BAAN IVc4

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Message Type Shipping Schedule Definition of BEMIS 2.0 Inhouse Format

i

About this document

This documentation describes in detail the standard inhouse 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 of their software to BAAN IV. Furthermore, it supports consultants, who want to implement and verify such an interface within a customer project. Important fields are identified in English and German terms as well, to assist German-language speakers using this documentation.

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

Chapter 2 details all corresponding record types for the EDI message. All data fields are listed in an overview table in connection with the corresponding table fields. In addition, every single field is more detailed. You find information about the general conditions, which you need to observe for the processing in the EDI subsystem or in BAAN IV.

Changes in comparison with the previous version:

- Record type SA1 Shipping Schedule Overhead • No changes
- Record type SA2 Shipping Schedule Header No changes
- Record type SA3 Shipping Schedule Text The length of the text segments are extended from an..40 to an..70..
- Record Type SA4 Scheduling Lines New Position has been added. Now it is possible to import the "RAN-Number".
- Record Type SA5 Shipping Schedule Packaging Data • No changes

U7118E (July 2000) differences to U7118D

General Motors is substituting its old material planning system AMK worldwide by a new system MGO. This causes changes in EDIFACT Call Off messages and requires modifications of the BEMIS Inhouse Format.

 Record type SA2 Schedule Header SA2.44 and SA2.45 are added to support GM MGO

Note: This modification is realized in the outgoing message FEINAB(Conversion Code FEINA6) and the incoming message FEINAB(Conversion Code FEINA6/FEINA7).

June 2001 – U7118F differences to U7118E

This modified BEMIS setup is necessary to run the new BAAN IV Automotive Global Solution (AGS0).

Note: This modification is realized in the outgoing message FEINAB (Conversion Code V20) incoming message FEINAB (Conversion Code V20)

General principles

1

This section describes the BAAN EDI in-house format for the message type *Shipping schedule (incoming/outgoing)*.

Message and DLLs

The corresponding message linked to organization BEM is called FEINAB.

The belonging DLLs are:

- tdsscdll5282 (incoming)
- tdpscdll4282 (outgoing)

Available record types

The use of the following kinds of data records is conditional (C) respectively mandatory (M), when you transmit information about shipping schedules by means of the message VDA 4915 ("*Datenfernübertragung von Lieferfeinabrufen*")¹.

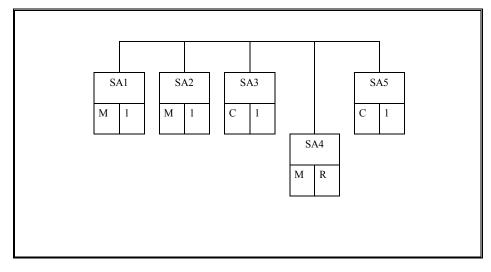
| ID | Status | Name | |
|-----|--------|----------------------------------|--|
| SA1 | М | Overhead | |
| SA2 | М | Shipping Schedule Header | |
| SA3 | С | Shipping Schedule Text | |
| SA4 | М | Shipping Schedule Lines | |
| SA5 | С | Shipping Schedule Packaging Data | |

| Message Type Shipping Schedule Definition of BEMIS 2.0 Inhous | se Format |
|---|-----------|
| | 1-1 |

¹ Remote transmission of shipping schedules.

Branching diagram

The following data record structure is used for the message type BEMIS shipping schedule:



Legend:

| Status: | Frequency: | |
|-------------------|------------|--------------------------|
| M: mandatory me | essage | 1: once in message |
| C: conditional me | essage | R: repeatable in message |

Figure 1, Branching diagram

| SA1 SA2 SA3 SA4 SA4 SA5 SA5 | BAAN IV Overhead Supplier / customer and item data 1 Text Date, quantity of item 1 Date, quantity of item 1 |
|---|---|
| SA1 SA2 SA3 SA4 SA4 SA5 SA5 | BAAN IV Overhead Supplier / customer and item data 2 Text Date, quantity of item 2 Date, quantity of item 2 |
| SA1 SA2 SA3 SA4 SA4 SA5 SA5 | BAAN IV Overhead Supplier / customer and item data 3 Text Date, quantity of item 3 Date, quantity of item 3 |
| SA1 SA2 SA3 SA4 SA4 SA5 SA5 | BAAN IV Overhead Supplier / customer and item data 4 Text Date, quantity of item 4 Date, quantity of item 4 |

For example, for four required items the BEMIS file has the following structure:

Key fields for outgoing messages

The following structure of the key fields is used to determine the related data records of a shipping schedule:

| Record type | Key field 1 | Key field 2 | Key field 3 | Key field 4 |
|----------------|----------------------|--|---------------------|---------------------------|
| SA1 | Message reference | Identification supplier | | |
| SA2 | Message reference | Identification supplier | | |
| SA3 | Message reference | Identification supplier | Code plant customer | Customer's item number |
| SA4 | Message reference | Identification Code plant supplier customer | | Customer's item number |
| SA5 | Message reference | Identification supplier | Code plant customer | Customer's item number |

Key fields for incoming messages

The following structure of the key fields is used to determine the related data records of a schedule message:

| Record Type | Key field 1 | Key field 2 | Key field 3 | Key field 4 |
|----------------|----------------------|--------------------------------|-----------------------------|------------------------|
| SA1 | Message reference | Network address customer | | |
| SA2 | Message reference | Network address customer | | |
| SA3 | Message reference | Network address customer | Code delivery address | Customer's item number |
| SA4 | Message reference | Network address customer | Code delivery address | Customer's item number |
| SA5 | Message reference | Network address customer | Code delivery address | Customer's item number |

Network directories

The so-called network directories are the basis for the communication between the EDI subsystem and BAAN IV. These directories are located on the application server. The network basis directories for each network are defined in the BAAN session tcedi0120m000. For the network BEMIS they can be established in the following way:

Path = \${BSE}/edi/bemis/fab/

The following subdirectories will be created automatically:

\${BSE}/edi/bemis/fab/appl_from/
\${BSE}/edi/bemis/fab/appl_to/
\${BSE}/edi/bemis/fab/command/
\${BSE}/edi/bemis/fab/store_recv/
\${BSE}/edi/bemis/fab/store_sent/

\${BSE}/edi/bemis/fab/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 inhouse format files. The EDI subsystem can collect them from here.
- .../appl_to/: The EDI subsystem writes the incoming message into this directory in the BAAN IV inhouse 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 incoming 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 processed 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 business partners.

The file name of the BEMIS inhouse format file of the shipping schedule, which is described in this documentation, is defined in the following way:

| Direction | File name | Network directory |
|-----------|-----------|-------------------|
| outgoing | FABOUT | /appl_from |
| incoming | FABIN | /appl_to |

BEMIS Messages – Conventions

The following general rules apply to a message record in a BEMIS 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 All string fields have to be put in "....".
- 7 The numerical values must not be put in "".

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

| SHIPPING SCHEDULE INHOUSE FORMAT | | | | |
|----------------------------------|-------------------|-----|----|----|
| Pos | FIELD DESCRIPTION | Key | ST | FM |

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

| Pos. | Position of the field in the data record | | |
|------------|--|--|--|
| Field name | Descript | tion of the field | |
| Key | Key fiel | d outgoing (O) / incoming (I) | |
| ST | Field sta | atus mandatory (M) / conditional (C) | |
| FM | Field for | rmat | |
| | an14 alphanumerical field with a maximum of 14 | | |
| | characters | | |
| | an14 alphanumerical field with exactly 14 | | |
| | characters | | |
| | n10 numerical field with a maximum of 10 | | |
| | characters | | |
| | n1 | numerical field with exactly 1 character | |
| | | | |

| Mapping from (out) / to Application Table Fields (in) | | |
|---|--------|--|
| Table Field | Action | |

The second block of the table describes the corresponding table field in BAAN IV as well as possible special actions, which are carried out 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.

Example: "SAX";...; Position;...; "SAX END"

If a position in a BEMIS Message File is not filled by a value (this means the position is empty), the position looks like shown below. The BAAN EDI Module distinguishes between numerical and alphanumerical data format. If a position defined as numerical is empty then the position is represented by two semikolons, one after another. On the other hand empty alphanumerical positions are exported in two ways. The first way is to point out a position using the semikolons, the second way is to write two quotation marks within the position. This depends whether the alphanumerical field existis in BAAN's database or not.

Expample:

empty numerical Position:

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

empty alphanumerical Position:

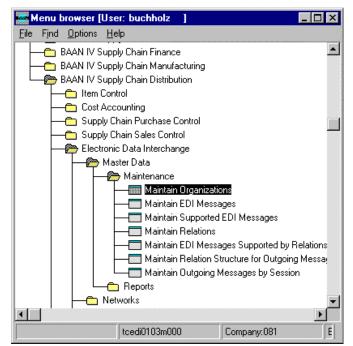
"SAX";...;;...;"SAX_END" or "SAX";...;"";...;"SAX END"

Changing the Date Format

For the BAAN Versions b and c2/3 the date format is defined by 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 (defaults.edi) is 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 show where to find the corresponding parameters.

You have to choose the following menu option:



After you called the session tcedi0103m000 you see that the entry for the date format on form two has been changed to "With Century (YYYYMMDD).

| 🚟 tcedi0103m000 : Maintain Organizati | ns [081] | _ 🗆 × |
|---|---|-------|
| <u>File Edit Group Options Order Tools</u> | èpecial <u>H</u> elp | |
| E 🖬 🥔 🗢 🚠 🖪 👭 | | |
| Form 1 Form 2 | | |
| Organization BEAM Electr. Message In ICM Inter Company Messages | Test Indicator Date Format None With Century (YYMMDD) Without Century (YYMMDD) 1 Without Century (YYMMDD) | |
| | modify | enum |

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 be able to translate each outgoing message comming with the changed date format!

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

Changes in Comparison to Version 1.0.b

In comparision to version 1.0.b one new position has been added.

SA4:

- SA4.10 The "RAN/ DON Number " is added. Thus it is now possible to import RAN Numbers.
- SA4.11 The End of record sign "SA4_END" is moved from position 10 to position 11.

Furthermore the maximum length of the text fields has been extended. Here are the details:

SA3:

SA3.6 Text field length extended from an..40 to an..70

SA3.7 Text field length extended from an..40 to an..70

SA3.8 Text field length extended from an..40 to an..70

| Message | Туре | Shipping | Schedule | Definition | of | BEMIS | 2.0 | Inhouse | Format |
|---------|------|----------|----------|------------|----|-------|-----|---------|--------|
| 1-10 | | | | | | | | | |

Version 2.0 compared with Version 1.2.a

The new version 2.0, based on version 1.2.a, is necessary to run the new BAAN IV Automotive Global Solution (AGS0).

Changes SA2 – Shipping Schedule Header Data

| Field number | Outgoing | Incoming |
|--------------|--|---|
| 4 – change | The combination of tdpsc001.plnt and tdpsc001.delp will be mapped to tdpsc004.plnt instead of tdpsc229.iedi(5) | No change |
| 44 – change | No change | Mapping to tdssc229.creq instead of tdssc229.iedi(4) |
| 45 – change | No change | Mapping to tdssc229.dtbk instead of tdssc229.iedi(5) |
| 46 – new | NA | Mapping to tdssc229.pups |
| 47 – new | NA | Mapping to tdssc229.hdtf |
| 48 – new | NA | Mapping to tdssc229.hdtt |
| 49 – new | Data record end sign (old position was 46) | NA |

Changes SA4 – Shipping Schedule Lines

| Field number | Outgoing | Incoming |
|--------------|---|--------------------------|
| 11 – new | NA | Mapping to tdssc230.fsdt |
| 12 – new | NA | Mapping to tdssc230.fsti |
| 13 – new | NA | Mapping to tdssc230.lsdt |
| 14 – new | NA | Mapping to tdssc230.lsti |
| 15 – new | Data record end sign (old position was 11) | NA |

| Field number | Outgoing | Incoming |
|--------------|---|--|
| 6 – change | NA | Mapping to tdssc231.cpak instead of tdssc229.txta |
| 7 – change | NA | Mapping to tdssc231.pack instead of tdssc229.txta |
| 8 – change | NA | Mapping to tdssc231.cqty instead of tdssc229.txta |
| 10– new | SA | Used as qualifier for item conversion |
| 11 – new | 1, 2 or 3 | Mapping to tdssc231.plvl |
| 12 – new | M or A | Mapping to tdssc231.ptyp |
| 13 – new | NA | Mapping to tdssc231.puqt |
| 14 – new | tdpsc001.cuqp | Mapping to tdssc231.cuqs |
| 15 – new | NA | Mapping to tdssc231.dsca |
| 16 – new | NA | Mapping to tdssc231.clra |
| 17 – new | Data record end sign (old position was 10) | NA |

Changes SA5 – Shipping Schedule Packaging Data

2

Data record description by record type

SA1 Shipping Schedule Overhead

Once by message Frequency :

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.

| SHIP | PING SCHEDULE INHOU | JSE FO | ORMA | ΛT | Mapping from Table Fields (o | | Mapping to Ap Fields (in) | plication |
|------|--|--------|------|------|---------------------------------|---------------------------|------------------------------|-----------------------------------|
| Pos | FIELD DESCRIPTION | Key | ST | FM | Table Field | Action | Table Field | Action |
| 1 | Record type | O/I | М | an3 | SA1 | | SA1 | |
| 2 | Message reference | O/I | М | an14 | tcedi701.bano | Generation (see below) | tcedi702.bano | Generation by EDI subsystem |
| 3 | Network address customer / supplier | | Μ | an17 | tcedi028.neta | Conversion (see below) | tcedi702.reno | Conversion (see below) |
| 4 | Our identification in the network | | Μ | an17 | tcedi020.neta | Conversion (see below) | | |
| 5 | Message | | Μ | an6 | tcedi001.code | Conversion (see below) | tcedi702.mess | Conversion (see below) |
| 6 | Organisation | | Μ | an6 | tcedi003.code | Conversion (see below) | tcedi702.orga | Conversion (see below) |
| 7 | Order type | | М | an35 | tcedi011.koor | Conversion (see below) | tcedi702.koor | Conversion (see below) |
| 8 | Transmission reference | | М | an20 | 0 | | tcedi702.msno | |
| 9 | Date of transmission | | М | n8 | current date | | tcedi702.send | |
| 10 | Time of transmission | | М | n4 | current time | | tcedi702.sent | |
| 11 | Transmission reference old | | Μ | an20 | 0 | | tcedi702.prno | |
| 12 | Data record end sign | | М | an7 | SA1_END | | SA1_END | |

Detailed description

| Position | 1 | Field format | an3 | Field status | Μ |
|------------------|---|---|--|---|---|
| Field name | | Record type | | (Key field out/ | in) |
| Description: | | eld identifies the k t contains the fixe | | | nessage |
| Processing outgo | oing | | | | |
| EDI subsystem: | | | | | |
| BAAN: | This fie | eld is filled with the | ne fixed v | alue 'SA1'. | |
| Processing incor | ning | | | | |
| EDI subsystem: | This fie | eld is filled with th | ne fixed v | alue 'SA1'. | |
| BAAN: | None | | | | |
| Position | 2 | Field format | an14 | Field status | М |
| Field name | | Message refere | ence | (Key field out/ | in) |
| | shippin the ship The fiel current with tw | e. The numbering g schedule, helps oping schedules and ld consists of a fix date (format: YY o characters. The k parameters in th | to control nd the cor c part with YYMMD specific f | I the chronologic nplete transmission four characters D) and a serial r cormat is defined | cal order of ion. , the number |
| Processing outgo | oing | | | | |
| EDI subsystem: | | | | | |
| BAAN: | stores it | generates this nu t in the BAAN tal data records of a | ole field to | cedi701.bano and | |
| Processing incor | ning | | | | |
| EDI subsystem: | | I subsystem gene e and writes it int le. | | | • |
| BAAN: | Mappin | ng to BAAN table | field tced | li702.bano. | |

| Position | 3 | Field format | an17 | Field s | status | Μ |
|---|---|---|---|--|--|------------------------------------|
| Field name | Networ | rk address custo | omer / sup | plier | (Key | field) |
| Description: | | eld contains on the plier and on the i tomer. | | | | |
| Processing outg | oing | | | | | |
| EDI subsystem: | | | | | | |
| BAAN: | 'Relation partner table fie | twork address is ons by network' (supplier) and the eld tcedi028.neta d to the position of | under the c ne correspo a. The cont | corresponding not of the | nding b etwork is field | usiness in the BAAN |
| Processing inco | ming | | | | | |
| EDI subsystem: | | | | | | |
| 5 | | | | | | |
| BAAN: | The net partner 'Relatio | twork address de (customer) and to ons by network'. table field tcedi? | the networl This ident | k in the | table tce | edi028 |
| - | The net partner 'Relatio | (customer) and toos by network'. | the networl This ident | k in the | table tee is map | edi028 |
| BAAN: | The net partner 'Relatio BAAN | (customer) and to ons by network'. table field tcedi | the networl This ident 702.reno. an17 | k in the fification | table tee is map | edi028 ped to the |
| BAAN: Position | The net partner 'Relatio BAAN 4 This fice | (customer) and to ons by network'. table field tcedi? Field format | the networl This ident 702.reno. an17 ation in the ne outgoing | k in the f ification Field s e networ | table tee i is map status r k | edi028 ped to the M |
| BAAN: Position Field name | The net partner 'Relatio BAAN 4 This fie identifi | (customer) and to ons by network'. table field tcedif Field format Our identifica eld contains on th | the networl This ident 702.reno. an17 ation in the ne outgoing | k in the f ification Field s e networ | table tee i is map status r k | edi028 ped to the M |
| BAAN: Position Field name Description: | The net partner 'Relatio BAAN 4 This fie identifi oing | (customer) and to ons by network'. table field tcedif Field format Our identifica eld contains on th | the networl This ident 702.reno. an17 ation in the ne outgoing | k in the f ification Field s e networ | table tee i is map status r k | edi028 ped to the M |
| BAAN: Position Field name Description: Processing outg | The net partner 'Relatio BAAN 4 This fice identifi oing The ide entered | (customer) and to ons by network'. table field tcedif Field format Our identifica eld contains on th | the networl This ident 702.reno. an17 ation in the ne outgoing work. e customer li020 'Netw | k in the trification Field s e networ g side the in the us vorks'. T | table too is map status rk e custor sed netv Fhe BA. | edi028 ped to the M ner's |
| BAAN: Position Field name Description: Processing outg EDI subsystem: | The net partner 'Relation BAAN 4 This fiel identifit oing The ide entered field too | (customer) and t ons by network'. table field tcedi? Field format Our identifica eld contains on the cation in the network entification of the in the table tced | the networl This ident 702.reno. an17 ation in the ne outgoing work. e customer li020 'Netw | k in the trification Field s e networ g side the in the us vorks'. T | table too is map status rk e custor sed netv Fhe BA. | edi028 ped to the M ner's |
| BAAN: Position Field name Description: Processing outg EDI subsystem: BAAN: | The net partner 'Relation BAAN 4 This fiel identifit oing The ide entered field too | (customer) and t ons by network'. table field tcedi? Field format Our identifica eld contains on the cation in the network entification of the in the table tced | the networl This ident 702.reno. an17 ation in the ne outgoing work. e customer li020 'Netw | k in the trification Field s e networ g side the in the us vorks'. T | table too is map status rk e custor sed netv Fhe BA. | edi028 ped to the M ner's |

| Position | 5 | Field format | an6 | Field status | М |
|------------------|---|--|--|---|-----------------------------------|
| Field name | | Message | | | |
| Description: | concern | eld contains the contains the contains the contains age. The le' is FAB-IO. | | | |
| Processing outgo | oing | | | | |
| EDI subsystem: | | | | | |
| BAAN: | the BA. | AN internal mes AN table tcedi00 l to this position. | - | | |
| Processing incom | ning | | | | |
| EDI subsystem: | This fie | eld is filled with t | he fixed v | alue 'FAB-IO'. | |
| BAAN: | Messag connect 'EDI M session schedul | essage code in the ges' determines, w ted to this schedu [essages' is determ (DII) is used in 1 le. The message c edi702.mess. | which inter le. In the mined for BAAN to | rnal message in I BAAN table teed every message v process the ship | BAAN is li005 vhich ping |
| Position | 6 | Field format | an6 | Field status | Μ |
| Field name | | Organization | | | |
| Description: | | eld contains the or EDI communicat | - | n (Standard) whi | ch is used |
| Processing outgo | oing | | | | |
| EDI subsystem: | | | | | |

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

| Message Type Shipping Schedule Definition | of BEMIS | 2.0 Inhouse | Format |
|---|----------|-------------|--------|
| 2-4 | | | |

Processing incoming

| 88 | 8 |
|---|--|
| EDI subsystem: | This field is filled with the fixed value 'BEMIS'. |
| BAAN: | Mapping to BAAN table field tcedi702.orga. |
| | The corresponding organization must have been entered into the BAAN table tcedi003. |
| Position | 7 Field format an35 Field status M |
| Field name | Order type |
| Description: | This field contains a code for the concerned order type. |
| Processing outgo | bing |
| EDI subsystem: | |
| BAAN: | In the BAAN table tcedi011 there must be an entry for this order type in connection with the appropriate message and organization. The BAAN table field tcedi011.koor is mapped to this position. It is not filled at the moment. |
| Processing incor | ning |
| EDI subsystem: | This position is not filled at the moment. |
| | |
| BAAN: | Mapping to BAAN table field tcedi702.koor. |
| BAAN: | Mapping to BAAN table field tcedi702.koor. In the BAAN table tcedi200 there must be an entry for this order type in connection with the appropriate message and organization. |
| BAAN: Position | In the BAAN table tcedi200 there must be an entry for this order type in connection with the appropriate message and |
| | In the BAAN table tcedi200 there must be an entry for this order type in connection with the appropriate message and organization. |
| Position | In the BAAN table tcedi200 there must be an entry for this order type in connection with the appropriate message and organization. 8 Field format an20 Field status M |
| Position Field name | In the BAAN table tcedi200 there must be an entry for this order type in connection with the appropriate message and organization. 8 Field format an20 Field status M Transmission Reference This field contains the reference code which the EDI subsystem applied to this transmission. |
| Position Field name Description: | In the BAAN table tcedi200 there must be an entry for this order type in connection with the appropriate message and organization. 8 Field format an20 Field status M Transmission Reference This field contains the reference code which the EDI subsystem applied to this transmission. |
| Position Field name Description: Processing outgo | In the BAAN table tcedi200 there must be an entry for this order type in connection with the appropriate message and organization. 8 Field format an20 Field status M Transmission Reference This field contains the reference code which the EDI subsystem applied to this transmission. 9 Subsystem applied to the transmission into the |
| Position Field name Description: Processing outgo EDI subsystem: | In the BAAN table tcedi200 there must be an entry for this order type in connection with the appropriate message and organization. 8 Field format an20 Field status M Transmission Reference This field contains the reference code which the EDI subsystem applied to this transmission. 9 Entry of the reference code for the transmission into the transmission file. The position is filled with 0. |
| Position Field name Description: Processing outgo EDI subsystem: BAAN: | In the BAAN table tcedi200 there must be an entry for this order type in connection with the appropriate message and organization. 8 Field format an20 Field status M Transmission Reference This field contains the reference code which the EDI subsystem applied to this transmission. 9 Entry of the reference code for the transmission into the transmission file. The position is filled with 0. |

Message Type Shipping Schedule Definition of BEMIS 2.0 Inhouse Format

2-5

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| Position | 9 | Field format | n8 | Field status | Μ | | |
|---|--|--|---|---|--|--|--|
| Field name | | Date of transm | nission | | | | |
| Description: | which the side, the | This field contains on the outgoing side the date, on which the schedule message was created. On the incoming side, this field contains the arrival date of the schedule at the EDI subsystem (format: YYYYMMDD). | | | | | |
| Processing outgo | oing | | | | | | |
| EDI subsystem: | | | | | | | |
| BAAN: | Mappin | g of the current | date to the | e position. | | | |
| Processing incom | ning | | | | | | |
| EDI subsystem: | Entry of | Entry of the arrival date of the message at the EDI subsystem. | | | | | |
| BAAN: | Mappin | Mapping to BAAN table field tcedi702.send | | | | | |
| Position | 10 | Field format | - 4 | E-11 states | М | | |
| Position | 10 | Field format | n4 | Field status | IVI | | |
| Field name | 10 | Time of trans | | Field status | 181 | | |
| | This fie schedul contains | Time of transport Id contains on the e message was c | nission e outgoin reated. Or | g side the time, v n the incoming si hedule at the EDI | when the de, the field | | |
| Field name | This fie schedul contains (format | Time of trans Id contains on the e message was c s the arrival time | nission e outgoin reated. Or | g side the time, v n the incoming si | vhen the de, the field | | |
| Field name Description: | This fie schedul contains (format | Time of trans Id contains on the e message was c s the arrival time | nission e outgoin reated. Or | g side the time, v n the incoming si | vhen the de, the field | | |
| Field name Description: Processing outgo | This fie schedul contains (format | Time of trans Id contains on the e message was c s the arrival time | nission e outgoin reated. Or o f the scl | g side the time, v n the incoming si hedule at the EDI | vhen the de, the field | | |
| Field name Description: Processing outgo EDI subsystem: | This fie schedul contains (format bing Mappin | Time of transp ld contains on th e message was c s the arrival time : HHMM). | nission e outgoin reated. Or o f the scl | g side the time, v n the incoming si hedule at the EDI | vhen the de, the field | | |
| Field name Description: Processing outgo EDI subsystem: BAAN: | This fie schedul contains (format bing Mappin ning | Time of transp ld contains on the e message was c s the arrival time : HHMM). g of the current | nission e outgoin reated. On of the scl | g side the time, v n the incoming si hedule at the EDI e position. | vhen the de, the field subsystem | | |
| Field name Description: Processing outgo EDI subsystem: BAAN: Processing incom | This fie schedul contains (format bing Mappin ning Entry of | Time of transp ld contains on the e message was c s the arrival time : HHMM). g of the current | nission e outgoin reated. On of the scl | g side the time, v n the incoming si hedule at the EDI e position. | vhen the de, the field subsystem | | |

| Position | 11 | Field format | an20 | Field status | Μ | | |
|---------------------|---------|---|--------------|-------------------|-------|--|--|
| Field name | | Transmission | reference | old | | | |
| Description: | | eld contains the reterm of the term applied to the | | | e EDI | | |
| Processing outgoing | | | | | | | |
| EDI subsystem: | - | Entry of the reference code for the previous transmission into the transmission file. | | | | | |
| BAAN: | The po | sition is filled wi | th 0. | | | | |
| Processing incoming | | | | | | | |
| EDI subsystem: | Transn | Transmission of the value from the transmission file. | | | | | |
| BAAN: | Mappi | ng to BAAN table | e field tced | i702.prno | | | |
| Position 12 | | Field format | an7 | Field status | Μ | | |
| Field name | | End of record | marker | | | | |
| Description: | | eld indicates the e value 'SA1_END' | | ecord. It contain | s the | | |
| Processing outgo | oing | | | | | | |
| EDI subsystem: | | | | | | | |
| BAAN: | The fie | eld is filled with the | he fixed va | lue 'SA1_END | , | | |
| Processing incor | ning | | | | | | |
| EDI subsystem: | The fie | eld is filled with the | he fixed va | lue 'SA1_END | | | |
| BAAN: | None | | | | | | |

SA2 Shipping Schedule Header

| Status : | Mandatory |
|--------------|---|
| Frequency: | Once by item number |
| Description: | This kind of data record is used to transmit item specific data. The data record contains information about the previous schedule, the exact delivery address and information about schedule authorizations. All data records up to the next data record of the type SA2 refer to the same item number. |

| SHIP | PING SCHEDULE INHO | DUSE | FORM | ΙΑΤ | Mapping from A Table Fields (or | Application ut) | Mapping to Application Fields (in) | | |
|------|-------------------------------|------|------|------|------------------------------------|--------------------|---------------------------------------|---|--|
| Pos | FIELD DESCRIPTION | Key | ST | FM | Table Field | Action | Table Field | Action | |
| 1 | Record type | O/I | М | an3 | SA2 | | SA2 | | |
| 2 | Message reference | O/I | М | an14 | tcedi701.bano | | tcedi702.bano | | |
| 3 | Supplier code (out) | 0 | М | an6 | tdpsc029.suno | | | Conversion (see below) | |
| | Network address customer (in) | ı | М | an17 | | | tcedi702.reno | | |
| 4 | Code delivery | O/I | М | an20 | tdpsc004.plnt | | tdssc229.cdel | Generation | |
| | address | | | | (filled with tdpsc001.plnt & | | | by EDI subsystem | |
| | | | | | " " & tdpsc001.delp) | | | Conversion based on qualifier in pos. 6 and 7 (see below) | |
| 5 | Customer's item number | O/I | М | an35 | tdpsc029.item | | tdssc229.item | Conversion based on qualifier in pos. 8 (see below) | |
| 6 | Qualifier address code | | Μ | an2 | DP, here (;"DP";) | | DP | | |
| 7 | Qualifier address type | | М | an2 | ZZ, here (;"ZZ";) | | ZZ | | |
| 8 | Qualifier item number | | М | an2 | SA, here (;"SA";) | | SA | | |
| 9 | Customer's item number | | М | an35 | tdpsc029.item | | tdssc229.cpno | Key for search of contract. | |
| 10 | Supplier's item number | | СК | an35 | tdpsc029.cpno | | tdssc229.txta | | |
| 11 | Supplier's customer number | | Μ | an35 | tccom020.ocus | | | | |
| 12 | Customer's plant number | | М | an35 | tdpsc001.plnt | | tdssc229.plnt | Key for search for contract. | |
| 13 | Final delivery point | | М | an32 | tdpsc001.delp | | tdssc229.delp | | |

| SHIP | PING SCHEDULE INH | OUSE | FORM | IAT | Mapping from A Table Fields (o | Application ut) | Mapping to Application Fields (in) | | |
|------|--|------|------|------|--------------------------------|--|---------------------------------------|--|--|
| Pos | FIELD DESCRIPTION | Key | ST | FM | Table Field | Action | Table Field | Action | |
| 14 | Storage location (customer) | | С | an14 | tdpsc001.cwar | In addition to final delivery point | tdssc229.cdoc | In addition to final delivery point | |
| 15 | Line feed location | | С | an14 | tdpsc001.Infd | | tdssc229.Infd | | |
| 16 | Shipping schedule number new | | Μ | n9 | tdpsc029.dcin | | tdssc229.scnn | | |
| 17 | Shipping schedule date new | | М | n8 | tdpsc029.isdt | | tdssc229.isdt | | |
| 18 | Use code | | М | an1 | tdpsc029.appc | Check of value range | tdssc229.appc | Check of value range | |
| 19 | Signal critical stock level code | | С | an1 | Blank | | tdssc229.txta | Check of value range | |
| 20 | End date FAB time fence | | С | n8 | Empty | | tdssc229.txta | | |
| 21 | Shipping schedule date type | | М | an1 | tdpsc001.deco | Check of value range | tdssc229.tdat | Check of value range | |
| 22 | Order number | | С | an17 | tdpsc029.cono | | tdssc229.cono | | |
| 23 | Discrepancy of cumulative | | С | n15 | Empty | | tdssc229.dcdf | Field format! | |
| 24 | Actual cumulative quantity | | Μ | n10 | tdpsc001.ydec | | tdssc229.intc | | |
| 25 | Last transaction date | | М | n8 | tdpsc001.lded | | tdssc229.dtbk | | |
| 26 | Shipping note number last receipt | | Μ | an9 | tdpsc007.dino | | tdssc229.ides | | |
| 27 | Shipping note date last receipt | | М | n8 | tdpsc007.didt | | tdssc229.ldat | | |
| 28 | Shipping note quantity last receipt | | Μ | n9 | tdpsc007.rqty | | tdssc229.rcqt | | |
| 29 | Status last receipt | | Μ | an1 | I | Check of value range | tdssc229.skey | Check of value range | |
| 30 | Transaction date second last receipt | | С | n8 | Empty | | tdssc229.txta | | |
| 31 | Shipping note number second last receipt | | С | an9 | tdpsc007.dino | | tdssc229.txta | | |

| SHIP | PING SCHEDULE INHO | DUSE | FORM | IAT | Mapping from Table Fields (o | Application ut) | Mapping to Application Fields (in) | | |
|------|--|------|------|------|---------------------------------|----------------------|---------------------------------------|-------------------------|--|
| Pos | FIELD DESCRIPTION | Key | ST | FM | Table Field | Action | Table Field | Action | |
| 32 | Shipping note date second last receipt | | С | n8 | tdpsc007.didt | | tdssc229.txta | | |
| 33 | Shipping note quantity second last receipt | | С | n9 | tdpsc007.rqty | | tdssc229.txta | | |
| 34 | Status second last receipt | | С | an1 | I | Check of value range | tdssc229.txta | Check of value range | |
| 35 | Transaction date third last receipt | | С | n8 | Empty | | tdssc229.txta | | |
| 36 | Shipping note number third last receipt | | С | an9 | tdpsc007.dino | | tdssc229.txta | | |
| 37 | Shipping note date third last receipt | | С | n8 | tdpsc007.didt | | tdssc229.txta | | |
| 38 | Shipping note quantity third last receipt | | С | n9 | tdpsc007.rqty | | tdssc229.txta | | |
| 39 | Status third last receipt | | С | an1 | 1 | Check of value range | tdssc229.txta | Check of value range | |
| 40 | Additional supplier | | С | an35 | | Text string | tdssc229.txta | | |
| 41 | Additional item number | | С | an35 | | Text string | tdssc229.txta | | |
| 42 | Actual cumulative quantity received | | С | n10 | tdpsc001.cbar | | tdssc229.iedi | | |
| 43 | Date of annual reset (cums) | | Μ | n8 | tdpsc001.rdat | | tdssc229.iedi | | |
| 44 | Cumulated quantity required (MGO) | | С | n12 | | | tdssc229.creq | | |
| 45 | Date of cumulated quantity required (MGO) | | С | n8 | | | tdssc229.dtbk | | |
| 46 | Purpose | | С | an1 | empty (;;) | | tdssc229.pups | | |
| 47 | Horizon Start Date | | С | n8 | empty (;;) | | tdssc229.hdtf | | |
| 48 | Horizon End Date | | С | n8 | empty (;;) | | tdssc229.hdtt | | |
| 49 | End of record marker | | М | an7 | SA2 END | | SA2 END | 1 | |

Detailed description

| Position | 1 | Field format | an3 | Field status | Μ | | | |
|---------------------|---------------------|--|--------------------------|--|---|--|--|--|
| Field name | | Record type | | (Key field out/in |) | | | |
| Description: | | This field identifies the kind of data record in the message block. It contains the fixed value 'SA2'. | | | | | | |
| Processing outgoing | | | | | | | | |
| EDI subsystem: | | | | | | | | |
| BAAN: | This fie | ld is filled with th | ne fixed va | alue 'SA2'. | | | | |
| Processing incom | ning | | | | | | | |
| EDI subsystem: | This fie | ld is filled with th | ne fixed va | alue 'SA2'. | | | | |
| BAAN: | | | | | | | | |
| Position | 2 | Field format | an14 | Field status | Μ | | | |
| Field name | | Message refere | ence | (Key field out/in |) | | | |
| Description: | schedul shipping | e. The numbering | g, which h to control | data records of on as to be unique by the chronologica nsmission. | | | | |
| Processing outgo | oing | | | | | | | |
| EDI subsystem: | | | | | | | | |
| BAAN: | Refer to | record type SA1 | | | | | | |
| Processing incon | ning | | | | | | | |
| EDI subsystem: | Refer to | record type SA1 | | | | | | |
| BAAN: | | | | | | | | |

| Position | 3 out | Field format | an6 | Field status | Μ | | | |
|------------------|--|---|---|--|---------------------|--|--|--|
| Field name | | Supplier code | | (Key | field out) | | | |
| Description: | | This field contains the identification code which the customer applied to the supplier. | | | | | | |
| Processing outgo | ing | | | | | | | |
| EDI subsystem: | | | | | | | | |
| BAAN: | Mappir | ng of BAAN table | e field tdps | sc029.suno to po | osition. | | | |
| Position | 3 in | Field format | an17 | Field status | Μ | | | |
| Field name | Networ | Network address customer (Key field in) | | | | | | |
| Description: | This fie | eld contains the ne | etwork ad | dress of the cust | omer. | | | |
| Processing incon | ning | | | | | | | |
| EDI subsystem: | Transm | Transmission of the value from the message file. | | | | | | |
| BAAN: | 'Relation networl BAAN | work address det ons by network' t k. The business p table field tcedi7 | he corresp artner ider 02.reno. | oonding business ntification is mag | s partner an | | | |
| Position | 4 | Field format | an20 | Field status | Μ | | | |
| Field name | | Code delivery | address | (Key field out | /in) | | | |
| Description: | custom used fo | eld contains the co er. The field cons r the <i>Final delive</i> um 20 characters. | ists of the <i>ry point</i> . T | Plant Code and | l the Code | | | |
| Processing outgo | ing | | | | | | | |
| EDI subsystem: | | | | | | | | |
| BAAN: | BAAN tdpsc00 not fix. tdpsc00 | ng of tdpsc004.ph generates this ke 01.plnt and tdpsc0 At first the BAA 01.plnt to the posi tdpsc001.delp is | y on the b 01.delp. 7 N System tion follow | asis of the data i The length of thi writes the data | s position is of | | | |

| | | | | | | | | | Posi | tion | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|------|------|----|----|----|----|----|----|----|----|----|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
| Р | Р | Р | | D | D | D | D | D | D | | | | | | | | | | |
| Р | Р | Р | Р | Р | Р | | D | D | D | D | D | D | D | D | D | D | D | D | |

Example for possible formats of this position:

| Bla | nk |
|-----|----|

unused Position

Result in the message:

...;"PPP DDDDDD";...

...;"PPPPPP DDDDDDDDDD";

P means code for plant D means code for delivery point

Mapping of the generated value to position.

Processing incoming

| EDI subsystem: | | The EDI subsystem generates this key on the basis of the data in <i>Plant number Customer</i> and <i>Final delivery point</i> . | | | | | |
|----------------|--|--|-----------|--------------------|--------|--|--|
| | The for | mat of this positi | on should | be the same as a | above. | | |
| BAAN: | The conversion tables for the address codes can be found in BAAN table tcedi310 under the business partner and the <i>Organization</i> from data record SA1 and the <i>Address code</i> -from data record SA2. The BAAN internal address code or generated <i>Code delivery address</i> is determined in this BAAN table and mapped to the BAAN table field tdssc002.cdel. | | | | | | |
| Position | 5 | Field format | an35 | Field status | М | | |
| Field name | Custon | ner's Item Num | ber | (Key field out/in) | | | |
| Description: | | eld contains the id to the required i | | on which the cus | tomer | | |

Processing outgoing

EDI subsystem:

BAAN: Mapping of BAAN field tdpsc002.item to position

Processing incoming

EDI subsystem:

| BAAN: | The conversion tables for the item numbers can be found in the BAAN table tcedi306 under the business partner and the |
|-------|---|
| | Organization from data record SA1 and the Item group-ID |
| | from data record SA2. The BAAN internal item number of the |
| | transmitted Customer's item number is determined in this |
| | BAAN table and mapped to the BAAN table field |
| | tdssc002.item. |

| Position | 6 | Field format | an2 | Field status | Μ | |
|--------------|--|---------------|----------|--------------|---|--|
| Field name | | Qualifier Add | ress Cod | e | | |
| Description: | This field contains the qualifier address code which is used to determine the delivery address from the value in position 4. This position must be filled with the fixed value 'DP'. | | | | | |

Processing outgoing

EDI subsystem:

| BAAN: | This field is filled with the fixed value 'DP'. | | | | | | |
|---------------------|---|--|--|--|--|--|--|
| Processing incoming | | | | | | | |
| EDI subsystem: | This field is filled with the fixed value 'DP'. | | | | | | |
| BAAN: | The qualifier must be entered in the BAAN table tcedi218 (Address code IDs). It is taken into account when the BAAN internal delivery address code is determined from the value in position 4. | | | | | | |
| Position | 7 Field format an2 Field status M | | | | | | |
| Field name | Field name Qualifier Address Type | | | | | | |
| Description: | This field contains the qualifier address type which is used to determine the delivery address from the value in position 4. This position must be filled with the fixed value 'ZZ'. | | | | | | |

Processing outgoing

EDI subsystem:

| BAAN: | This field is filled with the fixed value 'ZZ'. | | | | | |
|-------------------------|--|--|--|--|--|--|
| Processing incor | ming | | | | | |
| EDI subsystem: | This field is filled with the fixed value 'ZZ'. | | | | | |
| BAAN: | The qualifier must be entered in the BAAN table tcedi224 (Address types). It is taken into account when the BAAN internal delivery address code is determined from the value in position 4. | | | | | |
| Position | 8 Field format an2 Field status M | | | | | |
| Field name | Qualifier Item Number | | | | | |
| Description: | This field contains the qualifier which is used to determine the item number from the <i>Customer's item number</i> in position 5. This position must be filled with the constant value 'SA' ('SA' = supplier's item number). | | | | | |
| Processing outgo | bing | | | | | |
| EDI subsystem: | | | | | | |
| BAAN: | This field is filled with the fixed value 'SA'. | | | | | |
| Processing incor | Processing incoming | | | | | |
| EDI subsystem: | This field is filled with the fixed value 'SA'. | | | | | |
| BAAN: | The qualifier must have been entered in the BAAN table tcedi232 (Item number IDs). It is taken into account when the BAAN internal item number is determined from the customer's item number in position 5. | | | | | |
| Position | 9 Field format an35 Field status M | | | | | |
| Field name | Customer's Item Number | | | | | |
| Description: | This field contains the code for the customer's item number. | | | | | |
| Processing outgoing | | | | | | |
| | | | | | | |
| EDI subsystem: | | | | | | |
| EDI subsystem: BAAN: | Mapping of BAAN field tdpsc029.item to position. | | | | | |
| | | | | | | |
| BAAN: | ning | | | | | |

| Position | 10 | Field format | an35 | Field status | С | | |
|---------------------|---|---------------------------------------|--------------|-----------------|----------|--|--|
| Field name | Supplier's item number | | | | | | |
| Description: | This field contains the identification which the supplier applied to the required item. | | | | | | |
| Processing outgoing | | | | | | | |
| EDI subsystem: | EDI subsystem: | | | | | | |
| BAAN: | Mappin | g of BAAN table | e field tdps | c029.cpno to po | sition. | | |
| Processing incom | ning | | | | | | |
| EDI subsystem: | EDI subsystem: Transmission of value from transmission file. | | | | | | |
| BAAN: | Mapping to BAAN table field tdssc229.txta. | | | | | | |
| Position | 11 | Field format | an35 | Field status | Μ | | |
| Field name | | Supplier's cust | tomer nur | nber | | | |
| Description: | This field contains the identification which the supplier applies to the customer. | | | | | | |
| Processing outgoing | | | | | | | |
| EDI subsystem: | | | | | | | |
| BAAN: | Mapping of BAAN table field tccom020.ocus to position. | | | | | | |
| Processing incoming | | | | | | | |
| EDI subsystem: | | | | | | | |
| BAAN: | No proc | cessing | | | | | |
| Position | 12 | Field format | an35 | Field status | М | | |
| Field name | | Customer's Pla | ant Numb | er | | | |
| Description: | | ld contains the keep he goods have to | • | | omer, to | | |
| Processing outgoing | | | | | | | |

EDI subsystem:

BAAN: Mapping of BAAN table field tdpsc001.plnt to position.

| Processing incoming | | | | | | |
|---------------------|---|--------------|------|--------------|---|--|
| EDI subsystem: | The EDI subsystem uses this field to generate the <i>code delivery address</i> . | | | | | |
| | Transmission of the value from the transmission file. | | | | | |
| BAAN: | Mapping to BAAN table field tdssc002.plnt. | | | | | |
| Position | 13 | Field format | an32 | Field status | Μ | |
| Field name | Final Delivery Point | | | | | |
| Description: | This field contains the customer identification for the final delivery point at the plant of the customer, to which the goods have to be delivered. | | | | | |

Processing outgoing

| EDI | subsystem: | |
|-----|------------|--|
| | | |

Processing incoming

EDI subsystem: The EDI subsystem uses this field to generate the code delivery address.

Transmission of the value from the transmission file.

| BAAN: | Mapping to BAAN table field tdssc002.delp. | |
|-------|--|--|
|-------|--|--|

| Position | 14 | Field format | an14 | Field status | С | |
|---|--|---------------------|------------|------------------|------|--|
| Field name | | Storage location | on (custon | ner) | | |
| Description: This field contains the storage location of the customer as additional information for the <i>final delivery point</i> . | | | | | | |
| Processing outgoing | | | | | | |
| EDI subsystem: | | | | | | |
| BAAN: | Mapping of BAAN table field tdpsc001.cwar to position. | | | | | |
| Processing incoming | | | | | | |
| EDI subsystem: | Transi | mission of the valu | e from the | e transmission f | ile. | |

BAAN: Mapping to BAAN table field tdssc002.cdoc

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| Position | 15 | Field format | an14 | Field status | С | | |
|------------------|--|--|--------------|-------------------|-----------|--|--|
| Field name | | Line feed loca | tion | | | | |
| Description: | | This field contains the customer's identification of the location where the required material is consumed. | | | | | |
| Processing outgo | oing | | | | | | |
| EDI subsystem: | | | | | | | |
| BAAN: | Mappi | ng of BAAN table | e field tdp | sc001.lnfd to pos | sition. | | |
| Processing incor | ning | | | | | | |
| EDI subsystem: | Transn | nission of value fi | rom transn | nission file. | | | |
| BAAN: | Mappi | ng to BAAN table | e field tdss | c229.lnfd | | | |
| Position | 16 | Field format | n9 | Field status | М | | |
| Field name | | Shipping Sche | dule Num | ber New | | | |
| Description: | | stomer applies a ble to identify the | | 2 11 | U | | |
| Processing outgo | oing | | | | | | |
| EDI subsystem: | | | | | | | |
| BAAN: | Mapping of BAAN table field tdpsc002.scnn to position. | | | | | | |
| Processing incor | ning | | | | | | |
| EDI subsystem: | Transmission of value from transmission file. | | | | | | |
| BAAN: | Mappi | ng to BAAN table | e field tdss | c229.scnn. | | | |
| Position | 17 | Field format | n8 | Field status | М | | |
| Field name | | Shipping Sche | dule Date | New | | | |
| Description: | | eld contains the d l by the customer | | | edule was | | |
| Processing outgo | oing | | | | | | |
| BAAN: | | | | | | | |

EDI subsystem: Mapping of BAAN table field tdpsc029.isdt to position.

| BAAN: | Transmission of value from transmission file. | | | | | |
|------------------|---|--|-------------|-----------------------------------|------------|--|
| EDI subsystem: | Mapping to BAAN table field tdssc229.isdt. | | | | | |
| Position | 18 | Field format | an1 | Field status | Μ | |
| Field name | | Use code | | | | |
| Description: | the requ | | | em status code/u he VDA recomm | | |
| | No info | rmation (Keine | Angaben) | Blanl | k | |
| | Series (2 | | 0 / | S | | |
| | | te (Ersatz allge | · · · · · | Е | | |
| | Series and substitute (<i>Serie und Ersatz</i>) U | | | | | |
| | Trial (Versuch) | | | V | | |
| | Pilot (P | · · | (7 1 | P | | |
| | | nal requirement nple (<i>Erstmuste</i> | | edarf) Z M | | |
| | | | <i>r</i>) | Y | | |
| | Sample (<i>Muster</i>) Other (<i>Sonstige</i>) | | | X | | |
| Processing outgo | oing | | | | | |
| BAAN: | Mappin | g of BAAN tabl | e field tdp | psc001.appc to po | osition. | |
| EDI subsystem: | Using the ODETTE-Standard you might need to convert the values. | | | | | |
| Processing incom | ning | | | | | |
| EDI subsystem: | Transmi | ission of value f | rom trans | mission file. | | |
| | Using th values. | ne ODETTE-Sta | andard you | u might need to c | onvert the | |
| BAAN: | Mappin | g to BAAN tabl | e field tds | ssc229.appc. | | |
| | | | | | | |

| Position | 19 | Field format | an1 | Field status | С | |
|---------------------|---|---|-------------|-------------------------------------|-------------|--|
| Field name | Signal Critical Stock Level | | | | | |
| Description: | custome 'C' = | ld indicates, if there side is critical Critical Not critical | | evel for the requir alid values: | red item on | |
| Processing outgo | oing | | | | | |
| EDI subsystem: | | | | | | |
| BAAN: | Positior | n is filled with bl | ank. | | | |
| Processing incoming | | | | | | |
| EDI subsystem: | Transmission of value from transmission file. | | | | | |
| BAAN: | Mapping to BAAN table field tdssc229.txta. | | | | | |
| Position | 20 | Field format | n8 | Field status | С | |
| Field name | | End Date FAE | B time fei | nce | | |
| Description: | This field indicates, until which date the shipping schedule is valid (format: YYYYMMDD). | | | | | |
| Processing outgo | oing | | | | | |
| EDI subsystem: | | | | | | |
| BAAN: | This field is not used at the moment. | | | | | |
| Processing incor | ning | | | | | |
| EDI subsystem: | Transm | ission of value fi | rom trans | mission file. | | |
| BAAN: | Mappin | g to BAAN table | e field tds | ssc229.txta | | |
| | | | | | | |

| Position | 21 | Field format | a n1 | Field status | Μ | | |
|------------------|--|---|-------------|---------------------------------------|----------|--|--|
| Field name | Type of shipping schedule date | | | | | | |
| Description: | This field contains the identification of the <i>Type of shipping schedule date</i> of the shipping schedule data in record type SA4. Valid values: 1 = Delivery At this date the required quantity has to be delivered at the customer's plant. 2 = Pick-up At this date the required quantity has to be ready for pick-up at the supplier's plant. | | | | | | |
| Processing outgo | oing | | | | | | |
| EDI subsystem: | | | | | | | |
| BAAN: | | ng of BAAN tabl ode and conversi | | osc001.deco to po cedi484. | sition. | | |
| Processing incom | ning | | | | | | |
| EDI subsystem: | the tran | | no value i | on the basis of the stransmitted, the | | | |
| BAAN: | | ng to BAAN tablesion table: tcedi4 | | sc002.tdat. Used | code and | | |
| Position | 22 | Field format | an17 | Field status | С | | |
| Field name | | Order number | r | | | | |
| Description: | | eld contains the id to an oder or to | | on which the cus | tomer | | |
| Processing outgo | oing | | | | | | |
| EDI subsystem: | | | | | | | |
| BAAN: | Mappi | ng of BAAN tabl | e field tdp | osc029.cono to po | osition. | | |
| Processing incom | ning | | | | | | |
| EDI subsystem: | Transn | nission of value f | rom transi | mission file. | | | |
| BAAN: | Mappi | Mapping to BAAN table field tdssc229.cono | | | | | |

| Position | 23 F | ield format | n15 | Field status | С | | |
|---|--|--|--|--|----------------------------|--|--|
| Field name | Discrepancy of cumulative | | | | | | |
| Description: | This field contains the discrepancy of actual cumulative quantity and required cumulative quantity on customer side. | | | | | | |
| | Field Form | nat: NNNN | NNNNN | N.NNNN | or | | |
| | | -NNN | NNNNN | I.NNNN | | | |
| Processing outgo | ing | | | | | | |
| EDI subsystem: | | | | | | | |
| BAAN: | This positi | on is not used | l at the mo | ment. | | | |
| Processing incon | ning | | | | | | |
| EDI subsystem: | Transmission of value from transmission file. | | | | | | |
| BAAN: | | tive discrepation | | c229.dcdf. If th ative a minus sig | | | |
| D '/' | 34 E | ield format | n10 | Field status | | | |
| Position | 24 F | icia iorinat | 1110 | Field Status | Μ | | |
| Position Field name | | ctual cumula | | | Μ | | |
| | A This field which incl | ctual cumula contains the a | tive quan ctual cum d deliverie | tity ulative quantity es from the <i>date</i> | of this item, | | |
| Field name | A This field of which incl reset (cum | ctual cumula contains the a udes all poste | tive quan ctual cum d deliverie | tity ulative quantity es from the <i>date</i> | of this item, | | |
| Field name Description: | A This field of which incl reset (cum | ctual cumula contains the a udes all poste | tive quan ctual cum d deliverie | tity ulative quantity es from the <i>date</i> | of this item, | | |
| Field name Description: Processing outgo | A This field which incl reset (cum. ing | ctual cumula contains the a udes all poste s) to schedule | tive quan ctual cum d deliverid | tity ulative quantity es from the <i>date</i> | of this item, of annual | | |
| Field name Description: Processing outgo EDI subsystem: | A This field which incl reset (cum ing Mapping c | ctual cumula contains the a udes all poste s) to schedule | tive quan ctual cum d deliverid | tity ulative quantity as from the <i>date</i> on date. | of this item, of annual | | |
| Field name Description: Processing outgo EDI subsystem: BAAN: | A This field which incl reset (cum ing Mapping on ning | ctual cumula contains the a udes all poste s) to schedule | ative quan ctual cum d deliverid calculatio | tity ulative quantity es from the <i>date</i> on date. sec001.ydec to po | of this item, of annual | | |

| Position | 25 | Field format | n8 | Field status | Μ |
|------------------|----------|--|-------------|--|---------|
| Field name | | Last transaction | on date | | |
| Description: | taken tl | stomer has booke hem into account MMDD). | | veries up to this d position (format: | ate and |
| Processing outgo | oing | | | | |
| EDI subsystem: | | | | | |
| BAAN: | Mappir | ng of BAAN table | e field tdp | sc001.lded to pos | sition. |
| Processing incom | ning | | | | |
| EDI subsystem: | Transm | nission of value fr | om trans | mission file. | |
| BAAN: | Mappir | ng to BAAN table | e field tds | sc229.dtbk. | |
| Position | 26 | Field format | n6 | Field status | М |
| Field name | | Shipping note | number | last receipt | |
| Description: | | | | ote number of the sustomer received | |
| Processing outgo | oing | | | | |
| EDI subsystem: | | | | | |
| BAAN: | Mappir | ng of BAAN table | e field tdp | osc007.dino to pos | sition. |
| Processing incom | ning | | | | |
| EDI subsystem: | Transm | nission of value fr | om trans | mission file. | |
| BAAN: | Mappir | ng to BAAN table | e field tds | sc229.ides. | |
| Position | 27 | Field format | n8 | Field status | М |
| Field name | | Shipping note | date last | receipt | |
| Description: | for this | | customer | ote date of the las received and post | • |
| Processing outgo | oing | | | | |
| EDI subsystem: | | | | | |
| BAAN: | Mappir | ng of BAAN table | e field tdp | sc007.didt to pos | ition. |
| | | | | | |

| Message Type Shipping Schedule Definition of BEMIS 2.0 Inhouse Format |
|---|
| 2-24 |

| EDI subsystem: Transmission of value from transmission f | file. | |
|--|-------|--|
|--|-------|--|

| BAAN: | Mapping to BAAN table field tdssc229.ldat. |
|-------------|--|
| D1 II II 11 | |

| Position | 30 | Field format | n8 | Field status | С | | |
|------------------------------------|--|---|-----------|-------------------|----|--|--|
| Field name | | Transaction da | te secon | d last receipt | | | |
| Description: | | This field contains the transaction date of the second last receipt for this item (format: YYYYMMDD). | | | | | |
| Processing outgo | oing | | | | | | |
| EDI subsystem: | | | | | | | |
| BAAN: | This fie | eld is not used at t | he mome | ent. | | | |
| Processing incon | ning | | | | | | |
| EDI subsystem: | Transm | ission of value fr | om transi | nission file. | | | |
| BAAN: | Mappir | ng to BAAN table | field tds | sc229.txta. | | | |
| Position | 31 | Field format | n6 | Field status | С | | |
| Field name | | Shipping note | number | second last recei | pt | | |
| Description: | | eld contains the sl for this item, whi | | | | | |
| Processing outgo | oing | | | | | | |
| EDI subsystem: | | | | | | | |
| BAAN: | Mapping of BAAN table field tdpsc007.dino to position. | | | | | | |
| Processing incon | ning | | | | | | |
| EDI subsystem: | Transm | ission of value fr | om transı | nission file. | | | |
| BAAN: | Mappir | Mapping to BAAN table field tdssc229.txta. | | | | | |
| Position | 32 | Field format | n8 | Field status | С | | |
| Field name | | Shipping note | date seco | ond last receipt | | | |
| Description: | for this | eld contains the de item, which the c MMDD). | - | | • | | |
| | 1111 | ininib <i>B</i>). | | | | | |
| Processing outgo | | ((i)(i)(i)(i)(i)(i)(i)(i)(i)(i)(i)(i)(i) | | | | | |
| Processing outgo EDI subsystem: | | | | | | | |

| Message Type Shipping Schedule Definiti | on of BEMIS 2.0 Inhouse Format |
|---|--------------------------------|
| 2-26 | |

| EDI subsystem: | Transmission of value from transmission file. | | | | | | | | |
|---|---|---|---|--|---------------------------------|--|--|--|--|
| BAAN: | Mapping to BAAN table field tdssc229.txta. | | | | | | | | |
| Position | 33 | 33 Field format n9 Field status C | | | | | | | |
| Field name | Shipping note quantity second last receipt | | | | | | | | |
| Description: | This field contains the shipping note quantity of the second last delivery for this item, which the customer received and posted. | | | | | | | | |
| Processing outgo | oing | | | | | | | | |
| EDI subsystem: | | | | | | | | | |
| BAAN: | Mappin | g of BAAN table | e field tdp | sc007.rqty to pos | sition. | | | | |
| Processing incom | ning | | | | | | | | |
| EDI subsystem: | Transm | ission of value fi | rom transr | nission file. | | | | | |
| BAAN: | Mappin | g to BAAN table | e field tdss | sc229.txta | | | | | |
| 1 | | | | | | | | | |
| Position | 34 | Field format | an1 | Field status | С | | | | |
| Position Field name | 34 | Field format Status second | | | С | | | | |
| | This fie Valid v 'I' = 'P' = | Status second ld contains the st alues: The customer por The customer ha e transaction date | last receip tatus of the osted the tr as not post | | ivery. l). n yet. In this | | | | |
| Field name | This fie Valid v. 'I' = 'P' = case, th (planne | Status second ld contains the st alues: The customer por The customer ha e transaction date | last receip tatus of the osted the tr as not post | e second last deliver ransaction (actua ed the transaction | ivery. l). n yet. In this | | | | |
| Field name Description: | This fie Valid v. 'I' = 'P' = case, th (planne | Status second ld contains the st alues: The customer por The customer ha e transaction date | last receip tatus of the osted the tr as not post | e second last deliver ransaction (actua ed the transaction | ivery. l). n yet. In this | | | | |
| Field name Description: Processing outgo | This fie Valid v. 'I' = 'P' = case, th (planne | Status second ld contains the st alues: The customer por The customer ha e transaction date | last receip tatus of the osted the tr is not post e equals th | e second last deli ansaction (actua ed the transaction he planned arriva | ivery. l). n yet. In this | | | | |
| Field name Description: Processing outgo EDI subsystem: | This fie Valid v. 'I' = 'P' = case, th (planne bing This po | Status second ld contains the st alues: The customer por The customer ha e transaction date d). | last receip tatus of the osted the tr is not post e equals th | e second last deli ansaction (actua ed the transaction he planned arriva | ivery. l). n yet. In this | | | | |
| Field name Description: Processing outgo EDI subsystem: BAAN: | This fie Valid v. 'I' = 'P' = case, th (planne bing This po ning | Status second ld contains the st alues: The customer por The customer ha e transaction date d). | last receip tatus of the osted the tr is not post e equals the ith the value | e second last deli ansaction (actua ed the transaction re planned arriva ue 'I'. | ivery. l). n yet. In this | | | | |

| - | | | | | | | | | |
|------------------|----------|---|-------------|--------------------|--------------|--|--|--|--|
| Position | 35 | Field format | n8 | Field status | С | | | | |
| Field name | | Transaction date third last receipt | | | | | | | |
| Description: | | eld contains the tr s item (format: YY | | | last receipt | | | | |
| Processing outgo | oing | | | | | | | | |
| EDI subsystem: | | | | | | | | | |
| BAAN: | This fi | eld is not used at | the mome | ent. | | | | | |
| Processing incom | ning | | | | | | | | |
| EDI subsystem: | Transn | nission of value fr | om trans | mission file. | | | | | |
| BAAN: | Mappi | ng to BAAN table | e field tds | sc229.txta. | | | | | |
| Position | 36 | Field format | n6 | Field status | С | | | | |
| Field name | | Shipping note | number | third last receipt | t | | | | |
| Description: | | eld contains the sl y for this item, w | | | | | | | |
| Processing outgo | oing | | | | | | | | |
| EDI subsystem: | | | | | | | | | |
| BAAN: | Mappi | ng of BAAN table | e field tdp | osc007.dino to pos | sition. | | | | |
| Processing incom | ning | | | | | | | | |
| EDI subsystem: | Transn | nission of value fr | om trans | mission file. | | | | | |
| BAAN: | Mappi | ng to BAAN table | e field tds | sc229.txta. | | | | | |
| Position | 37 | Field format | n8 | Field status | С | | | | |
| Field name | | Shipping note | date thir | d last receipt | | | | | |
| Description: | for this | eld contains the sl s item, which the o t: YYYYMMDD | customer | | • | | | | |
| Processing outgo | oing | | | | | | | | |
| EDI subsystem: | | | | | | | | | |
| BAAN: | Mappi | ng of BAAN table | e field tdp | osc007.didt to pos | ition. | | | | |

| Message Type Shipping Schedule Defini | ition of BEMIS 2.0 Inhouse Format |
|---------------------------------------|-----------------------------------|
| 2-28 | |

| EDI subsystem: | Transmission of value from transmission file. | | | | | | |
|------------------|--|--|--|--|--|--|--|
| BAAN: | Mapping to BAAN table field tdssc229.txta. | | | | | | |
| Position | 38 Field format n9 Field status C | | | | | | |
| Field name | Shipping note quantity third last receipt | | | | | | |
| Description: | This field contains the shipping note quantity of the third last delivery for this item, which the customer received and posted | | | | | | |
| Processing outgo | bing | | | | | | |
| EDI subsystem: | | | | | | | |
| BAAN: | Mapping of BAAN table field tdpsc007.rqty to position. | | | | | | |
| Processing incor | ning | | | | | | |
| EDI subsystem: | Transmission of value from transmission file. | | | | | | |
| BAAN: | Mapping to BAAN table field tdssc229.txta. | | | | | | |
| Position | 39 Field format an1 Field status C | | | | | | |
| Field name | Status third last receipt | | | | | | |
| Description: | This field contains the status of the third last delivery. Valid values: 'I' = The customer posted the transaction (actual). 'P' = The customer has not yet posted the transaction. In this case, the transaction date is equal to the planned arrival date (planned). | | | | | | |
| Processing outgo | Ding | | | | | | |
| EDI subsystem: | | | | | | | |
| BAAN: | The position is filled with the value 'I'. | | | | | | |
| Processing incor | ning | | | | | | |
| EDI subsystem: | Transmission of value from transmission file. | | | | | | |
| D 4 4 M | | | | | | | |

BAAN: Mapping to BAAN table field tdssc229.txta.

| Position | 40 | Field format | an40 | Field status | С | | | |
|------------------|--|---|--------------|------------------|--------------|--|--|--|
| Field name | | Additional sup | oplier | | | | | |
| Description: | | eld contains the ic l to an additional | | on, which the cu | stomer | | | |
| Processing outgo | oing | | | | | | | |
| EDI subsystem: | | | | | | | | |
| BAAN: | The position is filled with a text string. | | | | | | | |
| Processing incom | ning | | | | | | | |
| EDI subsystem: | Transn | nission of value fr | om transm | nission file. | | | | |
| BAAN: | Mappi | ng to BAAN table | e field tdss | c229.txta. | | | | |
| Position | 41 | Field format | an40 | Field status | С | | | |
| Field name | | Additional iter | n number | | | | | |
| Description: | | This field contains the additional item number which the customer applied to this item. | | | | | | |
| Processing outgo | oing | | | | | | | |
| EDI subsystem: | | | | | | | | |
| BAAN: | This po | osition is filled wi | th a text st | ring. | | | | |
| Processing incom | ning | | | | | | | |
| EDI subsystem: | Transn | nission of value fr | om transm | nission file. | | | | |
| BAAN: | Mappi | ng to BAAN table | e field tdss | c229.txta. | | | | |
| Position | 42 | Field format | n10 | Field status | С | | | |
| Field name | | Actual cumula | tive quan | tity received | | | | |
| Description: | | eld contains the action of the last reset. | ctual cumu | lative quantity | of this item | | | |
| Processing outgo | oing | | | | | | | |
| EDI subsystem: | | | | | | | | |
| BAAN: | Mappi | ng of BAAN table | e field tdps | c001.cbar to po | sition. | | | |

| EDI subsystem: | Transn | nission of value fi | rom transr | nission file. | | |
|---|--|---------------------------------|-------------|-------------------|---------|--|
| BAAN: | Mappi | ng to BAAN table | e field tds | sc229.iedi. | | |
| Position | 43 | Field format | n8 | Field status | Μ | |
| Field name | | Date of annua | l reset (cu | ıms) | | |
| Description: | This field contains the latest date, at which the actual cumulative quantity of that item was reset to zero format: YYYYMMDD). | | | | | |
| Processing outgo | oing | | | | | |
| EDI subsystem: | | | | | | |
| BAAN: | Mappi | ng of BAAN tabl | e field tdp | sc001.rdat to pos | sition. | |
| Processing incor | ning | | | | | |
| EDI subsystem: | Transn | nission of value fi | om transr | nission file. | | |
| BAAN: | Mappi | ng to BAAN table | e field tds | sc229.iedi. | | |
| Position | 44 | Field format | n12 | Field status | С | |
| Field name | | Cumulated qu | antity re | quired (MGO) | | |
| Description: | This fi | eld contains the c | umulated | required quantity | sent by | |
| | the cus | stomer. | | requires quartity | 20000 | |
| Processing outgo | | stomer . | | | | |
| Processing outgo EDI subsystem: | | stomer . | | | 2000 | |
| 0 0 | | stomer . | | | | |
| EDI subsystem: | None | stomer . | | | | |
| EDI subsystem: BAAN: | None ning | stomer . nission of the valu | | | | |
| EDI subsystem: BAAN: Processing incor | None ning Transn | | ie from th | e transmission fi | | |

| Position | 45 | Field format | n8 | Field status | С | | | |
|------------------|----------|--|-------------|--------------------|---------|--|--|--|
| Field name | | Date of Cumul | ated quar | ntity required (N | 4GO) | | | |
| Description: | quantity | This field contains the date related to the cumulated required quantity sent by the customer (format: YYYYMMDD). | | | | | | |
| Processing outgo | oing | | | | | | | |
| EDI subsystem: | | | | | | | | |
| BAAN: | None | | | | | | | |
| Processing incom | ning | | | | | | | |
| EDI subsystem: | Transm | ission of the valu | e from the | e transmission fil | e. | | | |
| BAAN: | Mappin | g to BAAN table | field tdss | c229.dtbk | | | | |
| Position | 46 | Field format | anl | Field status | С | | | |
| Field name | | Purpose | | | | | | |
| Description: | 1 = Rep | ld identifies the k lacement lacement betwee nge | | nedule | | | | |
| Processing outgo | oing | | | | | | | |
| EDI subsystem: | | | | | | | | |
| BAAN: | None | | | | | | | |
| Processing incom | ning | | | | | | | |
| EDI subsystem: | | I subsystem fills ansmission file. | the field b | based on the infor | rmation | | | |
| BAAN: | | g to BAAN table sion Table tcedi4 | | | | | | |

| Position | 47 | Field format | n8 | Field status | С | | | |
|---|--|--|--------------------|--------------------|------------|--|--|--|
| Field name | | Horizon Start Date | | | | | | |
| Description: | between | ld contains the 'I n Dates' schedule : YYYYMMDD | | e' in case of a 'R | eplacement | | | |
| Processing outgo | oing | | | | | | | |
| EDI subsystem: | | | | | | | | |
| BAAN: | None | | | | | | | |
| Processing incom | ning | | | | | | | |
| EDI subsystem: | Transm | ission of the valu | e from th | e transmission fi | le. | | | |
| BAAN: | Mappin | g to BAAN table | e field tdss | sc229.hdtf | | | | |
| | | | | | | | | |
| Position | 48 | Field format | n8 | Field status | С | | | |
| Position Field name | 48 | Field format Horizon End I | 11.10 | Field status | С | | | |
| | This fie between | | Date | | 0 | | | |
| Field name | This fie between (format | Horizon End I ld contains the '' n Dates' schedule | Date | | 0 | | | |
| Field name Description: | This fie between (format | Horizon End I ld contains the '' n Dates' schedule | Date | | | | | |
| Field name Description: Processing outgo | This fie between (format | Horizon End I ld contains the '' n Dates' schedule | Date | | | | | |
| Field name Description: Processing outgo EDI subsystem: | This fie betweer (format bing None | Horizon End I ld contains the '' n Dates' schedule | Date | | | | | |
| Field name Description: Processing outgo EDI subsystem: BAAN: | This fie betweer (format bing None ning | Horizon End I ld contains the '' n Dates' schedule : YYYYMMDD | Date Γο Date' i | n case of a 'Repl | lacement | | | |

| Position | 49 | Field format | an7 | Field status | Μ | | | |
|--------------|----|--------------------------------------|----------------------|--------------------|--------|--|--|--|
| Field name | | End of record | End of record marker | | | | | |
| Description: | | ield indicates the e value 'SA2_END' | | record. It contain | ns the | | | |

Processing outgoing

EDI subsystem:

BAAN: The field is filled with the fixed value 'SA2_END'.

Processing incoming

EDI subsystem: The field is filled with the fixed value 'SA2_END'.

BAAN: None

SA3 Shipping Schedule Text

| Status : | Conditional |
|--------------|--|
| Frequency : | Repeatable by item number |
| Description: | This data record supports the transmission |

Description: This data record supports the transmission of shipping schedule instructions for the supplier. These instructions are applied to the appropriate item, which is indicated in the previous data record SA2.

| SHIPPING SCHEDULE 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 | М | an3 | SA3 | | SA3 | |
| 2 | Message reference | O/I | М | an14 | tcedi701.bano | | tcedi702.bano | |
| 3 | Supplier number (out) | 0 | М | an6 | tdpsc029.suno | | | |
| | Network address customer (in) | I | м | an17 | | | cedi702.reno | |
| 4 | Code delivery address | O/I | М | an20 | tdpsc001.plnt + tdpsc001.delp | | tdssc229.cdel | |
| 5 | Customer's item code | O/I | М | an35 | tdpsc029.item | | tdssc229.item | |
| 6 | Shipping Schedule Text 1 | | М | an70 | tdpsc029.txta | | tdssc229.txta | |
| 7 | Shipping Schedule Text 2 | | С | an70 | tdpsc029.txta | | tdssc229.txta | |
| 8 | Shipping Schedule Text 3 | | С | an70 | tdpsc029.txta | | tdssc229.txta | |
| 9 | End of record marker | | М | an7 | SA3_END | | SA3_END | |

Detailed description

| Position | 1 | Field format | an3 | Field status | М | | | | |
|---|--|---|---|---|----|--|--|--|--|
| Field name | | Record type | | (Key field) | | | | | |
| Description: | This field identifies the record type in the message block. It contains the fixed value 'SA3'. | | | | | | | | |
| Processing outgo | oing | | | | | | | | |
| EDI subsystem: | | | | | | | | | |
| BAAN: | This fie | ld is filled with th | ne fixed va | alue 'SA3'. | | | | | |
| Processing incom | ning | | | | | | | | |
| EDI subsystem: | This fie | ld is filled with th | ne fixed va | alue 'SA3'. | | | | | |
| BAAN: | None | | | | | | | | |
| Position | 2 | Field format | an14 | Field status | Μ | | | | |
| Field name | Message reference (Key field) | | | | | | | | |
| Description: This field identifies all connected data records of one shipping schedule. The numbering, which has to be unique by shipping schedule, helps to control the chronological order of the schedules and the complete transmission. | | | | | | | | | |
| Description: | schedul shipping | ld identifies all co e. The numbering g schedule, helps | onnected of the second | data records of o as to be unique the chronologio | by | | | | |
| Description: Processing outgo | schedul shipping the sche | ld identifies all co e. The numbering g schedule, helps | onnected of the second | data records of o as to be unique the chronologio | by | | | | |
| - | schedul shipping the sche | ld identifies all co e. The numbering g schedule, helps | onnected of the second | data records of o as to be unique the chronologio | by | | | | |
| Processing outgo | schedul shipping the sche | ld identifies all co e. The numbering g schedule, helps | onnected (g, which h to control nplete tra | data records of o as to be unique the chronologio | by | | | | |
| Processing outgo EDI subsystem: | schedul shipping the sche oing Refer to | ld identifies all co e. The numbering g schedule, helps edules and the co | onnected (g, which h to control nplete tra | data records of o as to be unique the chronologio | by | | | | |
| Processing outgo EDI subsystem: BAAN: | schedul shipping the sche bing Refer to ning | ld identifies all co e. The numbering g schedule, helps edules and the con | onnected o g, which h to control nplete tra | data records of o as to be unique the chronologio | by | | | | |

| Position | 3 out | Field format | an6 | Field status | Μ |
|------------------|---------------------|---------------------|--------------|-------------------|------------|
| Field name | | Supplier numb | ber | (Key field) | |
| Description: | This fie the sup | eld contains the id | lentificatio | on the customer | applied to |
| Processing outgo | oing | | | | |
| EDI subsystem: | | | | | |
| BAAN: | Refer to | o record type SA2 | 2. | | |
| Position | 3 in | Field format | an17 | Field status | Μ |
| Field name | Netwo | rk address custo | mer | (Key field) | |
| Description: | This fie | eld contains the ne | etwork ad | dress of the cust | omer. |
| Processing incom | ning | | | | |
| EDI subsystem: | Refer to | o record type SA2 | 2. | | |
| BAAN: | Refer to | o record type SA2 | 2. | | |
| Position | 4 | Field format | an20 | Field status | Μ |
| Field name | | Code delivery | address | (Key field) | |
| Description: | This fie custom | eld contains the co | ode for the | e delivery addres | ss of the |
| Processing outgo | oing | | | | |
| EDI subsystem: | | | | | |
| BAAN: | Refer to | o record type SA2 | 2. | | |
| Processing incom | ning | | | | |
| EDI subsystem: | Refer to | o record type SA2 | 2. | | |
| BAAN: | Refer to | o record type SA2 | 2. | | |
| | | | | | |

| Position | 5 | Field format | an35 | Field status | М |
|------------------|----------|---------------------------------------|--------------|------------------|---------------|
| Field name | | Customer's ite | m numbe | r | |
| Description: | | ld contains the id to the required it | | on which the cu | stomer |
| Processing outgo | oing | | | | |
| EDI subsystem: | | | | | |
| BAAN: | Refer to | record type SA2 | 2. | | |
| Processing incon | ning | | | | |
| EDI subsystem: | Refer to | record type SA2 | 2. | | |
| BAAN: | Refer to | record type SA2 | 2. | | |
| Position | 6 | Field format | an70 | Field status | Μ |
| Field name | | Shipping sched | lule text 1 | l | |
| Description: | This fie | ld contains a ship | ping sche | dule text with 7 | 0 characters. |
| Processing outgo | oing | | | | |
| EDI subsystem: | | | | | |
| BAAN: | Mappin | g of BAAN table | e field tdps | sc029.txta to po | sition. |
| Processing incon | ning | | | | |
| EDI subsystem: | Transm | ission of value fr | om transn | nission file. | |
| BAAN: | Mappin | g to BAAN table | field tdss | c229.txta. | |
| Position | 7 | Field format | an70 | Field status | С |
| Field name | | Shipping sched | lule text 2 | 2 | |
| Description: | This fie | ld contains a ship | ping sche | dule text with 7 | 0 characters. |
| Processing outgo | oing | | | | |
| EDI subsystem: | | | | | |
| BAAN: | Mappin | g of BAAN table | e field tdps | sc029.txta to po | sition. |
| Processing incom | ning | | | | |
| EDI subsystem: | Transm | ission of value fr | om transn | nission file. | |
| BAAN: | Mappin | g to BAAN table | field tdss | c229.txta. | |
| | | | | | |

| Position | 8 | Field format | an70 | Field status | С | | | |
|------------------------------------|---|---|-------------|-------------------|---------------|--|--|--|
| Field nameShipping schedule text 3 | | | | | | | | |
| Description: | This fie | ld contains a shi | pping sche | dule text with 7 | 0 characters. | | | |
| Processing outgoing | | | | | | | | |
| EDI subsystem: | | | | | | | | |
| BAAN: | Mapping of BAAN table field tdpsc029.txta to position | | | | | | | |
| Processing incom | ning | | | | | | | |
| EDI subsystem: | Transmission of value from transmission file. | | | | | | | |
| BAAN: | Mapping to BAAN table field tdssc229.txta. | | | | | | | |
| Position | 9 | Field format | an7 | Field status | Μ | | | |
| Field name | | End of record | marker | | | | | |
| Description: | | d indicates the e alue 'SA3_END' | | ecord. It contair | ns the | | | |
| Processing outgo | oing | | | | | | | |
| EDI subsystem: | | | | | | | | |
| BAAN: | The fiel | d is filled with th | he fixed va | llue 'SA3_END | ·. | | | |
| Processing incoming | | | | | | | | |
| i locessing meen | ning | The field is filled with the fixed value 'SA3 END'. | | | | | | |
| C | e | d is filled with th | he fixed va | llue 'SA3_END | ` . | | | |

SA4 Shipping Schedule Lines

| Status : | Mandatory |
|--------------|---|
| Frequency: | Repeatable by item number |
| Description: | This record type supports the transfer of the required item quantity, which is indicated in the data record SA2. The customer determines the quantities which are required at certain dates. |

| SHIPPING SCHEDULE 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 | М | an3 | SA4 | | SA4 | |
| 2 | Message reference | O/I | М | an14 | tcedi701.bano | | tcedi702.bano | |
| 3 | Supplier number (out) | 0 | М | an6 | tdpsc001.suno | | | |
| | Network address customer (in) | I | м | an17 | | | tdssc229.cuno | |
| 4 | Code delivery address | O/I | М | an20 | tdpsc001.plnt + tdpsc001.delp | | tdssc229.cdel | |
| 5 | Customer's item number | O/I | М | an35 | tdpsc029.item | | tdssc229.item | |
| 6 | Shipping schedule date | | М | n8 | tdpsc030.date | | tdssc230.date | |
| 7 | Shipping schedule time | | М | n4 | tdpsc030.time | | tdssc230.time | |
| 8 | Shipping schedule quantity | | М | n9 | tdpsc030.dciq | | tdssc230.dciq | |
| 9 | Requirement status | | С | an1 | B or Blank | | | |
| 10 | RAN / DON – Number | | С | an12 | Empty Position (;;) | | tdssc230.ican | |
| 11 | First Delivery Date | | С | n8 | Empty Position (;;) | | tdssc230.fsdt | |
| 12 | First Delivery Time | | С | n4 | Empty Position (;;) | | tdssc230.fsti | |
| 13 | Last Delivery Date | | С | n8 | Empty Position (;;) | | tdssc230.lsdt | |
| 14 | Last Delivery Time | | С | n4 | Empty Position (;;) | | tdssc230.lsti | |
| 15 | End of record marker | | М | an7 | SA4_END | | SA4_END | |

Detailed description

| Position | 1 | Field format | an3 | Field status | Μ | | | |
|---|---|--|--|--|----|--|--|--|
| Field name | | Record type | | (Key field) | | | | |
| Description: | | This field identifies the kind of data record in the message block. It contains the fixed value 'SA4'. | | | | | | |
| Processing outgo | oing | | | | | | | |
| EDI subsystem: | | | | | | | | |
| BAAN: | This fie | This field is filled with the fixed value 'SA4'. | | | | | | |
| Processing incoming | | | | | | | | |
| EDI subsystem: | This field is filled with the fixed value 'SA4'. | | | | | | | |
| BAAN: | None | | | | | | | |
| Position | 2 | Field format | an14 | Field status | М | | | |
| | | | | | | | | |
| Field name | | Message refere | ence | (Key field) | | | | |
| Field name Description: | schedul shipping | Message referent ld identifies all c e. The numbering g schedule, helps edules and the co | onnected o g, which h to control | data records of as to be unique the chronologi | by | | | |
| | schedul shipping the sche | ld identifies all c e. The numbering g schedule, helps | onnected o g, which h to control | data records of as to be unique the chronologi | by | | | |
| Description: | schedul shipping the sche | ld identifies all c e. The numbering g schedule, helps | onnected o g, which h to control | data records of as to be unique the chronologi | by | | | |
| Description: Processing outgo | schedul shipping the sche | ld identifies all c e. The numbering g schedule, helps | onnected o g, which h to control mplete tra | data records of as to be unique the chronologi | by | | | |
| Description: Processing outgo EDI subsystem: | schedul shippin the sche oing Refer to | ld identifies all c e. The numbering g schedule, helps edules and the co | onnected o g, which h to control mplete tra | data records of as to be unique the chronologi | by | | | |
| Description: Processing outgo EDI subsystem: BAAN: | schedul shipping the sche bing Refer to ning | Id identifies all c e. The numbering g schedule, helps edules and the co | onnected o g, which h to control mplete tra | data records of as to be unique the chronologi | by | | | |

| Position | 3 out | Field format | an6 | Field status | М |
|------------------|--------------------|---|--------------|-------------------|-----------|
| Field name | | Supplier numb | ber | (Key field) | |
| Description: | | eld contains the id to the supplier. | lentificatio | on which the cus | tomer |
| Processing outgo | oing | | | | |
| EDI subsystem: | | | | | |
| BAAN: | Refer to | o record type SA2 | 2. | | |
| Position | 3 in | Field format | an17 | Field status | Μ |
| Field name | Networ | rk address custo | mer | (Key field) | |
| Description: | This fie | eld contains the ne | etwork add | dress of the cust | omer. |
| Processing incon | ning | | | | |
| EDI subsystem: | Refer to | o record type SA2 | 2. | | |
| BAAN: | Refer to | o record type SA2 | 2. | | |
| Position | 4 | Field format | an20 | Field status | Μ |
| Field name | | Code delivery | address | (Key field) | |
| Description: | This fie custom | eld contains the co | ode for the | e delivery addres | ss of the |
| Processing outgo | oing | | | | |
| EDI subsystem: | | | | | |
| BAAN: | Refer to | o record type SA2 | 2. | | |
| Processing incon | ning | | | | |
| - | | | | | |
| EDI subsystem: | Refer to | o record type SA2 | 2. | | |

| Position | 5 | Field format | an35 | Field status | Μ |
|----------------------------------|----------------------|--|------------|-------------------|---------|
| Field name | | Customer's iter | m numbe | er | |
| Description: | | eld contains the ide to the required ite | | on which the cus | tomer |
| Processing outgo | oing | | | | |
| EDI subsystem: | | | | | |
| BAAN: | Refer to | o record type SA2 | | | |
| Processing incor | ning | | | | |
| EDI subsystem: | Refer to | o record type SA2 | | | |
| BAAN: | Refer to | o record type SA2 | | | |
| Position | 6 | Field format | n8 | Field status | Μ |
| Field name | | Shipping sched | ule date | | |
| Description: | positio | eld contains the da n. It needs to be in <i>le date type</i> of rec | terpreted | on the basis of t | |
| Processing outgo | oing | | | | |
| EDI subsystem: | | | | | |
| BAAN: | Mappir | ng of BAAN table | field tdps | sc030.date to pos | sition. |
| Processing incor | ning | | | | |
| EDI subsystem: | | | | | |
| BAAN: | Mappir | ng to BAAN table | field tdss | c230.date. | |
| Position | 7 | Field format | n4 | Field status | Μ |
| Field name | | Shipping sched | ule time | | |
| | T1 | | | | |
| Description: | position | eld contains the tir n. It needs to be in <i>be</i> of the record ty | terpreted | | |
| Description: Processing outgo | position date typ | n. It needs to be in | terpreted | | |
| - | position date typ | n. It needs to be in | terpreted | | |

| Processing incom | ning | | | | | | | | |
|------------------|--|--|-------------|---------------------------------------|---------|--|--|--|--|
| EDI subsystem: | | | | | | | | | |
| BAAN: | Mappin | Mapping to BAAN table field tdssc230.time. | | | | | | | |
| Position | 8 | 8 Field format n9 Field status M | | | | | | | |
| Field name | | Shipping sche | dule qua | ntity | | | | | |
| Description: | This fie | eld contains the q | uantity o | f this schedule po | sition. | | | | |
| Processing outgo | oing | | | | | | | | |
| EDI subsystem: | | | | | | | | | |
| BAAN: | Mappin | ng of BAAN tabl | e field tdj | psc030.dciq to po | sition. | | | | |
| Processing incom | ning | | | | | | | | |
| EDI subsystem: | | I subsystem tran to this field. | sfers the | quantity of this so | chedule | | | | |
| BAAN: | Mappin | ig to BAAN table | e field tds | ssc230.dciq. | | | | | |
| Position | 9 | Field format | an1 | Field status | С | | | | |
| Field name | | Requirement | status | | | | | | |
| Description: | | L | | until which date previous shipping | 11 | | | | |
| | The value "B" indicates that the supplier should overtake the FAB data of the previous transmission until this date without any change. Only one position of every shipping schedule should have the value "B". All other positions have to be filled with blanks. | | | | | | | | |
| Processing outgo | oing | | | | | | | | |
| EDI subsystem: | | | | | | | | | |
| BAAN: | This fie | eld is filled with a | a blank. | | | | | | |
| Processing incom | ning | | | | | | | | |
| EDI subsystem: | | | | | | | | | |
| BAAN: | | | | | | | | | |
| | | | | | | | | | |

| Message Type Shipping Schedule | Definition of | f BEMIS 2.0 | Inhouse l | Format |
|--------------------------------|---------------|-------------|-----------|--------|
| 2-44 | | | | |

| Position | 10 | Field format | an12 | Field status | Μ | | | | |
|---|---|-------------------|--------------|--------------------|--------------|--|--|--|--|
| Field name | | RAN - / DON | Number | | | | | | |
| Description: | Description: This field contains the RAN - / DON Number | | | | | | | | |
| Processing outgo | oing | | | | | | | | |
| EDI subsystem: | None. | | | | | | | | |
| BAAN: | None; e | empty Position (. | ;;) | | | | | | |
| Processing incom | ning | | | | | | | | |
| EDI subsystem: | DI subsystem: The EDI subsystem transfers the RAN - / DON - Number to this field. | | | | | | | | |
| BAAN: | Mapping to BAAN table field tdssc230.ican | | | | | | | | |
| Position | 11 | Field format | n8 | Field status | Μ | | | | |
| Field name | Field name First Delivery Date | | | | | | | | |
| | | First Delivery | Date | | | | | | |
| Description: | This fie point. | Id contains the e | | e of delivery at t | he unloading | | | | |
| | point. | • | | e of delivery at t | he unloading | | | | |
| Description: | point. | • | | e of delivery at t | he unloading | | | | |
| Description: Processing outgo | point. ving | • | arliest date | e of delivery at t | he unloading | | | | |
| Description: Processing outgo EDI subsystem: | point. bing None; e | ld contains the e | arliest date | e of delivery at t | he unloading | | | | |
| Description: Processing outgo EDI subsystem: BAAN: | point. bing None; e | ld contains the e | arliest date | e of delivery at t | he unloading | | | | |
| Description: Processing outgo EDI subsystem: BAAN: Processing incom | point. ving None; e ning | ld contains the e | arliest date | | he unloading | | | | |

| Position | 12 | Field format | n4 | Field status | Μ | | | | |
|---------------------|---|---|------|--------------|---|--|--|--|--|
| Field name | | First Delivery Time | | | | | | | |
| Description: | This fie point. | This field contains the earliest time of delivery at the unloading point. | | | | | | | |
| Processing outgo | oing | | | | | | | | |
| EDI subsystem: | | | | | | | | | |
| BAAN: | None; | None; empty Position (;;) | | | | | | | |
| Processing incoming | | | | | | | | | |
| EDI subsystem: | | | | | | | | | |
| BAAN: | BAAN: Mapping to BAAN table field tdssc230.fsti. | | | | | | | | |
| Position | 13 | Field format | n8 | Field status | Μ | | | | |
| Field name | | Last Delivery | Date | | | | | | |
| Description: | on: This field contains the latest date of delivery at the unloading point. | | | | | | | | |
| Processing outgo | oing | | | | | | | | |
| EDI subsystem: | | | | | | | | | |
| BAAN: | None; | empty Position (. | ;;) | | | | | | |
| Processing incor | ning | | | | | | | | |
| | | | | | | | | | |
| EDI subsystem: | | | | | | | | | |

| Position | 14 | Field format | n4 | Field status | М |
|---|--------------------|--------------------------------------|-------------|------------------------------------|-----------|
| Field name | | Last Delivery | Time | | |
| Description: | This fie point. | eld contains the la | atest time | of delivery at the | unloading |
| Processing outgo | oing | | | | |
| EDI subsystem: | | | | | |
| BAAN: | None; e | empty Position (. | ;;) | | |
| Processing incor | ning | | | | |
| EDI subsystem: | | | | | |
| BAAN: | Mappin | g to BAAN table | e field tds | sc230.1sti. | |
| Position | 15 | Field format | an7 | Field status | Μ |
| Field name | | End of record | marker | | |
| Description: | | ld indicates the e alue 'SA4_END' | | record. It contain | s the |
| | | | | | |
| Processing outgo | oing | | | | |
| Processing outgo EDI subsystem: | oing | | | | |
| 0 0 | C | ld is filled with t | he fixed v | ralue 'SA4_END | |
| EDI subsystem: | The fiel | ld is filled with th | he fixed v | ralue 'SA4_END' | |
| EDI subsystem: BAAN: Processing incor | The fiel | | | ralue 'SA4_END' ralue 'SA4_END' | |

SA5 Packaging Data

| Status: | Optional |
|--------------|---|
| Frequency: | up to 4 times by item number outgoing up to n times by item number incoming |
| | BAAN IV purchase contracts contain a 4 level packaging structure, which can be transmitted by SA6. The first level represents the outer packaging, the other levels represent intermediate packaging and smaller packagings (level 4). |
| Description: | This record type supports the transmission of packaging information, which can be used for the required item of the previous record of the data record SA2 (item number, capacity): This kind of data record is repeatable if several packagings have to be used. |

| SHIP | PING SCHEDULE INHO | DUSE | FORM | ЛАТ | Mapping from A Table Fields (or | | Mapping to Application Fields (in) | | |
|------|---|------|------|------|----------------------------------|-------------------------------------|---------------------------------------|----------------|--|
| Pos | FIELD DESCRIPTION | Key | ST | FM | Table Field | Action | Table Field | Action | |
| 1 | Record type | O/I | М | an3 | SA5 | Evaluation expression PI1 | SA5 | | |
| 2 | Message reference | O/I | Μ | an14 | tcedi701.bano | | tcedi702.bano | | |
| 3 | Supplier number (out) | 0 | М | an6 | tdpsc001.suno | | | | |
| | Network address customer (in) | I | м | an17 | | | cedi702.reno | | |
| 4 | Code delivery address | O/I | М | an20 | tdpsc001.plnt + tdpsc001.delp | | tdssc229.cdel | | |
| 5 | Customer's item number | O/I | М | an35 | tdpsc029.item | | tdssc229.item | | |
| 6 | Customer's item number for packaging 1 | | М | an35 | tdpsc001.utyp | Evaluation expression PI1 | tdssc231.cpak | | |
| 7 | Supplier 's item number for packaging 1 | | С | an35 | tdpsc001.utyp | Evaluation expression PI1 | tdssc231.pack | | |
| 8 | Quantity of items in package 1 | | М | n9 | tdpsc001.uqty | Evaluation expression PI1 | tdssc231.cqty | | |
| 9 | Flag 'Full packaging only 1' | | М | n1 | tdpsc001.uful | Evaluation expression PI1 | Blank | | |
| 10 | Qualifier for Item number | | М | an2 | SA | Evaluation expression PI1 | SA | | |
| 11 | Packaging Level | | М | n1 | 3 or 1 | Evaluation expression PI1/PI5 | tdssc231.plvl | | |
| 12 | Packaging Type | | С | an1 | Μ | Evaluation expression PI1 | tdssc231.ptyp | | |
| 13 | Number of Packages | | М | n4 | empty | Evaluation expression PI1 | tdssc231.puqt | | |
| 14 | Sales Unit | | С | an3 | tdpsc001.cuqp | Evaluation expression PI1 | tdssc231.cuqs | Convers ion | |
| 15 | Package Description | | С | an35 | empty | Evaluation expression PI1 | tdssc231.dsca | | |
| 16 | Code List Agency | | С | an3 | empty | Evaluation expression PI1 | tdssc231.clra | | |
| 17 | End of record marker | | М | an7 | SA5_END | Evaluation expression PI1 | SA5_END | | |

1 Packaging level (outgoing) - All packagings (incoming)

2 Packaging level (outgoing)

| SHIPPI | ING SCHEDULE INHOUSE FORM | Mapping from Application Table Fields (out) | | | | |
|--------|---|---|----|------|-----------------|------------------------------|
| Pos | FIELD DESCRIPTION | Key | ST | FM | Table Field | Action |
| 1 | Record type | 0 | М | an3 | SA5 | Evaluation expression PI2 |
| 2 | Message reference | 0 | М | an14 | tcedi701.bano | |
| 3 | Supplier number (out) | 0 | М | an6 | tdpsc001.suno | |
| | Network address customer (in) | | | | | |
| 4 | Code delivery address | 0 | М | an20 | tdpsc001.plnt + | |
| | | | | | tdpsc001.delp | |
| 5 | Customer's item number | 0 | М | an35 | tdpsc029.item | |
| 6 | Customer's item number for packaging 2 | | М | an35 | tdpsc001.mtyp | Evaluation expression PI2 |
| 7 | Customer's item number for packaging 2 | | С | an35 | tdpsc001.mtyp | Evaluation expression PI2 |
| 8 | Quantity of items in package 2 | | М | n9 | tdpsc001.mqty | Evaluation expression PI2 |
| 9 | Flag 'Full packaging only 2' | | М | n1 | tdpsc001.mful | Evaluation expression PI2 |
| 10 | Qualifier for Item number | | М | an2 | SA | Evaluation expression PI2 |
| 11 | Packaging Level | | М | n1 | 2 | Evaluation expression PI2 |
| 12 | Packaging Type | | С | an1 | A | Evaluation expression PI2 |
| 13 | Number of Packages | | М | n4 | empty | Evaluation expression PI2 |
| 14 | Sales Unit | | С | an3 | tdpsc001.cuqp | Evaluation expression PI2 |
| 15 | Package Description | | С | an35 | empty | Evaluation expression PI2 |
| 16 | Code List Agency | | С | an3 | empty | Evaluation expression PI2 |
| 17 | End of record marker | | М | an7 | SA5_END | Evaluation expression PI2 |

| SHIP | PING SCHEDULE INHOUSE | FORM | TAN | | Mapping from Application Table Fields (out) | | | |
|------|--|------|-----|------|--|------------------------------|--|--|
| Pos | FIELD DESCRIPTION | Key | ST | FM | Table Field | Action | | |
| 1 | Record type | 0 | М | an3 | SA5 | Evaluation expression PI3 | | |
| 2 | Message reference | 0 | М | an14 | tcedi701.bano | | | |
| 3 | Supplier number (out) | 0 | М | an6 | tdpsc001.suno | | | |
| | Network address customer (in) | | | | | | | |
| 4 | Code delivery address | 0 | М | an20 | tdpsc001.plnt + | | | |
| | | | | | tdpsc001.delp | | | |
| 5 | Customer's item number | 0 | М | an35 | tdpsc029.item | | | |
| 6 | Customer's item number for packaging 3 | | М | an35 | tdpsc001.btyp | Evaluation expression PI3 | | |
| 7 | Customer's item number for packaging 3 | | С | an35 | tdpsc001.btyp | Evaluation expression PI3 | | |
| 8 | Quantity of items in package 3 | | М | n9 | tdpsc001.bqty | Evaluation expression PI3 | | |
| 9 | Flag 'Full packaging only 3' | | М | n1 | tdpsc001.bful | Evaluation expression PI3 | | |
| 10 | Qualifier for Item number | | Μ | an2 | SA | Evaluation expression PI3 | | |
| 11 | Packaging Level | | М | n1 | 2 | Evaluation expression PI3 | | |
| 12 | Packaging Type | | С | an1 | A | Evaluation expression PI3 | | |
| 13 | Number of Packages | | М | n4 | empty | Evaluation expression PI3 | | |
| 14 | Sales Unit | | С | an3 | tdpsc001.cuqp | Evaluation expression PI3 | | |
| 15 | Package Description | | С | an35 | empty | Evaluation expression PI3 | | |
| 16 | Code List Agency | | С | an3 | empty | Evaluation expression PI3 | | |
| 17 | End of record marker | | М | an7 | SA5_END | Evaluation expression PI3 | | |

3 Packaging level (outgoing)

Evaluation expression PI4

| SHIP | PING SCHEDULE INHOUSE FO | RMAT | - | | Mapping from Application Table Fields (out) | | |
|------|--|------|----|------|--|-----------------------------|--|
| Pos | FIELD DESCRIPTION | Key | ST | FM | Table Field | Action | |
| 1 | Record type | 0 | М | an3 | SA5_END | Evaluation expression Pl | |
| 2 | Message reference | 0 | М | an14 | tcedi701.bano | | |
| 3 | Supplier number (out) | 0 | М | an6 | tdpsc001.suno | | |
| | Network address customer (in) | | | | | | |
| 4 | Code delivery address | 0 | М | an20 | tdpsc001.plnt + | | |
| | | | | | tdpsc001.delp | | |
| 5 | Customer's item number | 0 | М | an35 | tdpsc029.item | | |
| 6 | Customer's item number for packaging 4 | | М | an35 | tdpsc001.atyp | Evaluation expression PI | |
| 7 | Customer's item number for packaging 4 | | С | an35 | tdpsc001.atyp | Evaluation expression PI | |
| 8 | Quantity of items in package 4 | | Μ | n9 | tdpsc001.aqty | Evaluation expression PI | |
| 9 | Flag 'Full packaging only 4' | | Μ | n1 | tdpsc001.aful | Evaluation expression PI | |
| 10 | Qualifier for Item number | | Μ | an2 | SA | Evaluation expression Pl | |
| 11 | Packaging Level | | Μ | n1 | 1 | Evaluation expression PI | |
| 12 | Packaging Type | | С | an1 | М | Evaluation expression PI | |
| 13 | Number of Packages | | С | n4 | empty | Evaluation expression Pl | |
| 14 | Sales Unit | | С | an3 | tdpsc001.cuqp | Evaluation expression PI | |
| 15 | Package Description | | С | an35 | empty | Evaluation expression PI | |
| 16 | Code List Agency | | С | an3 | empty | Evaluation expression Pl | |
| | + | 1 | + | | + | + | |

Μ

an7

SA5_END

4 Packaging level (outgoing)

Message Type Shipping Schedule Definition of BEMIS 2.0 Inhouse Format 2-52

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End of record marker

Remark about evaluation expressions:

The evaluation expressions indicate, if a special action needs to be carried out. In this case the evaluation expressions control, if a data record or certain field is written or not. They are only written, if the corresponding fields in BAAN are filled:

- PI1 Packaging information level 1 available tdpsc001.utyp > '
- PI2 Packaging information level 2 available tdpsc001.mtyp > ' '
- PI3 Packaging information level 3 available tdpsc001.btyp > '
- PI4 Packaging information level 4 available tdpsc001.atyp > ' '

Detailed description

| Position | 1 | Field format | an3 | Field status | Μ |
|--|---|--|--|---|--------------------------------|
| Field name | | Record type | | (Key field) | |
| Description: | | eld identifies the k It contains the fixe | | | nessage |
| Processing outgo | oing | | | | |
| EDI subsystem: | | | | | |
| BAAN: | This fie | eld is filled with the | he fixed va | alue 'SA5'. | |
| Processing incom | ning | | | | |
| EDI subsystem: | This fie | eld is filled with the | he fixed va | alue 'SA5'. | |
| BAAN: | None | | | | |
| Position | 2 | Field format | an14 | Field status | М |
| Field name | | Message refere | ence | (Key field) | |
| Description: | This tie | ald identities all c | onnootod (| | |
| 2 complem | schedul shippin | le. The numbering g schedule, helps edules and the co | g, which h to control | the chronologic | by |
| Processing outgo | schedul shippin the sche | le. The numbering g schedule, helps | g, which h to control | as to be unique the chronologic | by |
| Ĩ | schedul shippin the sche | le. The numbering g schedule, helps | g, which h to control | as to be unique the chronologic | by |
| Processing outgo | schedul shippin the scho bing | le. The numbering g schedule, helps | g, which h to control mplete tra | as to be unique the chronologic | by |
| Processing outgo EDI subsystem: | schedul shippin the scho oing Refer to | le. The numbering g schedule, helps edules and the cor | g, which h to control mplete tra | as to be unique the chronologic | by |
| Processing outgo EDI subsystem: BAAN: | schedul shippin the scho oing Refer to ning | le. The numbering g schedule, helps edules and the cor | g, which h to control mplete trai | as to be unique the chronologic | by |
| Processing outgo EDI subsystem: BAAN: Processing incor | schedul shippin the scho oing Refer to ning Refer to | le. The numbering g schedule, helps edules and the cor o record type SA2 | g, which h to control mplete tra 2. | as to be unique the chronologic | by |
| Processing outgo EDI subsystem: BAAN: Processing incom EDI subsystem: | schedul shippin the scho oing Refer to ning Refer to | le. The numbering g schedule, helps edules and the cor p record type SA2 p record type SA2 | g, which h to control mplete tra 2. | as to be unique the chronologic | by |
| Processing outgo EDI subsystem: BAAN: Processing incor EDI subsystem: BAAN: | schedul shippin the scho oing Refer to Refer to Refer to | le. The numbering g schedule, helps edules and the cor p record type SA2 p record type SA2 p record type SA2 | g, which h to control mplete tra 2. 2. 2. an6 | as to be unique the chronologio nsmission. | by cal order of |
| Processing outgo EDI subsystem: BAAN: Processing incom EDI subsystem: BAAN: Position | schedul shippin the scho oing Refer to Refer to 3 out This fie | le. The numbering g schedule, helps edules and the cor o record type SA2 o record type SA2 o record type SA2 Field format | g, which h to control mplete train 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. | as to be unique the chronologio nsmission. Field status (Key field) | by cal order of M |
| Processing outgo EDI subsystem: BAAN: Processing incor EDI subsystem: BAAN: Position Field name | schedul shippin the sche oing Refer to Refer to 3 out This fie applied | le. The numbering g schedule, helps edules and the cor o record type SA2 o record type SA2 o record type SA2 Field format Supplier numb eld contains the id | g, which h to control mplete train 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. | as to be unique the chronologio nsmission. Field status (Key field) | by cal order of M |

| Position | 3 in | Field format | an17 | Field status | Μ |
|------------------------------------|-----------------|--|-------------|-------------------|----------|
| Field name | Netwo | rk address custo | mer | (Key field) | |
| Description: | This fi | eld contains the n | etwork add | dress of the cust | omer. |
| Processing incor | ning | | | | |
| EDI subsystem: | Refer t | o record type SA | 2. | | |
| BAAN: | Refer t | o record type SA | 2. | | |
| Position | 4 | Field format | an20 | Field status | Μ |
| Field name | | Code delivery | address | (Key | field) |
| Description: | This field | eld contains the c er. | ode for the | e delivery addres | s of the |
| Processing outgo | oing | | | | |
| EDI subsystem: | | | | | |
| BAAN: | Refer t | o record type SA | 2. | | |
| Processing incor | ning | | | | |
| EDI subsystem: | Refer t | o record type SA | 2. | | |
| BAAN: | Refer t | o record type SA | 2. | | |
| Position | 5 | Field format | an35 | Field status | Μ |
| Field name | | Customer's ite | em numbe | r | |
| Description: | | eld contains the id to the required i | | on which the cus | tomer |
| | 11 | | | | |
| Processing outgo | | | | | |
| Processing outgo EDI subsystem: | | | | | |
| | oing | o record type SA | 2. | | |
| EDI subsystem: | ng Refer t | o record type SA | 2. | | |
| EDI subsystem: BAAN: | Ding Refer t | o record type SA o record type SA | | | |

| Position | 6 | Field format | an35 | Field status | Μ |
|---|---|---|---|--|-----------------------|
| Field name | | Customer's ite | em numbe | r for packagin | g |
| Description: | | d contains the ic to the packaging | | | stomer |
| Processing outgo | oing | | | | |
| EDI subsystem: | | | | | |
| BAAN: | | g of BAAN table 1.utyp/mtyp/btyp | | osition. | |
| Processing incon | ning | | | | |
| EDI subsystem: | Transmi | ssion of value fr | om transm | ission file. | |
| BAAN: | Mapping | g to BAAN table | e field tdss | c231.cpak. | |
| Position | 7 | Field format | an35 | Field status | С |
| 1 | | | | | |
| Field name | | Supplier's iten | n number | for packaging | |
| Field name Description: | applied contains | Id contains the ic to the packaging the same values there is only one | lentifications for the reases as the pre- | on number whic quired item. This evious position, | s field because in |
| | applied contains BAAN t available | Id contains the ic to the packaging the same values there is only one | lentifications for the reases as the pre- | on number whic quired item. This evious position, | s field because in |
| Description: | applied contains BAAN t available | Id contains the ic to the packaging the same values there is only one | lentifications for the reases as the pre- | on number whic quired item. This evious position, | s field because in |
| Description: Processing outgo | applied contains BAAN t available ing Mapping | Id contains the ic to the packaging the same values there is only one | lentification for the read s as the pre- article num e field | n number whic quired item. Thi wious position, mber by packag | s field because in |
| Description: Processing outgo EDI subsystem: | applied contains BAAN t available ing Mapping tdpsc00 | ld contains the ic to the packaging the same values there is only one e. g of BAAN table | lentification for the read s as the pre- article num e field | n number whic quired item. Thi wious position, mber by packag | s field because in |
| Description: Processing outgo EDI subsystem: BAAN: | applied contains BAAN t available ing Mapping tdpsc00 ning | ld contains the ic to the packaging the same values there is only one e. g of BAAN table | dentification for the read s as the pre- article num e field p/atyp to p | on number whic quired item. This vious position, mber by packag | s field because in |

| Position | 8 | Field format | n9 | Field status | Μ |
|------------------|-----------------------|---|-------------|-------------------------------|-----------|
| Field name | | Quantity of ite | ems in pa | ckage | |
| Description: | This fiel packagin | | mation ab | out the capacity | of the |
| | packagi | for indicates how ng are included i nnnnnn.nn). | | iits of the next sm kaging | naller |
| Processing outgo | oing | | | | |
| EDI subsystem: | | | | | |
| BAAN: | | g of BAAN table 1.uqty/mqty/bqt | | position. | |
| Processing incom | ning | | | | |
| EDI subsystem: | Transmi | ssion of value fi | rom transi | nission file. | |
| BAAN: | Mappin | g to BAAN table | e field tds | sc231.cqty. | |
| Position | 9 | Field format | an1 | Field status | Μ |
| Field name | | Flag 'Full pac | kaging or | nly' | |
| Description: | complet | ely. Yes (packaging | | ng has to be fillec full) | 1 |
| Processing outgo | oing | | | | |
| EDI subsystem: | | | | | |
| BAAN: | Mapping to positi | - | e field tdp | osc001.uful/mful/ | bful/aful |
| Processing incom | ning | | | | |
| EDI subsystem: | | | | | |
| BAAN: | This fiel | d is ignored. | | | |
| | | | | | |

| Position | 10 | Field format | an2 | Field status | Μ |
|------------------|--------------------------|---|-------------------------|--|-----------|
| Field name | | Qualifier item | number | | |
| Description: | determ in posi | ield contains the quinine the item numb ition 6. This positi 'SA' ('SA' = supp | oer from on must | the <i>Customer's ite</i> be filled with the | em number |
| Processing outgo | oing | | | | |
| EDI subsystem: | | | | | |
| BAAN: | This fi | ield is filled with t | he fixed | value 'SA'. | |
| Processing incom | ning | | | | |
| EDI subsystem: | This fi | ield is filled with t | he fixed | value 'SA'. | |
| BAAN: | tcedi2 | ualifier must be pro 32 (Item number I the BAAN interna ner's item number | Ds). It is l item nu | taken into accour mber is determine | |
| Position | 11 | Field format | n1 | Field status | Μ |
| Field name | | Packaging Lev | rel | | |
| Description: | packag '1' = '2' = | ield indicates if the ge. Inner Package Intermediate Pac Outer Package/ J | kage | | outer |
| Processing outgo | oing | | | | |
| EDI subsystem: | | | | | |
| BAAN: | Mappi | ng of "1", "2"or " | 3". | | |
| Processing incom | ning | | | | |
| EDI subsystem: | Transr | nission of the valu | e from tl | he transmission fi | le. |
| BAAN: | Mappi | ng to BAAN table | field tds | ssc231.plvl. | |
| | | | | | |

| Position | 12 | Field format | n1 | Field status | С | |
|------------------------------------|-------------------|--|------------|--------------------|------|--|
| Field name | | Packaging Typ | e | | | |
| Description: | auxiliar 'M' = | - | packagin | ng is of type mair | ı or | |
| Processing outgo | oing | | | | | |
| EDI subsystem: | | | | | | |
| BAAN: | Mappin | ng of "M" or "A" | | | | |
| Processing incor | ning | | | | | |
| EDI subsystem: | Transm | ission of the valu | e from th | e transmission fil | e. | |
| BAAN: | 11 | Mapping to BAAN table field tdssc231.ptyp. An empty field will be converted to 'M'. | | | | |
| Position | 13 | Field format | n4 | Field status | С | |
| Field name | | No of Packages | 5 | | | |
| Description: | Numbe | r of inner package | es per out | ter package | | |
| Processing outgo EDI subsystem: | oing | | | | | |
| BAAN: | left em | otv | | | | |
| | 1 | | | | | |
| Processing incor | | | | | | |
| e | ning | ission of the valu | e from th | e transmission fil | e. | |

| Position | 14 | Field format | an3 | Field status | С |
|------------------|----------|--------------------------------------|------------|-------------------|----------|
| Field name | | Sales Unit | | | |
| Description: | Internal | Sales Unit | | | |
| Processing outgo | oing | | | | |
| EDI subsystem: | | | | | |
| BAAN: | Mappin | g of BAAN table | field tdps | se001.cuqp to po | osition. |
| Processing incom | ning | | | | |
| EDI subsystem: | Transm | ission of the valu | e from the | e transmission fi | le. |
| BAAN: | | g to BAAN table sion Table tcedi3 | | c231.cuqs by us | e of |
| Position | 15 | Field format | an35 | Field status | С |
| Field name | | Package Descr | iption | | |
| Description: | Custom | er's Package des | cription | | |
| Processing outgo | oing | | | | |

EDI subsystem:BAAN:left emptyProcessing incomingEDI subsystem:Transmission of the value from the transmission file.BAAN:Mapping to BAAN table field tdssc231.dsca

| Position | 16 | Field format | an3 | Field status | С | |
|---|-------------------------|---|-------------|---------------------|-------|--|
| Field name | | Code List Age | ncy | | | |
| Description: | Code li | st responsible age | ency | | | |
| Processing outgo | vina | | | | | |
| EDI subsystem: | Jing | | | | | |
| - | 1.0. | | | | | |
| BAAN: | left em | рту | | | | |
| Processing incom | ning | | | | | |
| EDI subsystem: | Transm | nission of the valu | e from th | e transmission fil | e. | |
| BAAN: | Mappir | Mapping to BAAN table field tdssc231.clra | | | | |
| Position | 17 | Field format | an7 | Field status | Μ | |
| Field name | | End of record | marker | | | |
| Description: | The fie | Id indicates the en | nd of the i | record. It contains | s the | |
| | fixed va | alue 'SA5_END'. | | | | |
| Processing outgo | | alue 'SA5_END'. | | | | |
| Processing outgo EDI subsystem: | | alue 'SA5_END'. | | | | |
| 0 0 | oing | alue 'SA5_END'. ld is filled with th | | | | |
| EDI subsystem: | oing The fie | _ | | | | |
| EDI subsystem: BAAN: Processing incom | Ding The fie ning | _ | ne fixed va | alue 'SA5_END' | | |

Glossary of terms and abbreviations

| | Cabadula |
|-----------------------|--|
| 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 |
| С | 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 Provider |
| evaluation expression | Condition in the conversion setup for outgoing messages |
| ISO | International Standards Organization |
| ISO 4217 | Code table |
| Μ | 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 |
| ODETTE | European standard for electronic data exchange |
| SCH | Supply Chain |
| Semaphore | Method to show a status by use of 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 |
| · | - |

Appendix

Remarks about the conversion of plant/final delivery point in delivery address

When transmitting the messages:

- VDA 4905 (Shipping schedule incoming)
- VDA 4915 (Shipping schedule incoming)
- VDA 4916 (Production sequence requirement incoming)

Plant and final delivery point are expected to be transmitted as unique identification of the delivery point. BAAN uses an unique delivery address without making any distinctions about final delivery points. Therefore, it is neccessary for the above mentioned incoming messages to carry out a conversion of the combination plant/final delivery point into a certain delivery address in BAAN.

The following code- and conversion tables have to be used for the conversion:

1 Address types (tcedi214)

| Maintain address ty | rpes | Company: | 600 |
|-----------------------|------------------------------------|----------|-----|
| <u>Organization</u> : | BEM BAAN Electr. Message Int. Sys. | | |
| Code in Message | Description | | |
| ZZ | Delivery address | Choice: | |

These parameters need to be entered once by organisation (BEM).

Message Type Shipping Schedule Definition of BEMIS 2.0 Inhouse Format 4-1

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2 Address Code IDs (tcedi218)

| Maintain Address | Code IDs | Firma: | 600 |
|------------------------|-------------------------------------|--------|-----|
| Organization | : BEM BAAN Electr. Message Int. Sys | | |
| <u>Code in Message</u> | Description | | |
| DP | Delivery address | Choice | : |

These parameters need to be entered once by organization (BEM).

3 Delivery address codes by customer incoming (tcedi310)

```
Maintain Conv. Of Del. Addr. Codes by Customer (in)
                                                            Company: 600
                   : 000001 ...
: BEM Verband der ucu...
pp Delivery Address
                   : 000001
                                Volkswagen AG
Customer
Organization
                                Verband der deutschen autoind.
Address Code ID : DP
Code in Message
                                     Code in Application
01601QC
                                     001 Werk Wolfsburg Tor1
01602QC
                                     002 Werk Wolfsburg Tor2
                                                            Choice: ..
```

The conversion of the plant/final delivery point into the delivery address (code in application) is entered into this table referring to one customer. The parameters have to be entered for every plant/final delivery point combination of one customer.

Sample file

"SA1";"F8009711240003";"005122";"F800";"FAB-IO";"BEMIS";"";"Auftr.ref.";971124;1313;"Nach.ref. alt";"SA1_END"

"SA2";"F8009711240003";"005122";"WEKAblad";"MB1";"DP";"ZZ";"SA";"M B1";"005122_MB1";"K005122";"WEK";"Ablad";"001";"Band1";100014;97112 4;"S";"

";;"2";"100100";;0;971124;"LSNR001";971124;1000;"I";;"";971124;0;"I";;"";

971124;0;"I";"ZwiLief.";"Erg. SachNr.";0;971124;"SA2_END"

"SA4";"F8009711240003";"005122";"WEKAblad";"MB1";971124;1000;1000;" ";"1A";"SA4_END"

"SA4";"F8009711240003";"005122";"WEKAblad";"MB1";971125;1000;1000;" ";;"SA4 END"

"SA4";"F8009711240003";"005122";"WEKAblad";"MB1";971126;1000;1000;" ";"2A";;"SA4 END"

"SA4";"F8009711240003";"005122";"WEKAblad";"MB1";971127;1000;1000;" ";"3A";;"SA4 END"

"SA4";"F8009711240003";"005122";"WEKAblad";"MB1";971128;1000;1000;" ";"4A";;"SA4 END"

"SA4";"F8009711240003";"005122";"WEKAblad";"MB1";971129;1000;1000;" ";"5A";;"SA4 END"

"SA4";"F8009711240003";"005122";"WEKAblad";"MB1";971130;1000;1000;" ";"6A";;"SA4 END"

"SA4";"F8009711240003";"005122";"WEKAblad";"MB1";971201;1000;1000;" ";"7A";;"SA4 END"

"SA4";"F8009711240003";"005122";"WEKAblad";"MB1";971201;1100;1000;" ";"8A";;"SA4 END"

"SA4";"F8009711240003";"005122";"WEKAblad";"MB1";971201;1200;1000;" ";"9A";;"SA4 END"

"SA4";"F8009711240003";"005122";"WEKAblad";"MB1";971201;1300;1000;" ";"10A";;"SA4_END"

"9B";;"SA4_END" "SA5";"F8009712120043";"005122";"WEKAblad";"MB1";"RACK";"RACK";1; 1;"SA5_END" "SA5";"F8009712120043";"005122";"WEKAblad";"MB1";"RACK1";"RACK1" ;1;2;"SA5_END"

"8B";;"SA4_END" "SA4";"F8009712120043";"005122";"WEKAblad";"MB1";980101;1000;100;"";

;"SA4_END" "SA4";"F8009712120043";"005122";"WEKAblad";"MB1";971222;1000;100;"";

"SA4";"F8009712120043";"005122";"WEKAblad";"MB1";971218;1000;100;"";

"SA4";"F8009712120043";"005122";"WEKAblad";"MB1";971217;1000;100;""; "7B";;"SA4_END"

"SA4";"F8009712120043";"005122";"WEKAblad";"MB1";971216;0;100;"";"6B ";;"SA4 END"

"SA4";"F8009712120043";"005122";"WEKAblad";"MB1";971215;1000;100;""; "5B";;"SA4 END"

"SA4";"F8009712120043";"005122";"WEKAblad";"MB1";971214;1000;100;""; "4B";;"SA4 END"

"SA4";"F8009712120043";"005122";"WEKAblad";"MB1";971213;1000;100;""; "3B";;"SA4 END"

"SA4";"F8009712120043";"005122";"WEKAblad";"MB1";971212;1000;100;""; "2B";:"SA4 END"

"SA4";"F8009712120043";"005122";"WEKAblad";"MB1";971212;0;0;""; "1B";;"SA4 END"

"SA3";"F8009712120043";"005122";"WEKAblad";"MB1";"Liefertext1";"Liefer text 222222222222222222222222222;"SA3_END"

1";100200;971212;"S";"KZ Krit. Best";;"2";"100100";;0;971212;"";971212;0;"I";;"";971212;0;"I";;"";971212;0;"I ";"ZwiLief.";"Erg. SachNr.";0;971212;"SA2 END"

"SA2";"F8009712120043";"005122";"WEKAblad";"MB1";"DP";"ZZ";"SA";"M B1";"005122 MB1";"";"WEK";"Ablad";"LADERAMPE";"Linie

"SA1";"F8009712120043";"005122";"F800";"FAB-IO";"BEMIS";"";"Auftr.ref.";971212;1158;"Nach.ref. alt";"SA1_END"

"SA5";"F8009711240003";"005122";"WEKAblad";"MB1";"0000100100";"0000 100100";1;1;"SA5 END"