BAAN IVc4

Definition of BEMIS 1.0.a Export File for the Message Receipt Discrepancy ASN

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About this document

This documentation details the standard in-house data formats, which the BAAN Electronic Message Interchange System BEMIS requires as interfaces to the appropriate EDI subsystem.

The documentation is intended for developers of EDI subsystems, which want to realize an interface with BAAN IV. Furthermore, this documentation helps consultants, who want to implement an interface on this basis, to check the correct data contents of the transfer files.

This documentation describes the EDI message *outgoing Receipt Discrepancy Advance Ship Notices*.

Chapter 1 describes the structure of the interface file, the different record types within the file and the used key fields.

Chapter 2 details every single record type of the message. This chapter contains an overview table with the corresponding BAAN table fields. In addition, every single field is more detailed.

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1　Documentation of the record types

The following section of the documentation details the BAAN ELECTRONIC message in-house format "Receipt Discrepancy ASN".

Available record types of the message type Receipt Discrepancy ASN

The use of the following record types is conditional (C) respectively mandatory (M), when you transfer information of a shipment note by means of the messages ANSI X12 to transmitt the discrepancies of Advance Ship Notices.

The Receipt Discrepancy ASN message (in-house format) consists of the following records:

ID	Status	Name
SA1	M	Message Overhead
SA3	M	Receipt Discrepancy ASN Header
SA4	M	Receipt Discrepancy ASN Position

Structure of the Receipt Discrepancy ASN message (in-house format)

The following record structure is used for the message type BEMIS Receipt Discrepancy ASN:

Level	Record ID	Status	Name
1	SA1	M/1	Message Overhead
3	SA3	M/R	Receipt Discrepancy ASN Header
4	SA4	M/R	Receipt Discrepancy ASN Position

Branching diagram

The branching diagram shows the structure of the message. It indicates the hierarchical relationship between segments. A segment is a set of functionally-related BAAN tables.

```
                   ┌─────────┐
        ┌──────────┤  SA1    │
        │          ├────┬────┤
        │          │ M  │ 1  │
        │          └────┴────┘
        │          ┌─────────┐
        └──────────┤  SA3    │
                   ├────┬────┤
                   │ M  │ R  │
                   └────┴────┘
                        │     ┌─────────┐
                        └─────┤  SA4    │
                              ├────┬────┤
                              │ M  │ R  │
                              └────┴────┘
```
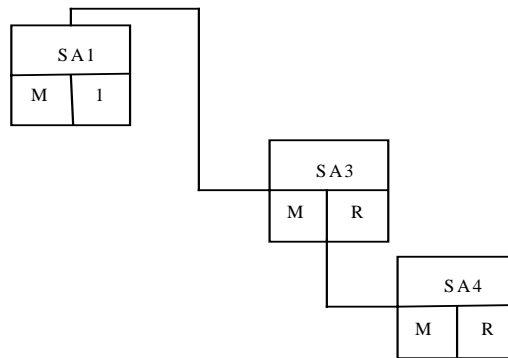
Legend:

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

Figure 1, Branching diagram

For example, for one message, which consists of one shipment with one shipping note with several shipping note positions and packaging positions, the BEMIS file has the following structure:

SA1 ...	Message Overhead
SA3 ...	Receipt Discrepancy ASN Header 1
SA4 ...	Receipt Discrepancy ASN Position 11
SA4 ...	Receipt Discrepancy ASN Position 12
SA1 ...	Message Overhead New Message
SA3 ...	Receipt Discrepancy ASN Shipping Note Header 2
SA4 ...	Receipt Discrepancy ASN Position 21
....	

Receipt Discrepancy ASN - key fields

The following structure of the key fields is used to determine the corresponding records of a Receipt Discrepancy ASN:

Record type	Key field 1	Key field 2	Key field 3	Key field 4
SA1	Message Reference	Network address supplier		
SA3	Message Reference	Network address supplier	Shipping Note No.	
SA4	Message Reference	Network address supplier	Shipping Note No.	Shipping Note Position

Network directories

The so-called network directories form the basis of the communication between the EDI subsystem and BAAN IV. These directories are established in BAAN. The network basis directories for each network are defined in the BAAN session tcedi0120m000. For the network BEMIS, the basis directories can be indicated in the following way:

/auto3/baanIV/bemis/rdasn

BAAN will additionally create the following subdirectories:

/auto3/baanIV/bemis/rdasv/appl_from/
/auto3/baanIV/bemis/rdasn/appl_to/
/auto3/baanIV/bemis/rdasn/command/
/auto3/baanIV/bemis/rdasn/store_recv/
/auto3/baanIV/bemis/rdasn/store_sent/
/auto3/baanIV/bemis/rdasn/trace/

The above mentioned directories have the following function:

1   .../appl_from/: In this directory, BAAN IV records the outgoing messages which are the defined BEMIS in-house format files. The EDI subsystem can collect them from here.

2   .../appl_to/: The EDI subsystem writes the incoming message into this directory in the BAAN IV in-house format.

3   .../command/: Directory of the semaphores.

4   .../store_recv/: BAAN IV stores in this directory processed incoming messages, if the configuration is accordingly. During this process an additional subdirectory by incoming message file is created which is named with a date and time stamp indicating when the message was moved.

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

6   .../trace/: BAAN 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 is used for outgoing and one for incoming messages. This means that one message file contains data for several partners.

The file name of the BEMIS in-house format file of the Receipt Discrepancy ASN, which is being described in this documentation, is defined in the following way:

Direction	File name	Network directory
outgoing	rdasn.out	../appl_from
incoming		../appl_to

BEMIS Messages – Conventions

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

1 The length of a record can vary.
2 The message record must consist of all fields, even if not every field contains a value.
3 The fields in the file are to be seperated by a ; .
4 The text values of the fields have to be put into ““.
5 The numerical values must not be put into ““.
6 Every message record starts with “SAx“.
7 Every message record ends with “SAx_END“.

In the following sections you will find the format descriptions for the individual record types of the BEMIS in-house format file. The tables contain the following data:

RECEIPT DISCREPANCY ASN INHOUSE FORMAT				
Pos	FIELD DESCRIPTION	Key	ST	FM

The first block of the table describes the format of a record type:

Pos.	Position of the field in the record
Field name	Description of the field
Key	Key field outgoing (O) / incoming (I)
ST	Field status mandatory (M) / conditional (C)
FM	Field format

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 digits
n1	numerical field with exactly 1 character

When BAAN generates outgoing messages, the numerical fields are written into the in-house format file without leading zeros. For example, for the year "0000" a "0" is written into the BEMIS message file.

Mapping from Application Table Fields (Outcoming)	
Table Field	Action

The second block of the table describes the corresponding table field for outgoing messages in BAAN IV as well as the possible special actions, which are taken during the processing of the messages.

Mapping to Application Table Fields (Incoming)	
Table Field	Action

The third block of the table describes the corresponding table field for incoming messages in BAAN IV as well as the possible special actions, which are taken during the processing of the messages.

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 BEMIS 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 BEMIS 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 emty alphanumerical positions are exported in two way. The first way is to point out a position using the semikolons. The second way BAAN exports empty alphanumerical positions is to write two inverted commans within the position. This depends whether the alphanumerical field existis in BAAN's database or not. Finally we take a look at the following expample:

empty numerical Position:

<div align="center">

`"SAX";...;;...;"SAX_END"`

</div>

empty alphanumerical Position:

<div align="center">

`"SAX";...;;...;"SAX_END"`

or

`"SAX";...;"";...;"SAX_END"`

</div>

Changing the Date Format

For the BAAN Versions b and c2/3 we have defined a date format using up to 6 numerical digits. Reading this definition, you will find out that the date format has been changed to 8 digits at maximum. With the BAAN Version BAAN IVC4 the delivered BEMIS default file the defaults.edi will be different in this point (in comparison to the versions delivered before). In BAAN EDI there is one global Parameter in order to send out date information including the two digits for the century.

The enclosed screen shots will show you where you will find the responsible parameter.

You have to choose the following menu option:
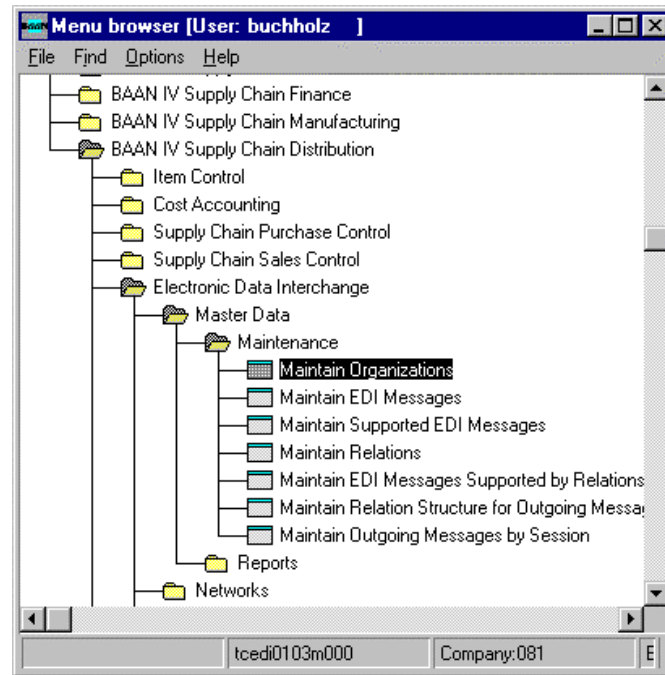
After you called the session tcedi0103m000 you will see that the entry for the dateformat on form two has been changed to "With Century (YYYYMMDD).
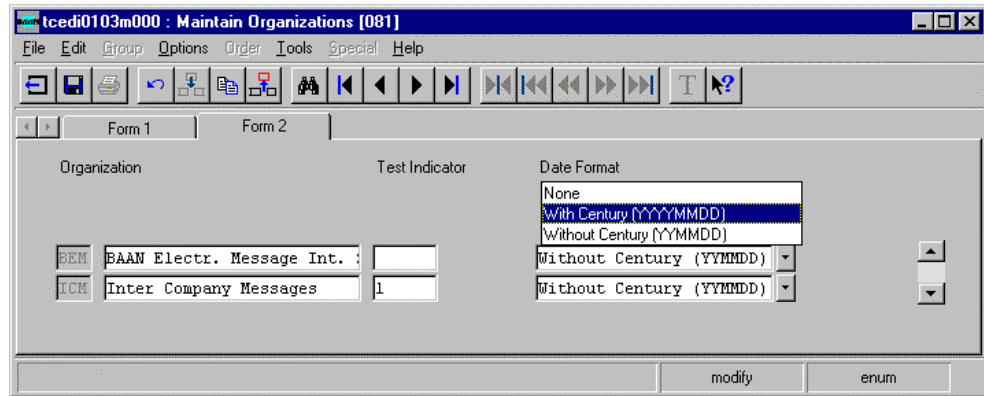
PLEASE NOTICE: If you use this option above the date format of every exported message will be changed to 8 digits! This means that the partner system (the translator software) has to able to translate each outgoing message comming with the changed date format!

Following the table overview, every BAAN field is described in a more detailed way, including information about the processing in the EDI subsystem and in BAAN IV.

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2 Receipt Discrepancy ASN – Record description

This chapter describes the record types which are used in the BAAN standard in-house message format for Receipt Discrepancy ASNs according to ANSI X12 856.

SA1 Message Overhead

Status: Mandatory

Frequency: Once by message

Description: This record supports the clear identification of the whole message.

ADVANCE SHIP NOT ICES 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	Record type	O/I	M	an3	SA1			
2	Message reference	O/I	M	an..14	tcedi701.bano	Generation (see below)		
3	Network address customer / supplier	O/I	M	an..17	tcedi028.neta	Conversion (see below)		
4	Our Identification in the network		M	an..17	tcedi020.neta	Conversion (see below)		
5	Message		M	an..6	tcedi001.code	Conversion (see below)		
6	Organization		M	an..6	tcedi003.code	Conversion (see below)		
7	Order type		M	an..35	tcedi011.koor	Conversion (see below)		
8	Order reference		M	an..35	empty	not filled at the moment (...;.““;...)		
9	Shipping date		M	n..8	current date			
10	Shipping time		M	n..4	current time			
11	Transfer code old		M	an..14	empty	not filled at the moment (..;.““;..)		
12	End of record sign		M	an7	SA1_END			

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Detailed description of Receipt Discrepancy ASN, record type SA1 Overhead

Position	**1**	Field format	**an3**	Field status	**M**
Field name		**Record type**		(key field out/in)	

Description: This field identifies the record type in the message block. It contains the fixed value 'SA1'.

Processing outgoing

EDI subsystem:

BAAN: This field is filled with the fixed value 'SA1'.

Processing incoming

EDI subsystem:

BAAN:

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

Description: This field identifies all connected records of one shipment notification. The message reference has to be clear by shipment notification. The numbering helps to control the chronological order of the Receipt Discrepancy ASNs and the complete transfer. The field consists of a fix part with four characters, the current date in the format YYMMDD and a serial number with four characters.

The special format is defined in the network parameters in the BAAN table tcedi020. When generating the message reference with the EDI subsystem, 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 subsystem:

BAAN: BAAN generates this number to identify a shipment notification, stores it in the BAAN table field tcedi701.bano and writes it into all records of a Receipt Discrepancy ASN.

Processing incoming

EDI subsystem:

BAAN:

Position	**3**	Field format	**an..17**	Field status	**M**
Field name	**Network address customer / supplier**			(key field out/in)	

Description:	This field contains on the outgoing side the network address of the supplier and on the incoming side the network address of the customer.

Processing outgoing

EDI subsystem:

BAAN:	The network address is stored in the BAAN table tcedi028 'Relations by network' under the corresponding business partner (supplier) and the corresponding network in the BAAN field TFtcedi028.neta. The contents of this field is mapped to the position of the transfer file.

Processing incoming

EDI subsystem:

BAAN:

Position	**4**	Field format	**an..17**	Field status	**M**
Field name	**Our identification in the network**				

Description:	This field contains on the outgoing side our identification (customer) in the network.

Processing outgoing

EDI subsystem:

BAAN:	The identification of the customer in the used network is entered in the BAAN table tcedi020 'Networks'. The BAAN field TFtcedi028.neta is mapped to this position.

Processing incoming

EDI subsystem:

BAAN:

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 of the message type shipment notification is 'RDSASN'.

Processing outgoing

EDI subsystem:

BAAN: The internal message code tcedi001.code 'RDSASN' of the BAAN table tcedi001 'Supported EDI Messages' is mapped to this position.

Processing incoming

EDI subsystem:

BAAN:

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

Description: This field contains the organization (Standard/Norm), which is used for the EDI communication.

Processing outgoing

EDI subsystem:

BAAN: The internal organisation code tcedi003.code 'BEMIS' from the BAAN table tcedi003 'Organizations' is mapped to this position.

Processing incoming

EDI subsystem:

BAAN:

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

Description: This field contains a code for the concerned order type.

Processing outgoing

EDI subsystem:

BAAN: In BAAN table tcedi011 there must be an entry for this order type in connection with the appropriate message and organization. The BAAN field TFtcedi011.koor is mapped to this position. It contains the code R861 (...;"R861";...).

Processing incoming

EDI subsystem:

BAAN: .

Position	**8**	Field format	**an..35**	Field status	**M**
Field name		**Order reference**			

Description: This field contains a code for the order reference.

Processing outgoing

EDI subsystem:

BAAN: The position will not be filled; here (...;"";...).

Processing incoming

EDI subsystem:

BAAN:

Position	**9**	Field format	n..8	Field status	**M**
Field name		**Shipping date**			

Description: This field contains on the outgoing side the current date, on which the message was created. On the incoming side, this field contains the arrival date of the message at the EDI subsystem. The date is displayed in the following format: YYYYMMDD.

Processing outgoing

EDI subsystem:

BAAN: Mapping of the current date to the position.

Processing incoming

EDI subsystem:

BAAN:

Position	**10**	Field format	**n..4**	Field status	**M**
Field name		**Shipping time**			

Description: This field contains on the outgoing side the time, when the message was created. On the incoming side, the field contains the arrival time of the message at the EDI subsystem. The time is displayed in the following format: HHMM.

Processing outgoing

EDI subsystem:

BAAN: Mapping of the current time to the position.

Processing incoming

EDI subsystem:

BAAN:

Position	**11**	Field format	**an..14**	Field status	**M**
Field name		**Transfer code old**			

Description: This field contains the reference number of the previous transfer.

Processing outgoing

EDI subsystem:

BAAN: The position will not be filled; here (..;"";..).

Processing incoming

EDI subsystem:

BAAN:

Position	**12**	Field format	**an7**	Field status	**M**
Field name		**End of record sign**			

Description: This field indicates the end of the record. It contains the fixed value 'SA1_END'.

Processing outgoing

EDI subsystem:

BAAN: The field is filled with the fixed value 'SA1_END'.

Processing incoming

EDI subsystem:

BAAN:

SA3 Receipt Discrepancy ASN Header

Status: Mandatory

Frequency: Repeatable by shipment

Description: This record type supports the transfer of shipping note data to a shipment. This record type is applied several times to one shipment.

RECEIPT DISCREPANCY ASN 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.	Record type	O/I	M	an3	SA3			
2.	Message reference	O/I	M	an..14	tcedi701.bano	Generation (see below)		
3.	Supplier code (out) Network address customer (in)	O I	M M	an..6 an..17	tdpsc045.suno	Conversion (see below)		
4.	Shipping note number	O/I	M	an..30	tdpsc045.sdoc			
5.	Actual Arrival date planned Defined by the customer		C	n..8	tdpsc045.aadt			
6.	Actual Arrival time planned		C	n..4	tdpsc045.aatm			
7.	Due date		C	n..8	tdpsc045.exdt			
8.	Due time		C	n..4	tdpsc045.exti			
9.	Planned delivery date		C	n..8	tdpsc045.ddat			
10.	Planned delivery time		C	n..6	tdpsc045.dtim			
11.	Confirmed delivery date		C	n..8	tdpsc045.cdat			
12.	Delivery point		C	an..5	tdpsc045.dock			
13.	Shipping type		C	an..2	tdpsc045.trmd	Conversion (see below)		
14.	Site customer		C	an..6	tdpsc045.tprf			
15.	Confirmed delivery time		C	n..4	tdpsc045.ctim			
16.	Invoice Number		C	an...20	tdpsc045.invn			
17.	Invoice Date		C	n..8	tdpsc045.invd			
18.	Net Weight		C	n..15	tdpsc045.ntwt	Format: NNNNNNNNNNN.NNN		
19.	Gross shipment note weight		C	n..15	tdpsc045.grwt	Format: NNNNNNNNNNN.NNN		

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RECEIPT DISCREPANCY ASN 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
20.	Master Bill of Lading Number		C	an..30	tdpsc045.load			
21.	Date Vehicle In		C	n..8	tdpsc045.idat			
22.	Time Vehicle In		C	n..6	tdpsc045.itim			
23.	Container Note Number		C	an..20	tdpsc045.pcno			
24.	AETC Number		C	n..6	tdpsc045.aetc			
25.	Carrier Pro Number		C	n..6	tdpsc045.pron			
26.	Vehicle Prefix		C	an..4	tdpsc045.vpre			
27.	Vehicle ID		C	an..25	tdpsc045.vhid			
28.	Carrier Number		C	an..6	tdpsc045.carr			
29.	Carrier Shipment Document Number		C	an..17	tdpsc045.cntn			
30.	Receipt Discrepancy		M	an1	tdpsc045.recd	"0" means empty "1" means yes "2" means no		
31.	Document Date		C	n..8	tdpsc045.dcdt			
32.	Document Time		C	n..4	tdpcs045.dcti			
33.	End of record sign Fixed value "SA3_END"		M	an7	"SA3_END"			

Detailed description of Receipt Discrepancy ASN, record type SA3 Shipping note header

Position	1	Field format	**an3**	Field status	**M**
Field name		**Record type**	(key field out/in)		

Description: This field identifies the record type in the message block.

It contains the fixed value 'SA3'.

Processing outgoing

EDI subsystem: None.

BAAN: The position is filled with the fixed value 'SA3'.

Processing incoming

EDI subsystem: The position is filled with the fixed value 'SA3'.

BAAN: None.

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

Description: This field identifies all connected records of one shipment notification. The message reference has to be clear by shipment notification. The numbering helps to control the chronological order of the Receipt Discrepancy ASNs and the complete transfer. The field consists of a fix part with four characters, the current date in the format YYMMDD and a serial number with four characters.

The special format is defined in the network parameters in BAAN table tcedi020. When generating the message reference with the EDI subsystem, 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 subsystem:

BAAN: BAAN generates this number to identify a shipment notification, stores it in the BAAN table field tcedi701.bano and writes it into all records of a Receipt Discrepancy ASN.

Processing incoming

EDI subsystem:

BAAN:

Position	**3 out**	Field format	**an..6**	Field status	**M**
Field name		**Supplier code**		(Key field out)	

Description: This field contains the identification code of the supplier on the customer side.

Processing outgoing

EDI subsystem:

BAAN: Mapping of BAAN table field tdpsc045.suno to position.

Position	**3 in**	Field format	**an..17**	Field status	**M**
Field name	**Network address customer**			(Key field in)	

Description: This field contains the network address of the customer.

Processing incoming

EDI subsystem:

BAAN:

Position **4**		Field format	**out: n..9 / in: an..30**	Field status	**M**
Field name		**Shipping Note Number**			

Description: ASN Number – Unique Supplier assigned number that is not repeated within a defined periode (e.g. a year).

Processing outgoing

EDI subsystem: None.

BAAN: Mapping of field value to BAAN field TFtdpsc045.sdoc.

Processing incoming

EDI subsystem:

BAAN:

Position	**5**	Field format	**n..8**	Field status	**C**
Field name		**Arrival date planned**			

Description: Defines the date at which the shipment arrives.

This field contains a numerical date with a maximum of 8 digits. The date is displayed in the following format: *YYYYMMDD.*

Processing outgoing

EDI subsystem: None.

BAAN: Mapping of BAAN field TFtdpsc045.aadt. to position.

Processing incoming

EDI subsystem:

BAAN:

Position	**6**	Field format	**n..4**	Field status	**C**
Field name		**Arrival time planned**			

Description: Defines the time at which the shipment arrives. It is defined by the customer.

This field contains a numerical time with a maximum of 4 digits. The time is displayed in the following format: *'HHMM'*.

Processing outgoing

EDI subsystem: None.

BAAN: Mapping of BAAN field TFtdpsc045.aatm to position.

Processing incoming

EDI subsystem:

BAAN:

Position	**7**	Field format	**n..8**	Field status	**C**
Field name		**Due Date**			

Description: Defines the date at which the shipment is required.

This field contains a numerical date with a maximum of 8 digits. The date is displayed in the following format: *YYYYMMDD.*

Processing outgoing

EDI subsystem: None.

BAAN: Mapping of BAAN field TFtdpsc045.exdt to position.

Processing incoming

EDI subsystem:

BAAN:

Position	**8**	Field format	**n..4**	Field status	**C**
Field name		**Due time**			

Description: Defines the time at which the shipment is required.

This field contains a numerical time with a maximum of 4 digits. The time is displayed in the following format: *'HHMM'*.

Processing outgoing

EDI subsystem: None.

BAAN: Mapping of BAAN field TFtdpsc045.exti to position.

Processing incoming

EDI subsystem:

BAAN:

Position	**9**	Field format	**n..8**	Field status	**C**
Field name		**Planned delivery date**			

Description: Defines the date at which the shipment was/is planned.

This field contains a numerical date with a maximum of 8 digits. The date is displayed in the following format: *YYYYMMDD.*

Processing outgoing

EDI subsystem: None.

BAAN: Mapping of BAAN field TFtdpsc045.ddat to position.

Processing incoming

EDI subsystem:

BAAN:

Position	**10**	Field format	**n..4**	Field status	**C**
Field name		**Planned delivery time**			

Description: Defines the time at which the shipment was/is planned.

This field contains a numerical time with a maximum of 4 digits. The time is displayed in the following format: *'HHMM'*.

Processing outgoing

EDI subsystem: None.

BAAN: Mapping of BAAN field TFtdpsc045.dtim to position.

Processing incoming

EDI subsystem:

BAAN:

Position	**11**	Field format	**n..8**	Field status	**C**
Field name		**Confirmed delivery date**			

Description: Defines the date of the shipment.

This field contains a numerical date with a maximum of 8 digits. The date is displayed in the following format: *YYYYMMDD*.

Processing outgoing

EDI subsystem: None.

BAAN: Mapping of BAAN field TFtdpsc045.cdat to position.

Processing incoming

EDI subsystem:

BAAN:

Position	**12**	Field format	**an..5**	Field status	**C**
Field name		**Delivery point**			

Description: Describes the delivery point at the customer's site.

This field contains an alphanumerical code for the delivery point.

Processing outgoing

EDI subsystem: None.

BAAN: Mapping of BAAN field TFtdpsc045.dock to position.

Processing incoming

EDI-subsystem:

BAAN:

Position	**13**	Field format	**an..2**	Field status	**C**
Field name	**Shipping type**				

Description: Describes the key for the type of shipment.

Use the BAAN Session tdssc0142m000 to maintain the following codes (Supply Chain Base Table).

This field contains an alphanumerical code which might be:

6	Military Official Mail
7	Mail
A	Air
B	Barge
C	Consolidation
D	Parcel Post
E	Expedited Truck
F	Flyaway
H	Customer Pickup
I	Common Irregular Carrier
J	Motor
K	Backhaul
L	Contract Carrier
M	Motor (Common Carrier)
N	Private Vessel
O	Containerized Ocean

P	Private Carrier
Q	Conventional Ocean
R	Rail
S	Ocean
T	Best Way (Shippers Option)
U	Private Parcel Service
W	Inland Waterway
X	Intermodal (Piggyback)
Y	Military Intratheater Airlift Service
AC	Air Charter
AE	Air Express
AF	Air Freight
AH	Air Taxi
AQ	Quicktrans
AR	Armed Forces Courier Service (ARFCOS)
BP	Book Postal
BU	Bus
CE	Customer Pickup / Customer's Expense
DA	Driveaway Service
DW	Driveaway
ED	European or Pacific Distribution System
FA	Air Frieght Forwarder
FL	Motor (Flatbed)
GG	Geographic Receiving/Shipping
GR	Geographic Receiving
GS	Geographic Shipping
LA	Logair
LT	Less Than Trailer Load (LTL)

MB	Motor (Bulk Carrier)
MP	Motor (Package Carrier)
PA	Pooled Air
PG	Pooled Piggyback
PL	Pipeline
PP	Pool to Pool
PR	Pooled Rail
PT	Pooled Truck
RC	Rail
RR	Roadrailer
SB	Shipper Agent
SC	Shipper Agent (Truck)
SD	Shipper Association
SE	Sea/Air
SR	Supplier Truck
SS	Steamship
ST	Stack Train
TA	Towaway Service
TC	Cab (Taxi)
VA	Motor (Van)
VE	Vessel
VL	Vessel
WP	Water or Pipeline Intermodal Movement
Y1	Ocean Conference Carrier
Y2	Ocean Non-Conference Carrier
ZZ	Mutually defined

Processing outgoing

EDI subsystem: None.

BAAN: Mapping of BAAN field TFtdpsc045.trmd to position.

Processing incoming

EDI-subsystem:

BAAN:

Position	**14**	Field format	**an..6**	Field status	**C**
Field name		**Site customer**			

Description: Describes the site of the customer.

This field contains the alphanumerical code for the site of the customer.

Processing outgoing

EDI subsystem: None.

BAAN: Mapping of BAAN field TFtdpsc045.tprf to position.

Processing incoming

EDI-subsystem:

BAAN:

Position	**15**	Field format	**n..6**	Field status	**C**
Field name		**Confirmed delivery time**			

Description: The time that the goods are planned to leave the premises.

Processing outgoing

EDI subsystem: None.

BAAN: Mapping of BAAN field TFtdssc045.ctim to position.

Processing incoming

EDI-subsystem:

BAAN:

Position	**16**	Field format	**an..20**	Field status **C**
Field name		**Invoice number**		

Description: This field contains the identification number, which the supplier applied to a created invoice.

Processing outgoing

EDI subsystem: None.

BAAN: Mapping of BAAN field BAAN field TFtdpsc045.invn to position..

Processing incoming

EDI-subsystem:

BAAN:

Position	**17**	Field format	**n..8**	Field status	**C**
Field name		**Invoice date**			

Description: This fields contains the date of the current invoice. (format: *YYYYMMDD*)

Processing outgoing

EDI-subsystem: None.

BAAN: Mapping of BAAN field TFtdpsc045.invd to position.

Processing incoming

EDI subsystem:

BAAN:

Position	**18**	Field format	**n..15**	Field status	**C**
Field name		**Net weight**			

Description: This field contains the net weight of the shipment.

Field Format: *NNNNNNNNNNN.NNN*

Processing outgoing

EDI-subsystem: Mapping of BAAN field TFtdpsc045.ntwt to position.

BAAN: None.

Processing incoming

EDI subsystem:

BAAN:

Position	**19**	Field format	**n..15**	Field status	**C**
Field name		**Gross shipment note weight**			

Description: Describes the gross weight of the shipment note.

The field contains numerical code for the gross weight. The code is displayed in the following format: *NNNNNNNNNNNNN.NNN*.

Processing outgoing

EDI subsystem: None.

BAAN: Mapping of BAAN field TFtdpsc045.grwt to position.

Processing incoming

EDI subsystem:

BAAN:

Position	**20**	Field format **an..30** Field status	**C**
Field name		**Master Bill of Lading Number**	

Description: A Master Bill of Lading is a transportation document that is used to group Advice notes together. If a truck is carrying product to different customers, the driver must have one document that lists everything on his truck. This document is the MBOL and has got a number.

Processing outgoing

EDI subsystem: None.

BAAN: Mapping of BAAN field to position TFtdpsc045.load.

Processing incoming

EDI subsystem:

BAAN:

Position	**21**	Field format	**n..8**	Field status	**C**
Field name		**Date Vehicle In**			

Description: The actual date on which the means of transport arrives to pick up the shipment.

Processing outgoing

EDI subsystem: None.

BAAN: Mapping of BAAN field TFtdpsc045.idat to position.

Processing incoming

EDI subsystem:

BAAN:

Position	**22**	Field format	**n..4**	Field status	**C**
Field name		**Time Vehicle In**			

Description: The actual time at which the means of transport arrives in dock
                and is ready to be loaded with the shipment. The Date/Time
                Vehicle In and Date/Time Vehicle Out fields are used to
                manage the arrival of scheduled means of tranportation and the
                length of time it takes to load the truck and get it back on the
                road.

Processing outgoing

EDI subsystem: None.

BAAN: Mapping of BAAN field TFtdpsc045.itim to position.

Processing incoming

EDI subsystem:

BAAN:

Position	**23**	Field format	**an..20**	Field status	**C**
Field name		**Container Note Number**			

Description: Normally the carriers have their own documentation, in
                particular their own delivery notes. This field allows you to
                record the number of the carrier's delivery note in case of later
                dispute with the carrier.Processing outgoing

EDI subsystem: None.

BAAN: Mapping of BAAN field TFtdpsc045.pcno to position.

Processing incoming

EDI subsystem:

BAAN:

Position	**24**	Field format	**n..6**	Field status	**C**
Field name		**AETC Number**			

Description: This number represents the code authorizing the excess transportation costs. Normally the supplier receives this number from the customer to authorize transportation costs exceeding the norm.

Processing outgoing

EDI subsystem: None

BAAN: Mapping of BAAN field TFtdpsc045.atec to position.

Processing incoming

EDI subsystem:

BAAN:

Position	**25**	Field format	**n..6**	Field status	**C**
Field name		**Carrier Pro Number**			

Description: The number the forwarding agent identifies the shipment with.

Processing outgoing

EDI subsystem: None

BAAN: Mapping of BAAN field field TFtdpsc045.pron to position.

Processing incoming

EDI subsystem:

BAAN:

Position	**26**	Field format	**an..4**	Field status	**C**
Field name		**Vehicle Prefix**			

Description: An extra code to identify the vehicle of transport, in addition to the Vehicle ID field.

Processing outgoing

EDI subsystem: None

BAAN: Mapping of BAAN field TFtdpsc045.vpre to position.

Processing incoming

EDI subsystem:

BAAN:

Position	**27**	Field format	**an..25**	Field status	**C**
Field name		**Vehicle ID**			

Description: The code by which the vehicle is identified this means it identifies the ship, flight, truck or any other vessel used to transport the goods.

Processing outgoing

EDI subsystem: None

BAAN: Mapping of BAAN field to position TFtdpsc045.vhid.

Processing incoming

EDI subsystem:

BAAN:

Position	**28**	Field format	**an..6**	Field status	**C**
Field name		**Carrier Number**			

Description: The number of the carrier.

Processing outgoing

EDI subsystem: None

BAAN: Mapping of BAAN field to position TFtdpsc045.carr.

Processing incoming

EDI subsystem:

BAAN:

Position	**29**	Field format	**an..17**	Field status	**C**
Field name		**Carrier Shipment Document Number**			

Description: The carrier usually das his own documentation, in particular their own delivery notes. This pasotion allows to record the carrier's delivery note number.

Processing outgoing

EDI subsystem: None

BAAN: Mapping of BAAN field to position TFtdpsc045.cntn.

Processing incoming

EDI subsystem:

BAAN:

Position	**30**	Field format	**an1**	Field status	**C**
Field name		**Receipt Discrepancy**			

Description: This position indicates the disapproval of a receipt quantity.

"0" means empty
"1" means yes
"2" means no

Processing outgoing

EDI subsystem: None

BAAN: Mapping of BAAN field to position TFtdpsc045.recd.

Processing incoming

EDI subsystem:

BAAN:

Position	**31**	Field format	**n..8**	Field status	**C**
Field name		**Document Date**			

Description: The date the shipment Document was created.

Processing outgoing

EDI subsystem: None

BAAN: Mapping of BAAN field to position TFtdpsc045.dcdt.

Processing incoming

EDI subsystem:

BAAN:

Position	**32**	Field format	**n..4**	Field status	**C**
Field name		**Document Time**			

Description: The date the shipment Document was created.

Processing outgoing

EDI subsystem: None

BAAN: Mapping of BAAN field to position TFtdpsc045.dcti.

Processing incoming

EDI subsystem:

BAAN:

Position	**33**	Field format	**an7**	Field status	**M**
Field name		**End of record sign**			

Description: This field indicates the end of the record.

'SA3_END'

Processing outgoing

EDI subsystem: None

BAAN: The field is filled with the fixed value 'SA3_END'.

Processing incoming

EDI subsystem:

BAAN:

SA4 Receipt Discrepancy ASN Position

Status: Mandatory

Frequency: Repeatable by shipping note header

Description: This record type supports the transfer of position-specific shipping note data. It is directly connected to the previous record type SA3 and can occur several times, but will occur at least one time.

RECEIPT DISCREPANCY ASN 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.	Record type	O/I	M	an3		Constant 'SA4 "		
2.	Message reference	O/I	M	an..14	tcedi701.bano	Generation (see below)		
3.	Supplier code (out) Network address customer (in)	O I	M M	an..6 an..17	tdpsc045.suno	Conversion (see below)		
4.	Shipping note number	O/I	M	an..30	tdpsc045.sdoc			
5.	Position shipping note number	O/I	M	n..3	tdpsc046.pono			
6.	Customer article code		C	an..35	tdpsc046.item			
7.	Supplier article code		C	an..35	tdpsc046.cpno			
8.	Country of origin		C	an..3	tdpsc046.ccty	Conversion (see below)		
9.	Delivered quantity		C	n..15	tdpsc046.iqty			
10.	Purchase Unit		C	an..3	tdpsc041.cuqp	Conversion (see below)		
11.	Supplier order number		C	an..30	tdpsc046.cono			
12.	Gross weight shipment position		C	n..15	tdpsc046.grwt			
13.	Lot number		C	an..16	tdpsc046.clot			
14.	Use code		C	an..1	tdpsc046.appc			
15.	Conversion Factor Sales to Inventory Unit		C	n..15	tdpsc046.cvqs			
16.	Net Weight		C	n..11	tdpsc046.ntwt			
17.	AETC Number		C	n..6	tdpsc046.aetc			
18.	Contract Price		C	n..20	tdpsc046.cpri			
19.	Distribution Center Warehouse Coded		C	an..3	tdpsc046.cwar			
20.	DC Location Coded		C	an..8	tdpsc046.loca			

Definition of BEMIS 1.0.a Export File for the Message Receipt Discrepancy ASN

RECEIPT DISCREPANCY ASN 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
21.	Dealer Code		C	an..8	tdpsc046.dcod			
22.	Dealer Order Reference		C	an..10	tdpsc046.dord			
23.	Reason Code for Disapproval of the receipt quantity		C	an..3	tdpsc046.drcd			
24.	Purchase Schedule Reference		C	n..9	tdpsc046.schn			
25.	Delivery Schedule Reference		C	n..9	tdpc046.dref			
26.	Received Quantity		C	n..20	tdpsc046.cqty			
27.	Receiving Date		C	n..8	tdpsc046.date			
28.	Receiving Time		C	n..4	tdpsc046.time			
29.	Contract Number		C	n...9	tdpsc046.cont			
30.	Contract Position Number		C	n..4	tdpsc046.posi			
31.	End of record sign Constant 'SA4_END"		M	an7		Constant 'SA4_END"		

Detailed description of Receipt Discrepancy ASN, record type SA4 Shipping Note Position

Position	1	Field format	**an3**	Field status	**M**
Field name		**Record type**		(key field out/in)	

Description: This field identifies the record type in the message block.

It contains the fixed value 'SA4'.

Processing outgoing

EDI subsystem: None

BAAN: The position is filled with the fixed value 'SA4'.

Processing incoming

EDI subsystem:

BAAN

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

Description: This field identifies all connected records of one shipment notification. The message reference has to be clear by shipment notification. The numbering helps to control the chronological order of the Receipt Discrepancy ASNs and the complete transfer. The field consists of a fix part with four characters, the current date in the format YYMMDD and a serial number with four characters.

The special format is defined in the network parameters in BAAN table tcedi020. When generating the message reference with the EDI subsystem, 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 subsystem:

BAAN: BAAN generates this number to identify a shipment notification, stores it in the BAAN table field tcedi701.bano and writes it into all records of a Receipt Discrepancy ASN.

Processing incoming

EDI subsystem:

BAAN:

Position	**3 out**	Field format	**an..6**	Field status	**M**
Field name		**Supplier code**		(Key field out)	

Description: This field contains the identification code of the supplier on the customer side.

Processing outgoing

EDI subsystem:

BAAN: Mapping of BAAN table field tdpsc045.suno to position.

Position	**3 in**	Field format	**an..17**	Field status	**M**
Field name	**Network address customer**			(Key field in)	

Description: This field contains the network address of the customer.

Processing incoming

EDI subsystem:

BAAN:

Position	**4**	Field format	**an30**	Field status	**M**
Field name		**Shipping note number**			

Description: Describes the clear identification of the shipping note.

Processing outgoing

EDI subsystem: None.

BAAN: Mapping of BAAN field TFtdpsc045.sdoc to position.

Processing incoming

EDI subsystem:

BAAN:

Position	**5**	Field format	**n..3**	Field status	**M**
Field name		**Position Shipping note number**			

Description: Describes the clear identification of the shipping note position.

This field contains a clear shipping note position with a maximum of 3 digits.

Processing outgoing

EDI subsystem: None

BAAN: Mapping of BAAN field TFtdpsc046.pono to position.

Processing incoming

EDI subsystem:

BAAN:

Position	**6**	Field format	**an..35**	Field status	**C**
Field name		**Customer article code**			

Description: Describes the identification of the item by the customer.

This field contains the alphanumerical item identification with a maximum of 35 characters.

Processing outgoing

EDI-subsystem: None

BAAN: Mapping of BAAN field TFtdpsc046.item to position.

Processing incoming

EDI subsystem:

BAAN:

Position	**7**	Field format	**an..35**	Field status	**C**
Field name		**Supplier article code**			

Description: Describes the identification of the item by the supplier.

This field contains the alphanumerical item identification with a maximum of 35 characters.

Processing outgoing

EDI-subsystem: None

BAAN: Mapping of BAAN field TFtdpsc046.cpno to position.

Processing incoming

EDI subsystem:

BAAN:

Position	**8**	Field format	**an..3**	Field status	**C**
Field name		**Country of origin**			

Description: This field contains the identification of the country of origin for an item according to ODDC 6.

AT: Austria
BE: Belgium
CH: Switzerland
DE: Federal Republik of Germany
DK: Denmark
ES: Spain
FI: Finland
FR: France
GB: United Kingdom
GR: Greece
IE: Ireland
IT: Italy
LU: Luxembourg
NL: Netherlands
NO: Norway
PT: Portugal
SE: Sweden
TR: Turkey
YU: Yugoslavia

Processing outgoing

EDI-subsystem: None

BAAN: Conversion of field value of BAAN field TFtdpsc046.ccty . Mapping of conversion value to position.

Processing incoming

EDI subsystem:

BAAN:

Position	**9**	Field format	**n..15**	Field status	**C**
Field name		**Delivered quantity**			

Description: Describes the delivered quantity of the related shipment
                notification position.

                This field contains a numerical value for the shipped quantity.
                It is displayed in the following format:
                'NNNNNNNNNNNNN.NNNN'.

Processing outgoing

EDI subsystem: None

BAAN: Mapping of BAAN field TFtdpsc046.iqty to position.

Processing incoming

EDI subsystem:

BAAN:

Position	**10**	Field format	**an..3**	Field status	**C**
Field name		**Purchase Unit**			

Description: This field contains the encoded measure of the purchased
                quantity. The coding was carried out on the basis of ODETTE-
                Standard ODDC 25:
                Millimeter MMT
                Centimeter CMT
                Meter MTR
                Kilometer KMT
                Square millimeter MMK
                Square centimeter CMK
                Square meter MTK
                Cubic millimeter MMQ
                Cubic centimeter CMQ
                Cubic meter MTQ
                Liter DMQ
                Gram GRM
                Kilogram KGM
                Metric ton TON
                Piece PCE

                If you want to transfer additional units of measurement, you
                need to enter them in the session tcedi2130m000 'Maintain
                units' for the company **BEM**.

Processing outgoing

EDI subsystem: None

BAAN: Mapping of BAAN field TFtdpsc046.cuqp to position.

Processing incoming

EDI subsystem:

BAAN:

Position	11	Field format	**an..17**	Field status	**C**
Field name		**Supplier order number**			

Description: Describes the supplier order number for the corresponding position of the contract.

This field contains an alphanumerical code with a maximum of 17 characters.

Processing outgoing

EDI-subsystem: None

BAAN: Mapping of BAAN field TFtdpsc046.cono to position.

Processing incoming

EDI subsystem:

BAAN:

Position	12	Field format	**n..15**	Field status	**C**
Field name		**Gross weight shipment position**			

Description: Describes the gross weight of the related shipment position.

This field contains a numerical value for the shipped quantity. It is displayed in the following format: '*NNNNNNNNNNNN.NNNN*'.

Processing outgoing

EDI subsystem: None

BAAN: Mapping of BAAN field TFtdpsc046.grwt to position.

Processing incoming

EDI subsystem:

BAAN:

Position **13**	Field format	**an..16**	Field status	**C**
Field name	**Lot number**			

Description: This field is reserved for later extensions.

Processing outgoing

EDI subsystem: None

BAAN: Mapping of BAAN field TFtdpsc046.clot to position.

Processing incoming

EDI subsystem:

BAAN:

Position	**14**	Field format	**an..1**	Field status	**C**
Field name		**Use Code**			

Description: Describes the usage of encoded shipment positions.

                You have to maintain these Codes in the following Session in the Supply Chain Base Table:

                Maintain Use Codes (tdssc0164m000)

Attention: **Normally every business partner uses his specific codes. This means you have to investigate the Assembler's EDI Guideline to find out which specific codes he uses. Furthermore this codes have to be agree to your EDI Subsystem supplier.**

Processing outgoing

EDI subsystem: None

BAAN: Mapping of BAAN field TFtdpsc046.appc to position.

Processing incoming

EDI subsystem:

BAAN:

Position	**15**	Field format	**n..15**	Field status	**C**
Field name		**Conversion Factor Sales to Inventory Unit**			

Description: If the value of the "Sales Price Unit" field is not the same as the value of the "Sales Unit" field, this is the conversion factor between the two.

Format: NNNNNN.NNNNNNNN (6.8)

Processing outgoing

EDI-subsystem: None

BAAN: Mapping of BAAN field TFtdpsc046.cvqs to position.

Processing incoming

EDI subsystem:

BAAN:

Position	**16**	Field format	**n..11**	Field status	**C**
Field name		**Net Weight**			

Description: The net weight of the items on the delivery, excluding packaging.

Format: NNNNNNN.NNN (7.3)

Processing outgoing

EDI-subsystem: None

BAAN: Mapping of BAAN field TFtdpsc046.ntwt to position.

Processing incoming

EDI subsystem:

BAAN:

Position	**17**	Field format	**n..6**	Field status	**C**
Field name		**AETC Number**			

Description: This number represents the code authorizing the excess transportation costs. Normally the supplier receives this number from the customer to authorize transportation costs exceeding the norm.

Example: Expedited shipping.

Processing outgoing

EDI subsystem: None

BAAN: Mapping of BAAN field TFtdpsc046.atec to position.

Processing incoming

EDI subsystem:

BAAN:

Position	**18**	Field format	**n..20**	Field status	**C**
Field name		**Contract Price**			

Description: The sales price, Invalid at least at the start of the contract. This Contract Price field is used to store the value of the special charges for the various charge types defined for the special charge cost items.

Format: NNNNNNNNNNNNNNNNN.NNNN (15.4)

Processing outgoing

EDI subsystem: None

BAAN: Mapping of BAAN field TFtdpsc046.cpri to position.

Processing incoming

EDI subsystem:

BAAN:

Position	**19**	Field format	**an..3**	Field status	**C**
Field name		**Distribution Center Warehouse Coded**			

Description: The distribution center warehouse, where the goods are to be delivered.

Processing outgoing

EDI subsystem: None

BAAN: Mapping of BAAN field TFtdpsc046.cwar to position.

Processing incoming

EDI subsystem:

BAAN:

Position	**20**	Field format	**an..8**	Field status	**C**
Field name		**DC Location Coded**			

Description: The location within the distribution center where the goods are to be delivered.

Processing outgoing

EDI subsystem: None

BAAN: Mapping of BAAN field to position TFtdpsc046.loca.

Processing incoming

EDI subsystem:

BAAN:

Position	**21**	Field format	**an..8**	Field status	**C**
Field name		**Dealer Coded**			

Description:

Processing outgoing

EDI subsystem: None

BAAN: Mapping of BAAN field TFtdpsc046.dcod to position.

Processing incoming

EDI subsystem:

BAAN:

Position	**22**	Field format	**an..10**	Field status	**C**
Field name		**Dealer Order Reference**			

Description:

Processing outgoing

EDI subsystem: None

BAAN: Mapping of BAAN field TFtdpsc046.dord to position.

Processing incoming

EDI subsystem:

BAAN:

Position	**23**	Field format	**an..3**	Field status	**C**
Field name	**Reason Code for Disapproval of the receipt quantity**				

Description: This position contains the reson code for disapproval of a receipt quantity.

You have to maintain these Codes in the following Session in the Logistics Tables:

Maintain Reasoins for Rejection (tcmcs0105m000)

Attention: **Normally every business partner uses his specific codes. This means you have to investigate the Assembler's EDI Guideline to find out which specific codes he uses. Furthermore this codes have to be agree to your EDI Subsystem supplier.**

Processing outgoing

EDI subsystem: None

BAAN: Mapping of BAAN field TFtdpsc046.drcd to position.

Processing incoming

EDI subsystem:

BAAN:

Position	**24**	Field format	**n..9**	Field status	**C**
Field name	**Purchse Schedule Reference**				

Description: The number of the Purchase Schedule used to order the regarded item.

Processing outgoing

EDI subsystem: None

BAAN: Mapping of BAAN field TFtdpsc046.schn to position.

Processing incoming

EDI subsystem:

BAAN:

Position	**26**	Field format	**n..20**	Field status	**C**
Field name	**Received Quantity**				

Description: In contrast to the delivered quantity this field identifies the number of items that were really received.

Format: NNNNNNNNNNNNNNN.NNNN (15.4)

Processing outgoing

EDI subsystem: None

BAAN: Mapping of BAAN field TFtdpsc046.dref to position.

Processing incoming

EDI subsystem:

BAAN:

Position	**25**	Field format	**n..9**	Field status	**C**
Field name	**Delivery Schedule Reference**				

Description: The number of the Delivery Schedule used to order the regarded item.

Processing outgoing

EDI subsystem: None

BAAN: Mapping of BAAN field TFtdpsc046.dref to position.

Processing incoming

EDI subsystem:

BAAN:

Position	**26**	Field format	**n..20**	Field status	**C**
Field name	**Received Quantity**				

Description: This position identifies the number of items that were really received.

Format: NNNNNNNNNNNNNNN.NNNN (15.4)

Processing outgoing

EDI subsystem: None

BAAN: Mapping of BAAN field TFtdpsc046.cqty to position.

Processing incoming

EDI subsystem:

BAAN:

Position	**27**	Field format	**n..8**	Field status	**C**
Field name	**Receiving Date**				

Description: The date the shipped goods were received.

Processing outgoing

EDI subsystem: None

BAAN: Mapping of BAAN field TFtdpsc046.date to position.

Processing incoming

EDI subsystem:

BAAN:

Position	**28**	Field format	**n..9**	Field status	**C**
Field name	**Receiving Time**				

Description: The time the shipped goods were received.

Processing outgoing

EDI subsystem: None

BAAN: Mapping of BAAN field TFtdpsc046.time to position.

Processing incoming

EDI subsystem:

BAAN:

Position	**29**	Field format	**n..9**	Field status	**C**
Field name	**Contract Number**				

Description: The number that identifies the contract.

Processing outgoing

EDI subsystem: None.

BAAN: Mapping of BAAN field TFtdpsc046.cont to position.

Processing incoming

EDI subsystem:

BAAN:

Position	30	Field format	**n..4**	Field status	**C**
Field name	**Contract Position Number**				

Description: This number identifies the contract line. A purchase contract may cover more than one contract line. Each contract line refers to an agreement with a supplier on one item.

Processing outgoing

EDI subsystem: None.

BAAN: Mapping of BAAN field TFtdpsc046.poni to position.

Processing incoming

EDI subsystem:

BAAN:

Position	31	Field format	**an7**	Field status	**M**
Field name	**End of record sign**				

Description: This field identifies the end of the record.

Contents: 'SA4_END'

Processing outgoing

EDI-subsystem: None

BAAN: The position is filled with the fixed value 'SA4_END'.

Processing incoming

EDI subsystem:

BAAN:

3   Sample file incoming/outgoing message

```
"SA1";"F8109811240006";"MET-
ISERNHAGEN";"F810";"INVASN";"BEMIS";"824";"";1998112

4;1149;"";"SA1_END"

"SA3";"F8109811240006";"MET-
ISERNHAGEN";"V2";19981112;1213;19980821;0;19980821;1

;19980821;"234";"RR";"";0;234;19980823;0;0;"234";19980
821;949;"";234;"234";"234"

;"23";"";"qwe";2;"SA3_END"

"SA4";"F8109811240006";"MET-
ISERNHAGEN";"V2";10;"EKPM1";"qwd";"";0;"PCE";"WE";0;

"";"";1;0;0;10;"320";"";"";"";"";0;0;0;;0;100012;10;"S
A4_END"

"SA1";"F8109811240007";"MET-
ISERNHAGEN";"F810";"INVASN";"BEMIS";"824";"";1998112

4;1149;"";"SA1_END"

"SA3";"F8109811240007";"MET-
ISERNHAGEN";"V3";19981124;12;19980820;0;19980820;1;1

9980820;"234";"RR";"";0;234;19980823;0;0;"234";1998082
1;949;"";234;"234";"234";"

23";"";"qwe";2;"SA3_END"

"SA4";"F8109811240007";"MET-
ISERNHAGEN";"V3";10;"EKPM1";"qwd";"";1212;"";"WE";0;

"";"";1;0;0;10;"320";"";"";"";"";0;0;0;;0;100012;10;"S
A4_END"
```

Definition of BEMIS 1.0.a Export File for the Message Receipt Discrepancy ASN

4 Glossary of terms and abbreviations

ABRUF	Schedule
Appl	Application
ANSI	American National Standards Organization
BEM	Baan Electronic Message - abbreviated form of BEMIS used with the definition of the EDI organization
BEMIS	Baan Electronic Message Interchange System
Business partner (BP)	Customer or supplier
C	Conditional, that is, optional message
defaults.edi	Export file detailing master EDI data
DELINS	Odette Delivery Instruction (Schedule)
Directory	Folder
EDI	Electronic Data Interchange; electronic exchange of documents in standard formats
EDIFACT	Electronic Data Exchange For Administration, Commerce and Transport. An ISO standard.
ELP	External Logistic partner
evaluation expression	If statement in the conversion setup for outgoing messages
ISO	International Standards Organization
ISO 4217	Code table
M	Mandatory (compulsory) message
MAIS	General Motor's interpretation of the subset of EDIFACT DELJIT Message
Messg	Message
network address	Folder (directory) path on network
ODDC	Odette Code Table
ODDC25	Odette Code Table 25
ODETTE	European standard for electronic data exchange
Org	Organization, that is, system
SCH	Supply Chain
Semaphore	Method to show a status using files with zero length

Translation	Conversion of one data format to another, for example Baan in-house data format to ODETTE
VAT	Value Added Tax (tax on turnover; sales tax)
VDA	Standard used for electronic data exchange in Germany
X12	Standard used for electronic data exchange in the United States