN table field ecedi702.mess.				

Position	8	Field Format	an..35	Field Status	M
Field Name	<u>Order Type</u>				
Description	This field contains a code for the concerned order type.				
Processing outgoing EDI Sub-System					
ERP LN					
Processing Incoming EDI Sub-System					
ERP LN	Mapping to ERP LN table field ecedi702.koor. In the ERP LN table ecedi200 there must be an entry for this order type in connection with the respective message and organization.				

Position	9	Field Format	an1	Field Status	C
Field Name	<u>Identifier of Test</u>				
Description	This field contains the code that will identify incoming messages for this organization as test messages. A test message is checked, but not copied to the database.				
Processing outgoing EDI Sub-System					
ERP LN					
Processing Incoming EDI Sub-System	Transmission of the value from the transmission file.				
ERP LN	Mapping to ERP LN table field ecedi702.test.				

Position	10	Field Format	n..8 / n..14	Field Status	M
Field Name	<u>Date / Time of Transmission</u>				
Description	This field contains on the outgoing side the current date, on which the remittance advice 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					
ERP LN					
Processing Incoming EDI Sub-System	Entry of the arrival date / time of the message at the EDI Sub-System.				
ERP LN	Mapping to ERP LN table field ecedi702.send				

Position	11	Field Format	an7	Field Status	M
Field Name	<u>Data Record end sign</u>				
Description	This field identifies the end of data record in the message block. It contains the constant value 'SA1_END'.				
Processing outgoing EDI Sub-System					
ERP LN					

Position	11	Field Format	an7	Field Status	M
Field Name	<u>Data Record end sign</u>				
Processing Incoming EDI Sub-System	This field will be filled with the constant value 'SA1_END'.				
ERP LN	None				

SA2 Remittance Advice Header

Status:	Mandatory
Frequency:	Once by remittance advice
Description:	This data record contains all information of the remittance advice header, and it is related to SA1.

Remittance Advice In-house Format					Mapping from Application Table Fields (out)	Mapping to Application Table Fields (in)		
Pos	Field Description	Key	ST	FM	Table field	Action	Table field	Action
1	Type of data record	I	M	an3			SA2	
2	Message Reference	I	M	an..35			ecedi702.bano	Generation by EDI Sub- System
3	Net ID of Sender	I	M	an..17			ecedi702.bpid	Conversion (see below)
4	Order Reference	I	M	an..17			ecedi702.msno	
5	Pay-by Business Partner		M	an..20			tfcmg506.pbbp	Code and Conversion
6	<u>Qualifier Address Code</u>		C	an..6			"ZZ"	
7	<u>Address / BP Code</u>		C	an..6			"PBBP"	

Remittance Advice In-house Format			Mapping from Application Table Fields (out)	Mapping to Application Table Fields (in)
8	Statement Date	M n..14		tfcmg506.std
9	Data record end sign	M an7		SA2_END

Detailed description: Remittance advice

Type of data record: SA2 Header

Position	1	Field Format	an3	Field Status	M
Field Name	<u>Type of Data Record</u>		Key field IN		
Description	This field identifies the type of data record in the message block. It contains the constant value 'SA1'.				
Processing outgoing EDI Sub-System					
ERP LN					
Processing Incoming EDI Sub-System	This field will be filled with the constant value 'SA1'.				
ERP LN	None				

Position	2	Field Format	an..14	Field Status	M
Field Name	<u>Message Reference</u>		Key field IN		
Description	This field identifies all connected data records of one remittance advice. The numbering, which has to be clear by remittance advice, helps to control the chronological order of the remittance advices 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 ERP LN table ecedi020. When generating the message reference with the EDI Sub-System, the created message reference needs to be specific, which means unique. While storing the message reference ERP LN controls whether it is specific.				

Position	2	Field Format	an..14	Field Status	M
Field Name		<u>Message Reference</u>		Key field IN	
Processing outgoing EDI Sub-System					
ERP LN					
Processing Incoming EDI Sub-System		The EDI Sub-System generates this number to identify a remittance advice and writes it into all data records of a remittance advice.			
ERP LN		Mapping to ERP LN table field ecedi702.bano.			

Position	3	Field Format	an..17	Field Status	M
Field Name		<u>Net ID of sender</u>		Key field In	
Description		This field contains the identification of the sender (for example the ILN Number)			
Processing outgoing EDI Sub-System					
ERP LN					
Processing Incoming EDI Sub-System					
ERP LN		The identification of the sender determines the corresponding business partner (customer) and the network in the table ecedi028 'Relations by network'. This identification is mapped to the ERP LN table field ecedi702.bpid.			

Position	4	Field Format	an..17	Field Status	M
Field Name		<u>Order Reference</u>		Key field IN	
Description		This field contains the order reference.			
Processing outgoing EDI Sub-System					
ERP LN					
Processing Incoming EDI Sub-System		Transmission of the value from the message file.			
ERP LN		Mapping to ERP LN table field ecedi702.msno.			

Position	5	Field Format	an..20	Field Status	M
Field Name	<u>Pay-by Business Partner</u>				
Description	The code of the Pay-by-Business Partner.				
Processing outgoing EDI Sub-System					
ERP LN					
Processing Incoming EDI Sub-System	Transmission of the value from the message file.				
ERP LN	The code for the Pay-by Business Partner is converted using the conversion table ecedi363 and the Address Code ID, and it is mapped to ERP LN table field tcmg506.pbbp.				

Position	6	Field Format	an..6	Field Status	C
Field Name	<u>Qualifier Address Code</u>				
Description	This position contains the default qualifier 1 for the Pay-by Business Partner.				
Processing outgoing EDI Sub-System					
ERP LN					
Processing Incoming EDI Sub-System					
ERP LN	Use the code "ZZ" to identify the Pay-by Business Partner.				

Position	7	Field Format	an..6	Field Status	C
Field Name	<u>Address / BP Code</u>				
Description	This position contains the standard qualifier 2 for the Pay-by Business Partner.				
Processing outgoing EDI Sub-System					
ERP LN					
Processing Incoming EDI Sub-System					
ERP LN	Use the code "PBBP" to identify the Pay-by Business Partner.				

Position	8	Field Format	n..14	Field Status	M
Field Name	<u>Statement Date</u>				
Description	This field contains the date of the statement.				
Processing outgoing EDI Sub-System					
ERP LN					
Processing Incoming EDI Sub-System	Transmission of the value from the message file.				
ERP LN	Mapping to ERP LN table field tfcmg506.stdt				

Position	9	Field Format	an..7	Field Status	M
Field Name	<u>Data Record end sign</u>				
Description	This field identifies the end of data record in the message block. It contains the constant value 'SA2_END'.				
Processing outgoing EDI Sub-System					
ERP LN					
Processing Incoming EDI Sub-System	This field will be filled with the constant value 'SA2_END'.				
ERP LN	None				

SA3 Remittance Advice Line Data

Status: Mandatory

Frequency: Multiple by remittance advice.

Description: This data records contain information about the payment; and it is related to SA2.

Remittance Advice In-house Format					Mapping from Application Table Fields (out)	Mapping to Application Table Fields (in)		
Pos	Field Description	Key	ST	FM	Table field	Action	Table field	Action
1	Type of data record	I	M	an3			SA3	
2	Message Reference	I	M	an..35			ecedi702.bano	Generation by EDI Sub-System
3	Net ID of Sender	I	M	an..17			ecedi702.bpid	Conversion (see below)
4	Order Reference	I	M	an..17			ecedi702.msno	
5	Pay-by Business Partner		M	an..20			tfcmg501.pbbp	Code and Conversion
6	<u>Qualifier Address Code</u>		C	an..6			"ZZ"	
7	<u>Address / BP Code</u>		C	an..6			"PBBP"	
8	Transaction Type		M	an..3			tfcmg501.ttyp	
9	Document (Invoice) Number		M	an..15			tfcmg501.ninv	
10	Document Date		C	n..14			tfcmg501.docd	
11	Transaction Date		C	n..14			tfcmg501.trnd	

Remittance Advice In-house Format				Mapping from Application Table Fields (out)	Mapping to Application Table Fields (in)
12	Reference	C	an..35		tfcmg501.pref
13	Descriptions	C	an..35		tfcmg501.desc
14	Bank Account	C	an..25		tfcmg501.bano
15	Name	C	an..35		tfcmg501.nama
16	Currency/Rate	M	an3		tfcmg501.ccur
17	Transaction amount	M	n..13		tfcmg501.amnt
18	Data record end sign	M	an7		SA3_END

Detailed description: Remittance advice

Type of data record: SA3 Line Data

Position	1	Field Format	an3	Field Status	M
Field Name	<u>Type of Data Record</u>		Key field IN		

Description This field identifies the Type of data record in the message block. It contains the constant value 'SA3'.

Processing outgoing
EDI Sub-System

ERP LN

Processing Incoming
EDI Sub-System

This field will be filled with the constant value 'SA3'.

ERP LN

None

Position	2	Field Format	an..14	Field Status	M
Field Name	<u>Message Reference</u>		Key field IN		

Description This field identifies all connected data records of one remittance advice. The numbering, which has to be clear by remittance advice, helps to control the chronological order of the remittance advices 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 ERP LN table ecedi020. When generating the message reference with the EDI Sub-System, the created message reference needs to be specific, which means unique. While storing the message reference ERP LN controls whether it is specific.

Processing outgoing
EDI Sub-System

ERP LN

Processing Incoming
EDI Sub-System

The EDI Sub-System generates this number to identify a remittance advice and writes it into all data records of a remittance advice.

ERP LN

Mapping to ERP LN table field ecedi702.bano.

Position	3	Field Format	an..17	Field Status	M
Field Name		<u>Net ID of sender</u>		Key field	In
Description		This field contains the identification of the sender (for example the ILN Number)			
Processing outgoing EDI Sub-System					
ERP LN					
Processing Incoming EDI Sub-System					
ERP LN		The identification of the sender determines the corresponding business partner (customer) and the network in the table ecedi028 'Relations by network'. This identification is mapped to the ERP LN table field ecedi702.bpid.			

Position	4	Field Format	an..17	Field Status	M
Field Name		<u>Order Reference</u>			
Description		This field contains the order reference.			
Processing outgoing EDI Sub-System					
ERP LN					
Processing Incoming EDI Sub-System		Transmission of the value from the message file.			
ERP LN		Mapping to ERP LN table field ecedi702.msno.			

Position	5	Field Format	an..20	Field Status	M
Field Name		<u>Pay-by Business Partner</u>			
Description		The code of the Pay-by-Business Partner.			
Processing outgoing EDI Sub-System					
ERP LN					
Processing Incoming EDI Sub-System		Transmission of the value from the message file.			

Position	5	Field Format	an..20	Field Status	M
Field Name	<u>Pay-by Business Partner</u>				
ERP LN	The code for the Pay-by Business Partner is converted using the conversion table ecedi363 and the Address Code ID, and it is mapped to ERP LN table field tfcmg501.pbbp.				

Position	6	Field Format	an..6	Field Status	C
Field Name	<u>Qualifier Address Code</u>				
Description	This position contains the default qualifier 1 for the Pay-by Business Partner.				
Processing outgoing EDI Sub-System					
ERP LN					
Processing Incoming EDI Sub-System					
ERP LN	Use the code "ZZ" to identify the Pay-by Business Partner.				

Position	7	Field Format	an..6	Field Status	C
Field Name	<u>Address / BP Code</u>				
Description	This position contains the standard qualifier 2 for the Pay-by Business Partner.				
Processing outgoing EDI Sub-System					
ERP LN					
Processing Incoming EDI Sub-System					
ERP LN	Use the code "PBBP" to identify the Pay-by Business Partner.				

Position	8	Field Format	an..8	Field Status	M
Field Name	<u>Transaction Type</u>				
Description	This field contains the Transaction Type.				

Position	8	Field Format	an..8	Field Status	M
Field Name	<u>Transaction Type</u>				
Processing outgoing EDI Sub-System					
ERP LN					
Processing Incoming EDI Sub-System	Transmission of the value from the message file.				
ERP LN	Mapping to ERP LN table field tfcmg501.ttyp				

Position	9	Field Format	n..14	Field Status	M
Field Name	<u>Document Number</u>				
Description	This field contains the original invoice number.				
Processing outgoing EDI Sub-System					
ERP LN					
Processing Incoming EDI Sub-System	Transmission of the value from the message file.				
ERP LN	Mapping to ERP LN table field tfcmg501.ninv				

Position	10	Field Format	n..14	Field Status	C
Field Name	<u>Document Date (Invoice)</u>				
Description	This field contains the date of the invoice.				
Processing outgoing EDI Sub-System					
ERP LN					
Processing Incoming EDI Sub-System	Transmission of the value from the message file.				
ERP LN	Mapping to ERP LN table field tfcmg501.docd				

Position	11	Field Format	n..14	Field Status	C
Field Name	<u>Transaction Date</u>				
Description	This field contains the date of the transaction (payment).				

Position	11	Field Format	n..14	Field Status	C
Field Name	<u>Transaction Date</u>				
Processing outgoing EDI Sub-System					
ERP LN					
Processing Incoming EDI Sub-System	Transmission of the value from the message file.				
ERP LN	Mapping to ERP LN table field tfcmg501.trnd				

Position	12	Field Format	an..35	Field Status	C
Field Name	<u>Reference</u>				
Description	This field contains reference information to the payment.				
Processing outgoing EDI Sub-System					
ERP LN					
Processing Incoming EDI Sub-System	Transmission of the value from the message file.				
ERP LN	Mapping to ERP LN table field tfcmg501.pref				

Position	13	Field Format	an..35	Field Status	C
Field Name	<u>Description</u>				
Description	This field contains the description to the code number.				
Processing outgoing EDI Sub-System					
ERP LN					
Processing Incoming EDI Sub-System	Transmission of the value from the message file.				
ERP LN	Mapping to ERP LN table field tfcmg501.desc				

Position	14	Field Format	an..25	Field Status	C
Field Name	<u>Bank Account</u>				
Description	This field contains the bank account number				

Position	14	Field Format	an..25	Field Status	C
Field Name	<u>Bank Account</u>				
Processing outgoing EDI Sub-System	ERP LN				
Processing Incoming EDI Sub-System	Transmission of the value from the message file.				
ERP LN	Mapping to ERP LN table field tfcmg501.bano				

Position	15	Field Format	an..35	Field Status	C
Field Name	<u>Name</u>				
Description	This field contains the name of the bank.				
Processing outgoing EDI Sub-System	ERP LN				
Processing Incoming EDI Sub-System	Transmission of the value from the message file.				
ERP LN	Mapping to ERP LN table field tfcmg501.nama				

Position	16	Field Format	an3	Field Status	M
Field Name	<u>Currency/Rate</u>				
Description	This field contains the currency/rate code linked to this transaction type.				
Processing outgoing EDI Sub-System	ERP LN				
Processing Incoming EDI Sub-System	Transmission of the value from the message file.				
ERP LN	Mapping to ERP LN table field tfcmg501.ccur				

14BData Record Description by Type of Data Record

Position	17	Field Format	n..13	Field Status	M
Field Name	<u>Transaction Amount</u>				
Description	This field contains the amount of the transaction in currency of pos. 16 .				
Processing outgoing EDI Sub-System					
ERP LN					
Processing Incoming EDI Sub-System	Transmission of the value from the message file.				
ERP LN	Mapping to the ERP LN table field tfcmg501.amnt.				

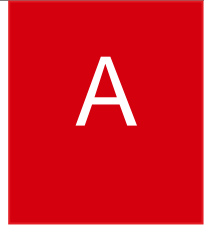
Position	18	Field Format	an7	Field Status	M
Field Name	<u>Data Record end sign</u>				
Description	This field identifies the end of data record in the message block. It contains the constant value 'SA3_END'.				
Processing outgoing EDI Sub-System					
ERP LN					
Processing Incoming EDI Sub-System	This field will be filled with the constant value 'SA3_END'.				
ERP LN	None				

Chapter 3 Definitions, Acronyms, and Abbreviations

3

Term	Description
ANSI X12	American National Standards Institute Accredited Standards Committee X12; Standard definitions of American EDI Directories
ASCII	American Standard Code for Information Interchange
BEM	Baan Electronic Message - abbreviated form of BEMIS used with the definition of the EDI organization
BEMIS	“BAAN Electronic Message Interchange System”; it is used for the ERP LN In-house EDI format
BP	Business Partner; used for Customer and Supplier
EDI	Electronic Data Interchange; electronic exchange of documents in standard formats
EDIFACT	Electronic Data Interchange for Administration, Commerce and Transport; Standard definitions of United Nations Directories
GLN	Global Location Number, a thirteen digit number used to identify legal entities, trading parties and locations.
ID	Identification
ILN	International Location Number; see GLN
VDA	The German Association of the Automotive Industry; Standard definitions of German EDI Directories

Appendix A Sample File



Example Incoming message

```
"SA1"|"BS0808060000000000000000000004"|"BS"|"001"|"BEMIS"|"RAD001"|"RAD001"||20080806110000|"SA1_END"  
"SA2"|"BS0808060000000000000000000004"|"BS"|"001"|"BS0000001"||20080806|"SA2_END"  
"SA3"|"BS0808060000000000000000000004"|"BS"|"001"|"BS0000001"|||"RAD"|"001"|"20080806|20080806|"Reference"  
|"Description"|"658698798"|"ABN AMRO"|"EUR"|"100"|"SA3_END"
```

