BAAN IVc4

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

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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 kinds of data records, message structure, key fields and other conventions.

Chapter 2 details all corresponding kinds of data records 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 detailed more. You find information about the general conditions, which you need to observe for the processing in the EDI subsystem or in BAAN IV.

Please notice:

If you want to use this new version of the BEMIS schedule please install the solution of DEFECT 79188 / 1 (Extension for new BEMIS Struktur)

Changes in comparison with the previous version:

- Record type SA1 Schedule Overhead No changes
- Record type SA2 Schedule Header SA2.43 incoming: the value for the line feed location is now mapped to tdssc102.lnfd.

SA2.44 New Item Description out from tiitm001.dsca in tdssc102.txta

SA2.45 New: Design revision number in tdssc102.txta

SA2.46 New Shipping note time last receipt in: tdssc102.txta

Record type SA3 Schedule Text The length of the text segments are extended from an..40 to an..70.

Record Type SA4 Scheduling Lines
 SA4.13 in: now supported by import to tdssc103.dref (an..35)

SA4.16 The "RAN - / DON – Number " tdssc103.ican has been added. Thus it is now possible to import RAN Numbers.

SA4.17 The End of record sign "SA4_END" is moved from position 16 to position 17.

- Record Type SA5 Schedule Authorizations No changes
- Record Type SA6 Schedule Packaging Data No change
- Record Type SA7 Schedule Delivery History SA7.10 New Quantity of the second last shipping note (receipt) out: tdpsc007.rqty in: tdssc102.txta

SA7.11 New Quantity of the third last shipping note (receipt) out: tdpsc007.rqty in: tdssc102.txta

July 2000 - U7117D differences to U7117C

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
 SA2.47 and SA2.48 are added to support GM MGO
- Note: This modification is realized in the outgoing message ABRUF(Conversion Code ABRUF5) and the incoming message ABRUF(Conversion Code ABRUF5/ABRUF6).

June 2001 - U7117E differences to U7117D

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 ABRUF (Conversion Code V20) incoming message ABRUF (Conversion Code V20)

General principles

1

This section describes the BAAN EDI inhouse format for the message type *Schedule (incoming/outgoing)*.

Message and DLLs

The corresponding message linked to organization BEM is called ABRUF.

The belonging DLLs are:

- Tdsscdll5281 (incoming)
- Tdpscdll4281 (outgoing)

Available kinds of data records

The use of the following kinds of data records is conditional (C) respectively mandatory (M), when you transmit information about schedules by means of the messages VDA 4905 ("*Datenfernübertragung von Lieferabrufen*")¹, ODETTE DELINS or EDIFACT Delfore.

ID	Status	Name
SA1	М	Schedule Overhead
SA2	М	Schedule Header
SA3	С	Schedule Text
SA4	М	Schedule Lines
SA5	С	Schedule Authorizations
SA6	С	Schedule Packaging Data
SA7	С	Schedule Delivery History

¹ Remote transmission of schedules.

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

Branching diagram

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

The following data record structure is used for the message type BEMIS – Schedule:



Legend: Status:

Frequency:

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

SA1 SA2 SA3 SA4 SA4 SA5 SA6 SA7	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 SA6 SA7	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 SA6 SA7	BAAN IV Overhead Supplier / customer and item data 3 Text Date, quantity of item 3 Date, quantity of item 3
SA1 SA2 SA3	BAAN IV Overhead Supplier / customer and item data 4 Text
SA4 SA4 SA5 SA6	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 outgoing

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

Kind of data record	Key field 1	Key field 2	Key field 3	Key field 4
SA1	Message reference	Identification supplier		
SA2	Message reference	Identification supplier		
SA3	Message	Identification	Key delivery	Customer's item
	reference	supplier	address	number
SA4	Message	Identification	Key delivery	Customer's item
	reference	supplier	address	number
SA5	Message	Identification	Key delivery	Customer's item
	reference	supplier	address	number
SA6	Message	Identification	Key delivery	Customer's item
	reference	supplier	address	number
SA7	Message	Identification	Key delivery	Customer's item
	reference	supplier	address	number

Key fields incoming

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

Kind of data record	Key field 1	Key field 2	Key field 2 Key field 3	
SA1	Message reference	Network address customer		
SA2	Message reference	Network address customer		
SA3	Message	Network address	Key delivery	Customer's item
	reference	customer	address	number
SA4	Message	Network address	Key delivery	Customer's item
	reference	customer	address	number
SA5	Message	Network address	Key delivery	Customer's item
	reference	customer	address	number
SA6	Message	Network address	Key delivery	Customer's item
	reference	customer	address	number
SA7	Message reference	Network address customer	Key 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/lab/

The following subdirectories will be created automatically:

\${BSE}/edi/bemis/lab/appl_from/
\${BSE}/edi/bemis/lab/appl_to/
\${BSE}/edi/bemis/lab/command/
\${BSE}/edi/bemis/lab/store_recv/
\${BSE}/edi/bemis/lab/store_sent/
\${BSE}/edi/bemis/lab/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 schedule, which is described in this documentation, is defined in the following way:

Direction	File name	Network directory
outgoing	LABOUT	/appl_from
incoming	LABIN	/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 into "".

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

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	Description of the field		
Key	Key fie	ld outgoing (O) / incoming (I)	
ST	Field st	atus mandatory (M) / conditional (C)	
FM	Field format		
	an14	alphanumerical field with a maximum of 14	
	characters		
	an14 alphanumerical field with exactly 14		
	characters		
	n10	n10 numerical field with a maximum of 10	
	characters		
	n1 numerical field with exactly 1 character		

from Application Table Fields (out) / Mapping to (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.

General principles

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

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:

🚾 Menu browser [User: buchholz]
<u>File Find Options Help</u>
BAAN IV Supply Chain Finance
- BAAN IV Supply Chain Manufacturing
BAAN IV Supply Chain Distribution
Cost Accounting
🚽 🗂 Supply Chain Purchase Control
Supply Chain Sales Control
Electronic Data Interchange
Master Data
Maintain Urganizations
Maintain EDI Messages
Maintain Supported EDT Messages
Maintain FRI Messages Supported by Belations
Maintain EDI Messages Supported by Heldions
Maintain Pataton State of Stageing Messa
Networks
tcedi0103m000 Company:081 E

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 Organizations [081]		
<u>File Edit Group Options Order Tools Speci</u>	al <u>H</u> elp		
		T N?	
Form 1 Form 2			
Organization DEM BAAN Electr. Message Int. : ICM Inter Company Messages	Test Indicator Date Format None With Century M Without Century I 1 J	YYMMDD) (YYMMDD) ury (YYMMDD) Y ury (YYMMDD) Y	1 1
		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.

Version 1.1.a compared with Version 1.0.a

In comparision to version 1.0.a new positions has been added.

Please notice:

If you want to use this new version of the BEMIS schedule please install the solution of **DEFECT 79188-1**.

Changes:

SA2:

SA2.43 incoming: the value for the line feed location is now mapped to tdssc102.lnfd.

SA2.44 New Item Description out: from tiitm001.dsca; in: tdssc102.txta

SA2.45 New: Design revision number in. tdssc102.txta

SA2.46 New Shipping note time last receipt in: tdssc102.txta

SA2.47: SA2_END is moved from SA2.44 to SA2.47s

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

SA4:

SA4.13 in: now supported by import to tdssc103.dref (an..35)

SA4.16 The "RAN - / DON – Number " tdssc103.ican has been added. Thus it is now possible to import RAN Numbers.

SA4.17 The End of record sign "SA4_END" is moved from position 16 to position 17.

SA7:

SA7.10 New Quantity of the second last shipping note (receipt) out: tdpsc007.rqty in: tdssc102.txta

SA7.11 New Quantity of the third last shipping note (receipt) out: tdpsc007.rqty in: tdssc102.txta

SA7.12 SA7_END is moved from SA7.10 to SA7.12

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 – Schedule Header Data

Field number	Outgoing	Incoming
4 – change	The combination of tdpsc001.plnt and tdpsc001.delp will be mapped to tdpsc004.plnt	No change
37 – change	No change	Mapping to tdssc102.iccd instead of tdssc102.txta
47 – change	No change	Mapping to tdssc102.creq instead of tdssc102.txta
48 – change	No change	Mapping to tdssc102.dtbk instead of tdssc102.txta
49 – new	NA	Mapping to tdssc102.pups
50 – new	NA	Mapping to tdssc102.hdtf
51 – new	NA	Mapping to tdssc102.hdtt
52 – new	NA	Mapping to tdssc102.modl
53 – new	NA	Mapping to tdssc102.relt
54 – new	Data record end sign (old position was 49)	NA

Changes SA4 – Schedule Line Data

Field number	Outgoing	Incoming
10 – change	no change	Enhanced by new frequency 'Range of Weeks'
17 – new	4 in case of monthly requirement	tdssc102.nowk Number of weeks if frequncy type 'Range of Weeks'
18 – new	Data record end sign (old position was 17)	NA

Message	Туре	Schedule	Definition	of	BEMIS	2.0	Inhouse	Format
								1-11

Changes SA6 – Packaging Data

Field number	Outgoing	Incoming
6 – change	no change	Mapping to tdssc231.cpak instead of tdssc102.txta
7 – change	no change	Mapping to tdssc231.pack instead of tdssc102.txta
8 – change	no change	Mapping to tdssc231.cqty instead of tdssc102.txta
10 – new	SA	used as qualifier
11 - new	3 or 1	tdssc231.plvl
12 – new	Μ	tdssc231.ptyp
13 – new	NA	tdssc231.puqt
14 – new	tdpsc001.cuqp	tdssc231.cuqs
15 - new	NA	tdssc231.dsca
16 – new	NA	tdssc231.clra
17 – new	Data record end sign (old position was 10)	NA

Packaging information is not written to text anymore but into table tdssc231

Data record description by kind of data record

SA1 Schedule Overhead

Status:	Mandatory
	2

Frequency: Once by schedule

Description:

2

This data record contains informationen about the transmitter, the message type and the time of the transmission. Themessage reference identifies all related data records of this message.

SCHEDULE INHOUSE FORMAT			Mapping from Table Fields (Application out)	Mapping to Application Fields (in)			
Pos	FIELD DESCRIPTION	Key	ST	FM	Table Field	Action	Table Field	Action
1	Kind of data record	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		М	An17	tcedi028.neta	Conversion (see below)	tcedi702.reno	Conversion (see below)
4	Our identification in the network		М	An17	tcedi020.neta	Conversion (see below)		
5	Message		М	An6	tcedi001.code	Conversion (see below)	tcedi702.mess	Conversion (see below)
6	Organization		М	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		М	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	Kind of	f data record		(Key field out/i	n)		
Description:	This fie block. I	ld identifies the k t contains the fixe	ind of dat	a record in the m	essage		
Processing outgo	oing						
EDI subsystem:							
BAAN: This field is filled with the fixed value 'SA1'.							
Processing incoming							
EDI subsystem: This field is filled with the fixed value 'SA1'.							
BAAN:	None						
Position	2	Field format	an14	Field status	М		
Field name	Messag	e reference		(Key field out/i	n)		
Description:	This fie The nur helps to the com four cha serial nu	ld identifies all co mbering, which has control the chron uplete transmissio aracters, the curre umber with four c	onnected of as to be un nological of n. The fie nt date (for characters.	data records of or nique by schedule order of the sched ld consists of a fi prmat: YYMMDI	ie schedule. , lules and x item with D) and a		
	The spe the BAA reference reference storing specific	ecial format is def AN table tcedi020 ce with the EDI su ce needs to be spe the message refer	ined in the b. When g ubsystem, cific, that ence BAA	e network parame enerating the mess the created mess means unique. V AN controls whet	eters in ssage age Vhile her it is		
Processing outgo	oing						
EDI subsystem:							
BAAN:	BAAN the BAA data rec	generates this nu AN table field tce cords of a schedul	mber to id di701.ban e.	lentify a schedule to and writes it in	, stores it in to all		

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

Processing incoming

EDI subsystem:	The EDI subsyst schedule and wr	em generates this ites it into all data	number to identif records of a schee	ỳ a dule.	
BAAN:	Mapping to BAAN table field tcedi702.bano.				
Position	3 Field fo	ormat an17	Field status	М	
Field name	Network addres	ss customer / sup	plier (Key field o	ut/in)	
Description:	This field contai the supplier and the customer.	ns on the outgoing on the incoming s	g side the network side the network ac	address of ddress of	
Processing outgo	ng				
EDI subsystem:					
BAAN:	The network add 'Relations by ne partner (supplier table field tcedit mapped to the po	tress is stored in t twork' under the and the correspond 28.neta. The cont position of the trans	he BAAN table too corresponding bus onding network in cent of this field is smission file.	edi028 iness the BAAN	
Processing incor	ing				
EDI subsystem:					
BAAN:	The network add partner (custome 'Relations by ne BAAN table fiel	lress determines t r) and the networ twork'. This iden d tcedi702.reno.	he corresponding l k in the table tcedi tification is mappe	business i028 ed to the	
Position	4 Field fo	ormat an17	Field status	Μ	
Field name	Our ide	entification in th	e network		
Description:	This field contai identification in	ns on the outgoing the network.	g side the custome	r's	
Processing outgo	ng				
EDI subsystem:					
BAAN:	The department entered in the tal field tcedi028.ne	or employee code ble tcedi020 'Network ta is mapped to the	d in the used netw works'. The BAAN his position.	ork is N table	

Processing incon	ning							
EDI subsystem:	Transm	Transmission of the value from the message file.						
BAAN:	On the	incoming side thi	s field is i	gnored.				
Position	5	Field format	an6	Field status	М			
Field name		Message						
Description:	This fie concerr is LAB	This field contains the code for the identification of the concerned message. The code for the message type 'Schedule' is LAB-IO.						
Processing outgo	ing							
EDI subsystem:								
BAAN:	The int BAAN to this p	ernal message co table tcedi001 'S position.	de tcedi00 upported	1.code 'LAB-IC EDI messages'	D' of the is mapped			
Processing incon	ning							
EDI subsystem:	This fie	eld is filled with t	he fixed v	alue 'LAB-IO'.				
BAAN:	The me Messag connect 'EDI M session messag tcedi70	The message code in the table tcedi001 'Supported EDI Messages' determines, which internal message in BAAN is connected to this schedule. In the BAAN table tcedi005 'EDI Messages' is determined for every message which session (Dll) is used in BAAN to process the schedule. The message code is mapped to the BAAN table field tcedi702.mess.						
Position	6	Field format	an6	Field status	М			
Field name		Organization						
Description:	This fie for the	eld contains the or EDI communicat	rganization ion.	n (Standard), wl	nich is used			
Processing outgo	ing							
EDI subsystem:								
BAAN:	The int	ernal organisation	1 code tce	di003.code 'BE	MIS' from			

the BAAN table tcedi003 'Organizations' is mapped to this

Message Type Schedule Definition of BEMIS 2.0 Inhouse Format

position.

2-4

Processing incoming

EDI subsystem:	This field is filled with the fixed value 'BEMIS'.
BAAN:	Mapping to BAAN table field tcedi702.orga.
	The corresponding organization must be present in BAAN table tcedi003.
Position	7 Field format an35 Field status M
Field name	Order type
Description:	This field contains a code for the corresponding order type.
Processing outgo	ing
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 incom	ing
EDI subsystem:	This position is not filled at the moment.
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.
Position	8 Field format an20 Field status M
Field name	Transmission Reference
Description:	This field contains the reference code which the EDI subsystem applied to this transmission.
Processing outgo	ng
EDI subsystem:	Entry of the reference code for the transmission into the transmission file.
BAAN:	The position is filled with 0.
Processing incon	ing
EDI subsystem:	Transmission of the value from the transmission file.
BAAN:	Mapping to BAAN table field tcedi702.msno

Position	9	Field format	n8	Field status	Μ		
Field name		Date of transmission					
Description:	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 outgoing							
EDI subsystem:							
BAAN:	Mappin	g of the current of	date to the	position.			
Processing incom	ning						
EDI subsystem:	Entry of	f the arrival date	of the me	ssage at the EDI	subsystem.		
BAAN:	Mappin	g to BAAN table	e field tceo	di702.send			
Position	10	Field format	n4	Field status	Μ		
Field name		Time of transı	nission				
Description:	This fie schedul contains (format	ld contains on th e message was c s the arrival time : HHMM).	e outgoing reated. Or of the sch	g side the time, w a the incoming sid nedule at the EDI	when the de, the field subsystem		
Description: Processing outgo	This fie schedul contains (format:	ld contains on th e message was c s the arrival time : HHMM).	e outgoing reated. Or of the sch	g side the time, w a the incoming sid aedule at the EDI	when the de, the field subsystem		
Description: Processing outgo EDI subsystem:	This fie schedul contains (format: bing	ld contains on th e message was c s the arrival time : HHMM).	e outgoing reated. Or of the sch	g side the time, w the incoming side hedule at the EDI	when the de, the field subsystem		
Description: Processing outgo EDI subsystem: BAAN:	This fie schedul contains (format: bing Mappin	ld contains on th e message was c s the arrival time : HHMM). g of the current t	e outgoing reated. Or of the sch	g side the time, w a the incoming sid nedule at the EDI e position	vhen the de, the field subsystem		
Description: Processing outgo EDI subsystem: BAAN: Processing incor	This fie schedul contains (format) bing Mappin ning	ld contains on th e message was c s the arrival time : HHMM). g of the current t	e outgoing reated. Or of the sch	g side the time, w a the incoming sid nedule at the EDI	vhen the de, the field subsystem		
Description: Processing outgo EDI subsystem: BAAN: Processing incom EDI subsystem:	This fie schedul contains (format: oing Mappin ning Entry of	ld contains on th e message was c s the arrival time : HHMM). g of the current t f the arrival time	e outgoing reated. Or of the sch ime to the	g side the time, w a the incoming sid hedule at the EDI e position	when the de, the field subsystem subsystem.		

Position	11	Field format	an20	Field status	Μ					
Field name		Transmission	reference	old						
Description:	This fie subsyst	This field contains the reference number, which the EDI subsystem applied to the previous transmission.								
Processing outgoing										
EDI subsystem:	Entry o transmi	Entry of the reference code for the previous transmission into transmission file.								
BAAN:	The pos	The position is filled with 0.								
Processing incoming										
EDI subsystem:	Transmission of the value from the transmission file.									
BAAN:	Mappir	Mapping to BAAN table field tcedi702.prno								
Position	12	Field format	an7	Field status	Μ					
Field name		Data record er	nd sign							
Description:	This fie fixed va	eld indicates the ealue 'SA1_END'	end of the o	lata record. It co	ontains the					
Processing outgo	oing									
EDI subsystem:										
BAAN:	This fie	eld is filled with t	the fixed va	alue 'SA1_ENE)'.					
Processing incom	ning									
EDI subsystem:	This fie	eld is filled with t	he fixed va	alue 'SA1_ENE)'.					
BAAN:	None									

SA2 Schedule Header

Status :	Mandatory
Frequency:	Once by customer / supplier and item data
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 nextdata record of the type SA2 refer to the same item number.

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	Kind of data record	O/I	М	an3	SA2		SA2		
2	Message reference	O/I	М	an14	tcedi701.bano		tcedi702.bano		
3	Supplier code (out) Network address customer (in)	0	М	an6	tdpsc002.suno			Conversion (see below)	
		I	М	an17			tdssc102.cuno		
4	Key field delivery address	O/I	М	an20	tdpsc004.plnt (filled with tdpsc001.plnt & " " & tdpsc001.delp)		tdssc102.cdel	Generation by EDI subsystem Conversion based on qualifier in pos. 6 and 7 (see below)	
5	Customer's item number	O/I	М	an35	tdpsc002.item		tdssc102.item	Conversion based on qualifier in pos. 8 (see below)	
6	Qualifier address code		М	an2	DP		DP		
7	Qualifier address type		М	an2	ZZ		ZZ		
8	Qualifier item number		М	an2	SA		SA		
9	Consignee/Plant number customer		М	an35	tdpsc001.plnt		tdssc102.plnt	Key for search of contract	
10	Schedule number new		М	n9	tdpsc002.schn		tdssc102.scnn	an9	
11	Schedule date new		М	n8	tdpsc002.isdt		tdssc102.isdt		
12	Schedule number old		М	n9 an9	tdpsc005.schn		tdssc102.scno		
13	Schedule date old		М	n8	tdpsc005.isdt		tdssc102.scdo		
14	Customer's item number		М	an35	tdpsc002.item		tdssc102.cpno	Key for search of contract.	
15	Supplier's item number		С	an35	tdpsc002.cpno		tdssc102.txta		
16	Suppier's customer number		М	an35	tccom020.ocus		tdssc102.txta		

SCHEDULE INHOUSE FORMAT					Mapping from Application Tal Fields (out)	ble	Mapping to Application Fields (in)		
Pos	FIELD DESCRIPTION	Кеу	ST	FM	Table Field	Action	Table Field	Action	
17	Order number		М	an17	tdpsc029.cono		tdssc102.cono		
18	Contract number		М	n6	tdpsc002.cont		tdssc102.txta		
19	Contract position number		Μ	n2	tdpsc002.pono		tdssc102.txta		
20	Final delivery point		М	an32	tdpsc001.delp		tdssc102.delp		
21	Department or employee coded		Μ	an4	tdpsc001.fupc		tdssc102.fupc		
22	Measure unit		Μ	an3	tdpsc001.cuqp		tdssc102.txta	Conversion (see below)	
23	Weight		М	n10	tiitm001.wght		tdssc102.txta		
24	Receiving pattern		М	an2	tdpsc001.ship		tdssc102.ship		
25	Fabrication authorization period		С	n2	tdpsc001.nfab		tdssc102.txta		
26	Raw material authorization period		С	n2	tdpsc001.nraw		tdssc102.txta		
27	Authorization frequency		М	n1	tdpsc001.athi	Check of value range	tdssc151.athi	Check of value range	
28	Item status code/use code		С	an1	tdpsc001.appc	Check of value range	tdssc102.appc	Check of value range	
29	Additional destination of the customer's consignee (coded)		С	an14	tdpsc001.cwar		tdssc102.cdoc		
30	Last transaction date (recording date shipping note)		С	n8	tdpsc001.lded		tdssc102.dtbk		
31	Shipping note number last receipt		С	an9	tdpsc007.dino		tdssc102.ides		
32	Shipping note date last receipt		С	n8	tdpsc007.didt		tdssc102.ldat		
33	Shipping note quantity last receipt		С	n9	tdpsc001.ldeq		tdssc102.rcqt		
34	Schedule date type		М	an1	tdpsc001.deco	Check of value range	tdssc102.tdat	Check of value range	

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
35	Date of annual reset (cums)		М	n8	tdpsc001.rdat		tdssc102.rdat	
36	Actual cumulative quantity		М	n10	tdpsc002.recq		tdssc102.intc	
37	Additional supplier		С	an40	("")		tdssc102.iccd	
38	Additional item number		С	an40	("")	Not used at the moment	tdssc102.txta	
39	Time fence		С	an40	("")	Not used at the moment	tdssc102.iedi(1)	
40	Cum before annual reset		С	n10	tdpsc001.cbar		tdssc102.iedi(2)	
41	Backorder quantity		С	n10	tdpsc002.back		tdssc102.back	
42	Over delivery		С	n10	tdpsc002.over		tdssc102.over	
43	Line feed location		С	an14	tdpsc001.Infd		tdssc102.txta tdssc102.lnfd	
44	Item Description		С	an30	tiitm001.dsca		tdssc102.txta	
45	Design Revision Number		С	an20	("")		tdssc102.txta	
46	Shipping note time last receipt		С	n4	empty (;;)		tdssc102.txta	
47	Cumulated quantity required (MGO)		С	n12	empty (;;)		tdssc102.creq	
48	Date of cumulated quantity required (MGO)		С	n8	empty (;;)		tdssc102.dtbk	
49	Purpose		С	an1	empty (;;)		tdssc102.pups	
50	Horizon Start Date		С	n8	empty (;;)		tdssc102.hdtf	
51	Horizon End Date		С	n8	empty (;;)		tdssc102.hdtt	
52	Model Year		С	n4	empty (;;)		tdssc102.modl	
53	Release type		С	an1	empty (;;)		tdssc102.relt	
54	Data record end sign		М	an7	SA2_END		SA2_END	

Detailed description

Position	1	Field format	an3	Field status	М					
Field name		Kind of data ree	cord	(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 field is filled with the fixed value 'SA2'.									
Processing incon	ning									
EDI subsystem: This field is filled with the fixed value 'SA2'.										
BAAN:										
Position	2	Field format	an14	Field status	Μ					
Field name		Message referen	ice	(Key field out/in))					
Description:	tion: This field identifies all connected data records of one schedule. The numbering of the message reference, which has to be unique by schedule, helps to control the chronological order of the schedules and the complete transmission.									
Processing outgo	ing									
EDI subsystem:										
BAAN:	Refer to	data record SA1.								
Processing outgo	ing									
EDI subsystem:	Refer to	data record SA1.								
BAAN:										
Position	3 out	Field format	an6	Field status	Μ					
Field name		Supplier code		(Key field out)						
Description:	This fiel custome	ld contains the ide er side.	entificatio	on code of the supp	lier on the					
Processing outgo	ing									

EDI subsystem:

BAAN:	Mapping of BAAN table field tdpsc002.suno to position.								
Position	3 in	Field format	an17	Field status	Μ				
Field name	Netwo	Network address customer (Key field in)							
Description:	This field contains the network address of the customer.								
Processing incoming									
EDI subsystem:	Transmission of the value from the message file.								
BAAN:	The network address determines in the table tcedi028 'Relations by network' the corresponding business partner and network. The business partner identification is mapped to the BAAN table field tcedi702.reno.								
Position	4	Field format	an20	Field status	Μ				
Field name	Key fie	eld delivery addr	·ess	(Key field out/	in)				
Description:	This field contains the key for the delivery address of the customer. The field consists of the <i>Plant</i> Code and the Code used for the <i>Final delivery point</i> . This position contains at maximum 20 characters.								
	custom used fo maxim	er. The field cons r the <i>Final delive</i> um 20 characters	sists of the <i>ry point</i> . T	<i>Plant</i> Code and This position con	the Code tains at				
Processing outgo	custom used fo maxim	er. The field cons r the <i>Final delive</i> um 20 characters.	sists of the <i>ry point</i> . T	<i>Plant</i> Code and his position con	the Code tains at				

BAAN:	Mapping of tdpsc004.plnt to position.
	BAAN generates this key on the basis of the data in
	tdpsc001.plnt and tdpsc001.delp. The length of this position is
	not fix. At first the BAAN System writes the data of
	tdpsc001.plnt to the position followed by a blank. After that the
	data of tdpsc001.delp is added.

Example for possible formats of this position:

	Position																		
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	

Blank

unused Position

Result in the message:

Result in the mea	ssage.								
	;"PPP DDDDDD";								
	;"PPPPPP DDDDDDI	DDDDD";							
	P means code for plant	D mean	s code for delive	ry point					
	Mapping of the generate	d value to	position.						
Processing incon	ning								
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 format of this position should be the same as above.								
BAAN:	The conversion tables for BAAN table tcedi310 ur Organization from data from data record SA2. T generated Key field deliv BAAN table and mapped Tdssc102.cdel.	The conversion tables for the address codes can be found in the BAAN table tcedi310 under the business partner and the <i>Organization</i> from data record SA1 and the <i>Address code-ID</i> from data record SA2. The BAAN internal address code of the generated <i>Key field delivery address</i> is determined in this BAAN table and mapped to the BAAN table field Tdssc102.cdel.							
Position	5 Field format	an35	Field status	М					
Field name	Customer's item numb	er	(Key field out/i	in)					
Description:	This field contains the id applies to the required it	lentificatio em.	on which the cust	omer					
Processing outgo	oing								
EDI subsystem:									
BAAN:	Mapping of BAAN field	Tdpsc002	2.item to position	l					
Processing incon	ning								
EDI subsystem:									
BAAN:	The conversion tables for the item numbers can be found in the BAAN table tcedi306 under the business partner and the <i>Organization</i> from data record SA1 and the <i>Item group-ID</i> from data record SA2. The BAAN internal item number of the transmitted <i>Customer's item number</i> is determined in this BAAN table and mapped to the BAAN table field								

Message Type Schedule Definition of BEMIS 2.0 Inhouse Format 2-14

Tdssc102.item.

Position	6	Field format	an2	Field status	Μ					
Field name	Field nameQualifier address code									
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 incor	Processing incoming									
EDI subsystem:	This field is filled with the fixed value 'DP'.									
BAAN:	The qualifier must be present in 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	Μ					
Field name		Qualifier addr	ess type							
Description:	This fie determi This po	ld contains the q ne the delivery a sition must be fil	ualifier ac ddress fro lled with t	ldress type which om the value in po the fixed value 'Z	is used to osition 4. Z'.					
Processing outgo	oing									
EDI subsystem:										
BAAN:	This fie	ld is filled with t	he fixed v	alue 'ZZ'.						
Processing incor	ning									
EDI subsystem:	This fie	ld is filled with t	the fixed v	alue 'ZZ'.						
BAAN:	The qua tcedi22 the BA from th	The qualifier must be present in 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	М						
Field name	d name Qualifier item number										
Description:	This fie determi in positi value 'S	This field contains the qualifier item number 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 outgoing											
EDI subsystem:											
BAAN:	This field is filled with the fixed value 'SA'.										
Processing incoming											
EDI subsystem:	This field is filled with the fixed value 'SA'.										
BAAN:	The qualifier must be present in 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	an.35	Field status	Μ						
Field name		Plant number	customen	•							
Description:	This fie goods h	ld contains the contains the contains the contains the deliver	ode of the red.	customer plant t	to which the						
Processing outgo	oing										
EDI subsystem:											
BAAN:	Mappin	g of BAAN field	l Tdpsc00	1.plnt to position	1.						
Processing incor	ning										
EDI subsystem:	The ED <i>delivery</i>	I subsystem uses <i>address</i> .	s this field	to generate the	Key field						
	Transm	ission of the valu	e from th	e transmission fi	le.						
BAAN:	Mappin	g to BAAN table	e field tds	sc102.plnt							

Position	10	Field format	an9	Field status	Μ				
Field name	Schedule number new								
Description:	The customer applies a new number to each schedule, to be able to identify them. This number is entered in this field.								
Processing outgoing									
EDI subsystem:									
BAAN:	Mapping of BAAN table field tdpsc002.scnn to position.								
Processing incoming									
EDI subsystem:	Transmission of the value from the transmission file.								
BAAN:	Mapping to BAAN table field tdssc102.scnn.								
Position	11	Field format	n8	Field status	Μ				
Field name	Schedule date new								
Description:	This field contains the date when the schedule was created by the customer (format: YYYYMMDD).								
Processing outgoing									
BAAN:									
EDI subsystem:	Mapping of BAAN table field tdpsc002.isdt to position.								
Processing incoming									
BAAN:	Transm	ission of the valu	e from the	e transmission fi	le.				

EDI subsystem: Mapping to BAAN table field tdssc102.isdt

Position	12	Field format	an9	Field status	Μ				
Field name	Schedule number old								
Description:	This field contains the number of the previous schedule for this item number.								
	The supplier can check the completeness of the schedule data by item number, because the customer transmits the old and the new schedule number.								
Processing outgoing									
EDI subsystem:									
BAAN:	Mapping of BAAN table field tdpsc005.scnn to position.								
Processing incoming									
EDI subsystem:	Transmission of the value from the transmission file.								
BAAN:	Mapping to BAAN table field tdssc102.scno								
Position	13	Field format	n8	Field status	Μ				
Field name		Schedule date	old						
Description:	This field contains the date when the previous schedule was generated by the customer (format: YYYYMMDD).								
Processing outgoing									
BAAN:									
EDI subsystem:	Mapping of BAAN table field tdpsc005.isdt to position.								
Processing incoming									
BAAN:	Transmission of the value from the transmission file.								
EDI subsystem:	Mapping to BAAN table field tdssc102.scdo								
Position	14	Field format	an35	Field status	Μ				
------------------	---	--	-------------	------------------	---------------	--	--		
Field name	name Customer's item number								
Description:	This fiel applies t	This field contains the identification which the customer applies to the required item.							
Processing outgo	ing								
EDI subsystem:									
BAAN:	Mapping	g of BAAN table	field tdps	c002.item to pos	sition.				
Processing incon	ning								
EDI subsystem:	Transmi	ssion of the value	e from the	transmission fil	e.				
BAAN:	Mapping	g to BAAN table	field tdss	c102.cpno					
Position	15	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 outgo	ing								
EDI subsystem:									
BAAN:	Mapping	g of BAAN table	field tdps	c002.cpno to pos	sition.				
Processing incon	ning								
EDI subsystem:	Transmi	ssion of the value	e from the	transmission fil	e.				
BAAN:	Mapping	g to BAAN table	field tdss	e102.txta					
Position	16	Field format	an35	Field status	Μ				
Field name		Supplier's cust	omer nun	nber					
Description:	This fiel to the cu	d contains the idensity of the idensity of the second seco	entificatio	n which the supp	olier applied				
Processing outgo	ing								
EDI subsystem:									
BAAN:	Mapping	g of BAAN table	field tcco	m020.ocus to po	osition.				

Processing incon	ing					
EDI subsystem:						
BAAN:	Mapping to BAAN table field tdssc102.txta.					
Position	17 Field format an17 Field status C]				
Field name	Customer order number					
Description:	This field contains the identification which the customer applies to an oder or to a contract.					
Processing outgo	ng					
EDI subsystem:						
BAAN:	AN: Mapping of BAAN table field tdpsc002.cono to position.					
Processing incon	Processing incoming					
EDI subsystem:	Transmission of the value from the transmission file.					
BAAN:	Mapping to BAAN table field tdssc102.cono					
Position	18 Field format an6 Field status M]				
Field name	Contract number					
Description:	This field contains the unique identification of the basic delivery contract on the customer side.	_				
Processing outgo	ng					
EDI subsystem:	None					
BAAN:	Mapping of BAAN table field tdpsc002.cont to position.					
Processing incon	ing					
EDI subsystem:	Transmission of the value from the transmission file.					
BAAN:	Mapping to BAAN table field tdssc102.txta.					

Position	19	Field format	n2	Field status	Μ		
Field name	eld name Contract position number						
Description:	The fiel contract	The field contains the position number for the contract.					
Processing outgo	oing						
EDI subsystem:							
BAAN:	Mapping of BAAN table field tdpsc002.pono to position.						
Processing incom	Processing incoming						
EDI subsystem:	osystem: Transmission of the value from the transmission file.						
BAAN:	Mapping to BAAN table field tdssc102.txta.						
Position	20	Field format	an32	Field status	Μ		
Field name		Final delivery	point				
Description:	This fie at the p delivered	eld contains the culture of the custon ed.	ustomer ke ner, to wh	ey for the final d ich the goods are	elivery point e to be		
Processing outgo	oing						
EDI subsystem:							
BAAN:	Mappir	ng of BAAN table	e field tdps	sc001.delp to pos	sition.		
Processing incom	ning						
EDI subsystem:	The ED delivery	I subsystem uses v address.	this field	to generate the k	key field		
	Transm	ission of the valu	e from the	e transmission fi	le.		
BAAN:	Mappin	ng to BAAN table	e field tdss	c102.delp.			

Position	21	Field format	an4	Field status	Μ	
Field name		Department o	or employ	ee coded		
Description:	This fiel basic de	d contains the f livery contract.	follow up o	code of the custo	mer from the	
Processing outgo	oing					
EDI subsystem:	None					
BAAN:	Mapping of BAAN table field tdpsc001.fucp to position.					
Processing incor	ng incoming					
EDI subsystem:	Transmi	ssion of the val	ue from th	e transmission f	ile.	
BAAN:	Mapping	g to BAAN-tabl	le field tds	sc102.fupc		
Position	22	Field format	an3	Field status	Μ	
Field name		Measure unit				
Description:	This fiel quantity Standard Millime Centime Meter Kilomet Square r Square r Square r Cubic m Cubic ce Cubic m Liter Gram Kilogram Metric to Piece	d contains the e . The coding wa d ODDC 25: ter MMT ter CMT er KMT nillimeterMMk eentimeterCMK neter MTK illimeter MMC entimeter CMO eter MTQ DMQ GRM n KGM on TON PCE	encoded m as carried (easure of the shi out on the basis o	pped of ODETTE-	

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

Processing outgo	bing			
EDI subsystem:				
BAAN:	Mapping of BAAN table field tdpsc001.cuqp to position. Used code and conversion table: Tcedi442			
Processing incoming				
EDI subsystem:	The EDI subsystem converts the transmitted values into the above mentioned values.			
BAAN:	Mapping to BAAN table field tdssc102.txta. Used code and conversion table: Tcedi304			
Position	23 Field format n9 Field status C			
Field name	Weight			
Description:	This field contains the weight of the item in kilogram by above mentioned unit of measurement.			
Processing outgo	bing			
EDI subsystem:				
BAAN:	Mapping of BAAN table field tiitm001.wght to position.			
Processing incor	ning			
EDI subsystem:	Transmission of the value from the transmission file.			
BAAN:	Mapping to BAAN table field tdssc102.txta			
Position	24 Field format an2 Field status M			
Field name	Receiving pattern			
Description:	This field contains the code for the receiving pattern type of the basic delivery contract. When a schedule has to be generated according to VDA-Standard, the definition of the receiving pattern has to be entered into the table tcmcs074 (Maintain Receiving Pattern Description) as follows: L = according to schedule date (Gemäß Abrufdatum) T = on a daily basis (täglich) W = on a weekly basis (wöchentlich) M = on a monthly basis (monatlich)or table of the customer (Tabelle der Kunden)			

Message Type Schedule Definition	of BEMIS 2.	0 Inhouse Format
		2-23

Processing outgo	bing					
EDI subsystem:						
BAAN:	Mapping BAAN-Feld tdpsc001.ship to position.					
Processing incoming						
EDI subsystem:	Transmission of the value from the transmission file.					
BAAN:	Mapping to BAAN table field tdssc002.ship.					
Position	25 Field format n2 Field status C					
Field name	Fabrication authorization period					
Description:	This field contains the number of months to determine the last date of the fabrication authorization period starting with the arrival date of the schedule.					
Processing outgo	bing					
EDI subsystem:						
BAAN:	Mapping BAAN-Feld tdpsc001.nfab to position.					
Processing incor	ning					
EDI subsystem:	Transmission of the value from the transmission file.					
BAAN:	Mapping to BAAN table field tdssc102.txta					
Position	26 Field format n2 Field status C					
Field name	Raw material authorization period					
Description:	This field contains the number of periods to determine the last date of the raw material authorization period starting with the arrival date of the schedule.					
Processing outgo	bing					
EDI subsystem:						
BAAN:	Mapping BAAN-Feld tdpsc001.nraw to position.					
Processing incor	Processing incoming					
EDI subsystem:	Transmission of the value from the transmission file.					

Message	Туре	Schedule	Definition	of I	BEMIS	2.0	Inhouse	Format
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Position	27 Field	format	n1	Field st	atus	Μ
Field name	Auth	orization	frequenc	y		
Description:	This field cont in which the so	ains encoc chedule au	led inform thorizatio	nation abo n are trar	out the smitted	time unit I.
	Valid values: days 1 weeks 2 months 3					
Processing outgo	ing					
BAAN:	Mapping of B.	AAN table	field tdps	sc001.ath	i to pos	ition.
EDI subsystem:						
Processing incom	ning					
EDI subsystem:	Transmission	of the valu	e from the	e transmi	ssion fi	le.
BAAN:	Mapping to BAAN table field tdssc151.athi.					
Position	28 Field	format	an1	Field st	atus	С
Field name	Item	status cod	le/use cod	le		
Description:	This field cont	ains the er	ncoded ite	m status	code/us	e code for
	the required ite 4905 have to b	em. The va e used:	lues of th	e VDA r	ecomm	endation
	the required ite 4905 have to b No information	em. The ve be used: n (<i>Keine A</i>	lues of th ngaben)	e VDA r	Blank	endation
	the required its 4905 have to b No information Series (<i>Serie</i>)	em. The va be used: n (<i>Keine A</i>	llues of th ngaben)	e VDA r	Blank S	
	the required its 4905 have to b No information Series (<i>Serie</i>) Substitute (<i>Ers</i> Series and sub-	em. The va be used: n (<i>Keine A</i> satz allgen	nlues of th ngaben) nein)	e VDA r	Blank S E	
	the required its 4905 have to b No information Series (<i>Serie</i>) Substitute (<i>Ers</i> Series and sub Trial (<i>Versuch</i>	em. The va be used: n (<i>Keine A</i> satz allgen stitute (<i>Ser</i>	alues of th ngaben) nein) rie und Er	e VDA r	Blank S E U V	
	the required its 4905 have to b No information Series (<i>Serie</i>) Substitute (<i>Ers</i> Series and sub Trial (<i>Versuch</i> Pilot (<i>Pilot</i>)	em. The va be used: n (<i>Keine A</i> satz allgen stitute (<i>Sei</i>)	ulues of th ngaben) nein) rie und Er	e VDA r	Blank S E U V P	
	the required ite 4905 have to b No information Series (<i>Serie</i>) Substitute (<i>Ers</i> Series and sub Trial (<i>Versuch</i> Pilot (<i>Pilot</i>) Additional req	em. The va be used: n (<i>Keine A</i> satz allgen stitute (<i>Sei</i>) uirement (ulues of th ngaben) nein) rie und Er Zusatzbea	e VDA r satz) larf)	Blank S E U V P Z	
	the required its 4905 have to b No information Series (<i>Serie</i>) Substitute (<i>Ers</i> Series and sub Trial (<i>Versuch</i> Pilot (<i>Pilot</i>) Additional req First sample (<i>I</i>	em. The va be used: n (<i>Keine A</i> satz allgen stitute (<i>Ser</i>) uirement (Erstmuster	ngaben) ngaben) nein) rie und Er Zusatzbec)	e VDA r rsatz) larf)	Blank S E U V P Z M	
	the required its 4905 have to b No information Series (<i>Serie</i>) Substitute (<i>Ers</i> Series and sub Trial (<i>Versuch</i> Pilot (<i>Pilot</i>) Additional req First sample (<i>Muste</i>	em. The va we used: In (Keine A satz allgen stitute (Sen) uirement (Erstmuster er)	alues of th ngaben) nein) rie und Er Zusatzbec)	e VDA r satz) larf)	Blank S E U V P Z M Y	
	the required its 4905 have to b No information Series (<i>Serie</i>) Substitute (<i>Ers</i> Series and sub Trial (<i>Versuch</i> Pilot (<i>Pilot</i>) Additional req First sample (<i>Muste</i> Other (<i>Sonstig</i>)	em. The va we used: n (<i>Keine A</i> satz allgen stitute (<i>Sei</i>) uirement (<i>Erstmuster</i> e)	llues of th ngaben) nein) rie und Er Zusatzbea)	e VDA r rsatz) larf)	Blank S E U V P Z M Y X	
Processing outgo	the required ite 4905 have to b No information Series (<i>Serie</i>) Substitute (<i>Ers</i> Series and sub Trial (<i>Versuch</i> Pilot (<i>Pilot</i>) Additional req First sample (<i>Muste</i> Other (<i>Sonstig</i>) ing	em. The va be used: n (<i>Keine A</i> satz allgen stitute (<i>Set</i>) uirement (<i>Erstmuster</i> er) e)	alues of th ngaben) nein) rie und Er Zusatzbea)	e VDA r satz) larf)	Blank S E U V P Z M Y X	
Processing outgo BAAN:	the required its 4905 have to b No information Series (<i>Serie</i>) Substitute (<i>Ers</i> Series and sub Trial (<i>Versuch</i> Pilot (<i>Pilot</i>) Additional req First sample (<i>I</i> Sample (<i>Muste</i> Other (<i>Sonstig</i>) ing Mapping of B.	em. The va we used: In (<i>Keine A</i> satz allgen stitute (<i>Ser</i>) uirement (<i>Erstmuster</i> er) e) AAN table	alues of th ngaben) nein) rie und Er Zusatzbed)	e VDA r satz) darf) sc001.apj	Blank S E U V P Z M Y X	sition.

Processing incoming

EDI subsystem:	Transmission of the value from the transmission file. Using the ODETTE-Standard you might need to convert the values.						
BAAN:	Mappir	Mapping to BAAN table field tdssc102.appc.					
Position	29	Field format	an14	Field status	С		
Field name	Additi	Additional destination of the customer's consignee (coded)					
Description:	This field contains the storage location of the customer as additional information for the <i>final delivery point</i> .						
Processing outgo	oing						
EDI subsystem:							
BAAN:	BAAN: Mapping of BAAN table field tdpsc001.cwar to position.						
Processing incoming							
EDI subsystem:	Transmission of the value from the transmission file.						
DAAN	Mapping to BAAN table field tdssc102.cdoc						
DAAN.	Mappir	ig to BAAN table	e neia tass	c102.cdoc			
Position	30	Field format	n8	Field status	С		
Position Field name	30	Field format	n8	Field status	С		
Position Field name Description:	30 The curtaken the YYYY	Field format Last transaction stomer has booke hem into account MMDD).	n8 on date d all delive in his disp	Field status eries up to this d	C late and		
Position Field name Description: Processing outgo	30 The custaken the YYYY	Field format Last transaction stomer has booke hem into account MMDD).	n8 on date d all delive in his disp	Field status eries up to this d	C late and		
Position Field name Description: Processing outgo EDI subsystem:	The current taken the YYYY	Field format Last transactions stomer has booke hem into account MMDD).	n8 on date d all delivinin his disp	Field status eries up to this d osition (format:	C late and		
Position Field name Description: Processing outgo EDI subsystem: BAAN:	Mappin 30 The current taken the taken taken the taken taken the taken taken the taken	Field format Last transactions stomer has booke mem into account MMDD). mg of BAAN table	n8 on date d all deliv in his disp	Field status Field status eries up to this d position (format: sc001.lded to po	C late and sition.		
Position Field name Description: Processing outgo EDI subsystem: BAAN: Processing incor	Mappin 30 The current taken the t	Field format Last transactions stomer has booke mem into account MMDD). ng of BAAN table	n8 on date d all deliv. in his disp	Field status Field status eries up to this d osition (format:	C late and sition.		
Position Field name Description: Processing outgo EDI subsystem: BAAN: Processing incom EDI subsystem:	Mappin 30 The current taken the taken the YYYY bing Mappin ming Transm	Field format Field format Last transaction stomer has booke mem into account MMDD). MMDD).	n8 on date d all delive in his disp e field tdps	Field status Field status eries up to this d osition (format: sec001.lded to po	C late and sition. le.		

Position	31	Field format	an9	Field status	С			
Field name		Shipping note number last receipt						
Description:	This fie deliver	This field contains the shipping note number of the last delivery that is received and booked at customer's plant.						
Processing outgo	oing							
EDI subsystem:								
BAAN:	Mappir	Mapping of BAAN table field tdpsc007.dino to position.						
Processing incom	ning							
EDI subsystem:	Transm	nission of the valu	ue from th	e transmission fi	le.			
BAAN:	Mappir	ng to BAAN table	e field tdss	sc102.ides				
Position	32	Field format	n8	Field status	С			
Field name		Shipping note	date last	receipt				
Description:	This field contains the shipping note date of the last delivery that is received and booked at customer's plant. (format: YYYYMMDD).							
Processing outgo	oing							
EDI subsystem:								
BAAN:	Mappir	ng of BAAN table	e field tdp	sc007.didt to pos	sition.			
Processing incoming								
EDI subsystem:	EDI subsystem: Transmission of the value from the transmission file.							
BAAN:	Mapping to BAAN table field tdssc102.ldat							
Position	33	Field format	n9	Field status	С			
Field name		Shipping note	quantity	last receipt				
Description:	This fie deliver	eld contains the signal that is received	hipping no and book	ote quantity of th ed at customer's	e last plant.			
Processing outgo	oing							
EDI subsystem:								
BAAN:	Mappir	ng of BAAN table	e field tdp	sc001.ldeq to po	sition.			

Processing incoming

EDI subsystem:	Transmission	n of the value	from the	transmission file.
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BAAN∙	Mapping to BAAN table field tdssc102 rcc	ıt
\mathbf{D}	mapping to Drift tuble field tubse 102.1ee	1

Position	34	Field format	an1	Field status	Μ	
Field name		Schedule date	e type			
Description:	This fiel in the sc	d contains the hedule data (da	identification ta record S	on of the <i>Schedu</i> SA4). Valid value	<i>le date type</i> es:	
	1 = de	elivery At th deliv	is date the sered at the	required quantity customer's plant	has to be	
	2 = pick-up At this date the required quantity has to be ready for pick-up at the supplier's plant.					
Processing outgo	ing					
EDI subsystem:						
BAAN:	Mapping Used co	g of BAAN tab de and convers	le field tdp ion table: to	sc001.deco to po cedi484	osition.	
Processing incon	ning					
EDI subsystem:	The ED the trans default s	The EDI subsystem sets the value on the basis of the data in the transmission file. If no value is transmitted, the system by default sets the value '1'.				
BAAN:	Mapping conversi	g to BAAN tab on table: Tced	le field tdss 485.	sc102.tdat. Used	code and	
Position	35	Field format	n8	Field status	Μ	
Field name		Date of annua	al reset (cu	ıms)		
Description:	This fiel was set	d contains the to zero the last	date when t time (form	the cumulative o at: YYYYMMD	f the item D).	
Processing outgo	ing					
EDI subsystem:						
BAAN:	Mapping	g of BAAN tab	le field tdp	sc001.rdat to pos	sition.	
Processing incon	ning					
EDI subsystem:	Transmi	ssion of the val	ue from th	e transmission fi	le.	
BAAN:	Mapping	g to BAAN tab	le field tdss	sc102.rdat		

Position	36	Field format	n10	Field status	Μ	
Field name		Actual cumula	tive quan	tity		
Description:	This field indicates the actual cumulative quantity for this item, which contains all booked deliveries from the last <i>date of annual reset (cums)</i> up to the date of the current schedule calculation.					
Processing outgo	oing					
EDI subsystem:						
BAAN:	Mappin	g of BAAN table	field tdps	sc002.recq to pos	sition.	
Processing incom	ning					
EDI subsystem:	Transm	ission of the valu	e from the	e transmission fil	le.	
BAAN:	Mappin	g to BAAN table	field tdss	c102.intc		
Position	37	Field format	an40	Field status	С	
Field name		Additional sup	plier			
Description:	This fiel applied	ld contains the id to the additional	entificatio supplier.	on which the cus	tomer	
Processing outgo	oing					
EDI subsystem:						
BAAN:	This pos	sition will not be	filled.			
Processing incom	ning					
EDI subsystem:	Transm	ission of the valu	e from the	e transmission fil	le.	
BAAN:	Mappin	g to BAAN table	field tdss	c102.iccd		
Position	38	Field format	an40	Field status	С	
Field name		Additional iten	n number			
Description:	This fiel custome	ld contains an ade er applied to the i	ditional ite tem.	em number whic	h the	
Processing outgo	oing					
EDI subsystem:						
BAAN:	This po	sition is not used.				

Processing incoming

EDI subsystem:	Transmission of the value from the transmission file.				
BAAN:	Mapping	g to BAAN table	field tdss	c102.txta	
Position	39	Field format	an40	Field status	С
Field name		Time fence			
Description:	This fiel (format:	d contains the en YYYYMMDD)	d date for	the time fence	of this item
Processing outgo	oing				
EDI subsystem:					
BAAN:	This fiel	d is not used at th	he momer	nt.	
Processing incom	ning				
EDI subsystem:	Transmi	ssion of the value	e from the	e transmission fi	ile.
	Mapping to BAAN table field tdssc102.iedi(1)				
BAAN:	Mapping	g to BAAN table	field tdss	c102.iedi(1)	
BAAN: Position	Mapping 40	g to BAAN table Field format	field tdss n10	c102.iedi(1) Field status	С
BAAN: Position Field name	Mapping 40	g to BAAN table Field format Cum before an	field tdss n10 nual rese	c102.iedi(1) Field status t	С
BAAN: Position Field name Description:	40 This fiel prior to	g to BAAN table Field format Cum before an d contains the ac the last reset to ze	field tdss n10 nual rese tual cumu ero.	c102.iedi(1) Field status t ilative quantity	C for this item
BAAN: Position Field name Description: Processing outgo	Mapping 40 This fiel prior to bing	g to BAAN table Field format Cum before an d contains the ac the last reset to ze	field tdss n10 nual rese tual cumu ero.	c102.iedi(1) Field status t Ilative quantity	C for this item
BAAN: Position Field name Description: Processing outgo EDI subsystem:	Mapping 40 This fiel prior to bing	g to BAAN table Field format Cum before an Id contains the ac the last reset to ze	field tdss n10 nual rese tual cumu ero.	c102.iedi(1) Field status t ilative quantity	C for this item
BAAN: Position Field name Description: Processing outgo EDI subsystem: BAAN:	Mapping 40 This fiel prior to bing Mapping	g to BAAN table Field format Cum before an d contains the ac the last reset to ze g of BAAN table	field tdss n10 nual rese tual cumu ero. field tdps	c102.iedi(1) Field status t ilative quantity sc001.cbar to po	C for this item
BAAN: Position Field name Description: Processing outgo EDI subsystem: BAAN: Processing incom	Mapping 40 This fiel prior to bing Mapping ning	g to BAAN table Field format Cum before an d contains the ac the last reset to ze g of BAAN table	field tdss n10 nual rese tual cumu ero. field tdps	c102.iedi(1) Field status t ilative quantity sc001.cbar to po	C for this item
BAAN: Position Field name Description: Processing outgo EDI subsystem: BAAN: Processing incom EDI subsystem:	Mapping 40 This fiel prior to bing Mapping ning Transmi	g to BAAN table Field format Cum before an Id contains the ac the last reset to ze g of BAAN table ssion of the value	field tdss n10 nual rese tual cumu ero. field tdps e from the	c102.iedi(1) Field status t lative quantity sc001.cbar to po	C for this item osition.

Position	41	Field format	n10	Field status	С		
Field name		Backorder qua	antity				
Description:	This fie with th	This field contains the backorder demand, which is transmitted with this schedule.					
Processing outgo	oing						
EDI subsystem:							
BAAN:	Mappir	ng of BAAN table	e field tdss	sc102.back to po	sition.		
Processing incon	ning						
EDI subsystem:	If the transmission file contains a demand position with backorder flag (VDA4905 schedule date = 333333 in segment 513/514, ODETTE DELINS schedule quantity code = 3 in field DEL.7803), the EDI subsystem takes over the corresponding quantity of this position (refer to additional description of SA4).						
BAAN:	Mappir	ng to BAAN table	e field tdss	sc102.back			
Position	42	Field format	n10	Field status	С		
Field name		Over delivery					
Description:	This fie with thi	eld contains the o is schedule.	ver delive	red quantity to b	e transmitted		
Processing outgo	oing						
EDI subsystem:							
BAAN:	Mappir	ng of BAAN table	e field tdss	sc102.over to po	sition.		
Processing incon	ning						
EDI subsystem:	Only O	DETTE DELINS	5:				
	If the tr delivery the qua	ansmission file c y flag (field DST ntity of this posit	ontains a .6806), the ion.	demand position e EDI subsystem	with over takes over		
	For VD	A4905, this field	has to be	filled with a 0.			
BAAN:	Mappir	ng to BAAN table	e field tdss	sc102.over			

Position	43	Field format	an14	Field status	С	
Field name		Line feed locat	tion			
Description:	This fie	eld contains the li	ne feed loo	cation for this it	em.	
Processing outgo	oing					
EDI subsystem:						
BAAN:	Mapping of BAAN table field tdpsc002.lnfd to position.					
Processing incor	ning					
EDI subsystem:	Transm	nission of the valu	e from the	transmission f	ile.	
BAAN:	Mappin	ng to BAAN table	e field tdss	c102.txta and to	lssc102.lnfd.	
Position	44	Field format	an30	Field status	С	
Field name		Item Descripti	on			
Description:	This fie	eld contains the d	escription	of the item.		
Processing outgo	oing					
EDI subsystem:						
BAAN:	Mappin	ng of BAAN table	e field tiitn	n001.dsca to po	sition.	
Processing incor	ning					
EDI subsystem:	Transm	nission of the valu	e from the	transmission f	ile.	
BAAN:	Mappii	ng to BAAN table	e field tdss	c102.txta.		
Position	45	Field format	an17	Field status	С	
Field name		Design Revisio	on Numbe	r		
Description:	This fie	eld contains the d	esign revis	ion number of	the item.	
Processing outgo	oing					
EDI subsystem:						
BAAN:	None					
Processing incor	ning					
EDI subsystem:	Transm	nission of the valu	e from the	transmission f	ile.	
BAAN:	Mappii	ng to BAAN table	e field tdss	c102.txta.		

Position	46	Field format	n6	Field status	С
Field name		Shipping note	time last	receipt	
Description:	This fie	ld contains the sl	hipping no	ote time of the las	st receipt.
Processing outgo	oing				
EDI subsystem:					
BAAN:	None.				
Processing incom	ning				
EDI subsystem:	Transm	ission of the valu	ue from th	e transmission fi	le.
BAAN:	Mappin	g to BAAN table	e field tdss	sc102.txta.	
Position	47	Field format	n12	Field status	С
Field name		Cumulated qu	antity red	quired (MGO)	
Description:	This field the cust	ld contains the comer .	umulated	required quantity	sent by
Processing outgo	oing				
EDI subsystem:					
BAAN:	None				
Processing incom	ning				
EDI subsystem:	Transm	ission of the valu	ue from th	e transmission fi	le.
BAAN:	Mappin	g to BAAN table	e field tdss	sc102.creq	

Position	48	Field format	n8	Field status	С
Field name		Date of Cumu	lated qua	ntity required (]	MGO)
Description:	This fie quantity (format	ld contains the d sent by the cust YYYYMMDD	ate related omer)	d to the cumulate	d required
Processing outgo	oing				
EDI subsystem:					
BAAN:	None				
Processing incor	ning				
EDI subsystem:	Transm	ission of the valu	e from th	e transmission fi	le.
BAAN:	Mappin	g to BAAN table	e field tds	sc102.dtbk	
Position	49	Field format	an l	Field status	С
Field name		Purpose			
Description:	This fie 1 = Ren	ld identifies the l	kind of sc	hedule	
	$2 = \operatorname{Rep}_{3} = \operatorname{Cha}_{3}$	placement betwee inge	en Dates		
Processing outgo	$2 = \operatorname{Rep}_{3} = \operatorname{Cha}_{0}$	placement betwee inge	en Dates		
Processing outgo EDI subsystem:	2 = Rep 3 = Cha	ilacement betwee inge	en Dates		
Processing outgo EDI subsystem: BAAN:	2 = Rep 3 = Cha	ilacement betwee inge	en Dates		
Processing outgo EDI subsystem: BAAN: Processing incor	2 = Rep 3 = Cha oing None	nacement betwee nge	en Dates		
Processing outgo EDI subsystem: BAAN: Processing incor EDI subsystem:	2 = Rep 3 = Cha oing None ning The ED in the tr	olacement betwee inge ol subsystem fills ansmission file.	en Dates the field	based on the info	rmation

Position	50	Field format	n8	Field status	С
Field name		Horizon Start I	Date		
Description:	This fiel between (format:	ld contains the 'Fa Dates' schedule YYYYMMDD)	rom Date [®]	' in case of a 'R	eplacement
Processing outgo	ing				
EDI subsystem:					
BAAN:	None				
Processing incom	ning				
EDI subsystem:	Transmi	ssion of the value	e from the	transmission fi	le.
BAAN:	Mapping	g to BAAN table	field tdsso	e102.hdtf	
Position	51	Field format	n8	Field status	С
Field name		Horizon End D	ate		
Description:	This fiel between (format:	ld contains the 'T Dates' schedule YYYYMMDD)	o Date' in	a case of a 'Repl	lacement
Processing outgo	ing				
EDI subsystem:					
BAAN:	None				
Processing incom	ning				
EDI subsystem:	Transmi	ssion of the value	e from the	transmission fi	le.
DAAN.	Marri	~ 4 ° D A ANT - 1.1	C.1141	100 1 14	

BAAN: Mapping to BAAN table field tdssc102.hdtt

Position	52	Field format	n4	Field status	С
Field name		Model Year			
Description:	This fie Release (format	eld contains the m e as sent by Daim : YYYY)	odel year ler Chrys	r in case of a Mod ler.	lel Year
Processing outgo	oing				
EDI subsystem:					
BAAN:	None				
Processing incor	ning				
EDI subsystem:	Transm	ission of the valu	e from th	e transmission fil	e.
BAAN:	Mappin	ng to BAAN table	e field tds	sc102.modl	
Position	53	Field format	an l	Field status	С
Field name		Release Type			
Description:	This qu This fie 1 = Not 2 = Col 3 = Del 4 = Var	alifier is used in a eld identifies the r applicable lection ivery iance	a custom elease ty	er relationship to pe of a schedule	FIAT.
Processing outgo	oing				
EDI subsystem:					
BAAN:	None				
Processing incor	ning				
EDI subsystem:	The ED in the tr	I subsystem fills cansmission file.	the field	based on the info	rmation
BAAN:	Mappin Conver	ng to BAAN table sion Table tcedi4	e field tds 89 (Conv	sc102.relt by use version of Release	of Type (In))

Position	54	Field format	an7	Field status	Μ
Field name		Data record en	d sign		
Description:	This fie fixed va	ld indicates the e lue 'SA2_END'.	nd of the	data record. It co	ontains the

Processing outgoing

EDI subsystem:

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

Processing incoming

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

BAAN: None

SA3 Schedule Text

Status : Co	onditional
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Frequency : Once by item number

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

SCHEDULE INHOUSE FORMAT				Mapping from Application Tab Fields	le	Mapping to Application Fields		
Pos	FIELD DESCRIPTION	Key	ST	FM	Table Field	Action	Table Field	Action
1	Kind of data record	O/I	М	an3	SA3		SA3	
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			tdssc102.cuno	
4	Key field delivery address	O/I	М	an20	tdpsc001.plnt +		tdssc102.cdel	
					tdpsc001.delp			
5	Customer's item number		М	an35	tdpsc002.item		tdssc102.item	
6	Free text 1		М	an70	tdpsc002.txta		tdssc102.txta	
7	Free text 2		С	an70	tdpsc002.txta		tdssc102.txta	
8	Free text 3		С	an70	tdpsc002.txta		tdssc102.txta	
9	Data record end sign		М	an7	SA3_END		SA3_END	

Detailed description

Position	1	Field format	an3	Field status	Μ				
Field name	Kind of	data record		(Key field out/ir	ı)				
Description:	This field identifies the kind of data record in the message block. It contains the fixed value 'SA3'.								
Processing outgo	ing								
EDI subsystem:									
BAAN:	This field is filled with the fixed value 'SA3'.								
Processing incom	ning								
EDI subsystem:	This field is filled with the fixed value 'SA3'.								
BAAN:	None								
Position	2	Field format	an14	Field status	Μ				
Field name	Messag	e reference		(Key field out/ir	ı)				
Description:	This fiel The num unique b order of	d identifies all co abering of the mes by schedule, helps the schedules and	nnected d ssage refe to contro the com	lata records of on brence, which has of the chronologic plete transmission	e schedule. to be al n.				
Processing outgo	ing								
EDI subsystem:									
BAAN:	Refer to	data record SA2.							
Processing incom	ning								
EDI subsystem:	Refer to	data record SA2.							
BAAN:	Refer to	data record SA2.							

Position	3 out	Field format	an6	Field status	Μ
Field name	Supplie	er Number		(Key field out/i	n)
Description:	This fie applied	ld contains the ide to the supplier.	entificatio	on which the cust	omer
Processing outgo	oing				
EDI subsystem:					
BAAN:	Refer to	o data record SA2.			
Position	3 in	Field format	an17	Field status	Μ
Field name	Netzwe	erkadresse Kunde	e	(Key field out/i	n)
Description:	This fie	ld contains the ne	twork add	dress of the custo	omer.
Processing incom	ning				
EDI subsystem:	Refer to	o data record SA2.			
BAAN:	Refer to	o data record SA2.			
Position	4	Field format	an20	Field status	Μ
Field name	Key fie	ld delivery addre	ess	(Key field out/i	n)
Description:	This fie custome	ld contains the ke	y for the	delivery address	of the
Processing outgo	oing				
EDI subsystem:					
BAAN:	Refer to	o data record SA2.			
Processing incom	ning				
EDI subsystem:	Refer to	o data record SA2.			
BAAN	Refer to	o data record SA2			

Position	5	Field format	an35	Field status	М					
Field name		Customer's item number								
Description:	This fiel applied	This field contains the identification, which the customer applied to the required item.								
Processing outgo	ing									
EDI subsystem:										
BAAN:	Refer to	data record SA2.								
Processing incon	ning									
EDI subsystem:	Refer to	data record SA2.								
BAAN:	Refer to	data record SA2.								
Position	6	Field format	an70	Field status	М					
Field name		Free text 1								
Description:	This field contains a free text with a maximum of 70 characters.									
Processing outgo	ing									
EDI subsystem:										
BAAN:	Mapping	g of BAAN table	field tdps	c002.txta to pos	sition.					
Processing incon	ning									
EDI subsystem:	Transmi	ssion of the value	from the	transmission fi	le.					
BAAN:	Mapping	g to BAAN table	field tdss	c102.txta						
Position	7	Field format	an70	Field status	С					
Field name		Free text 2								
Description:	This fiel characte	d contains a free rs.	text with	a maximum of '	70					
Processing outgo	ing									
EDI subsystem:										
BAAN:	Mapping of BAAN table field tdpsc002.txta to position.									

Processing incoming

EDI subsystem:	Transmission of the value from the transmission file.
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BAAN:	Mapping to BAAN table field tdssc102.txta									
Position	8	Field format	an70	Field status	С					
Field name		Free text 3								
Description:	This fiel characte	ld contains a free ers.	e text with	a maximum of 7	70					
Processing outgo	ing									
EDI subsystem:										
BAAN:	Mappin	Mapping of BAAN table field tdpsc002.txta to position.								
Processing incon	ning									
EDI subsystem:	Transmission of the value from the transmission file.									
BAAN:	Mappin	g to BAAN table	e field tdss	c102.txta						
Position	9	Field format	an7	Field status	М					
Field name		Data record e	nd sign							
Description:	This fiel fixed va	ld indicates the e lue 'SA3_END'	end of the o	data record. It co	ontains the					
Processing outgo	ing									
EDI subsystem:										
BAAN:	This fiel	ld is filled with t	the fixed va	alue 'SA3_END						
Processing incon	ning									
EDI subsystem:	This fie	ld is filled with t	he fixed v	alue 'SA3_END						

BAAN: None

SA4 Schedule Lines

Status :	Mandatory
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Frequency: Repeatable by item number

Description: This kind of data record supports the transfer of the required item quantity, which is indicated in the previous data record SA2. The customer determines the quantities which are required at certain dates.

SCHE	DULE INHOUSE FOR	MAT			Mapping from Application Tab	le Fields	Mapping to Application Fields	
Pos	FIELD DESCRIPTION	Key	ST	FM	Table Field	Action	Table Field	Action
1	Kind of data record	O/I	М	an3	SA3		SA3	
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			dssc002.cuno	
4	Key field delivery	O/I	М	an20	tdpsc001.plnt +		tdssc102.cdel	
	address				tdpsc001.delp			
5	Customer's item number		Μ	an35	tdpsc002.item		tdssc102.item	
6	Year		М	n4	tdpsc003.year		tdssc103.year	
7	Week		М	n2	tdpsc003.week		tdssc103.week	
8	Entry date		С	n8	tdpsc003.dten	not used at the moment, here (;;)	tdssc103.dten	
9	Requirement type		М	an1	tdpsc003.reqt	Check of value range	tdssc103.reqt	Check of value range
10	Requirement frequency		Μ	an1	tdpsc003.reqf	Check of value range	tdssc103.reqf	Check of value range
11	Schedule date		М	n8	tdpsc003.dtwk		tdssc103.dtwk	
12	Control field		М	an9	0 (;"0";)		tdssc103.dqty	

13	Schedule reference	М	n5 an35	tdpsc003.dref	For future use	tdssc103.dref	For future use
14	Schedule quantity	М	n9	tdpsc003.dqty		tdssc103.totq/d qty	
15	Total quantity outstanding	С	n9	tdpsc003.qtos			
16	RAN - / DON Number	С	an12	empty here (;;)		tdssc103.ican	
17	Number of Weeks	С	n2	4 in case of monthly requirement	Evaluation expressis on A01	tdssc103.nowk	
18	Data record end sign	Μ	an7	SA4_END		SA4_END	

Detailed description

Position	1	Field format	an3	Field status	Μ					
Field name	Kind of	data record		(Key field out/in)					
Description:	This field identifies the kind of data record in the message block. It contains the fixed value 'SA4'.									
Processing outgoing										
EDI subsystem:										
BAAN:	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	e reference		(Key field out/in)					
Description:	This fiel The nun unique b order of	d identifies all con- bering of the mes- by schedule, helps the schedules and	nnected d ssage refe to contro I the com	ata records of one rence, which has I the chronologica plete transmission	e schedule. to be al					
Processing outgo	ing									
EDI subsystem	0									
EBT Subsystem.	U									
BAAN:	Refer to	data record SA2.								
BAAN: Processing incom	Refer to	data record SA2.								
BAAN: Processing incom EDI subsystem:	Refer to ning Refer to	data record SA2. data record SA2.								

Position	3 out	Field format	an6	Field status	Μ
Field name	Suppli	er number		(Key field out/i	n)
Description:	This fie applied	eld contains the id l to the supplier.	lentificatio	on which the cust	omer
Processing outgo	oing				
EDI subsystem:					
BAAN:	Refer to	o data record SA2	2.		
Position	3 in	Field format	an17	Field status	Μ
Field name	Netwo	rk address custo	mer	(Key field out/i	n)
Description:	This fie	eld contains the ne	etwork ad	dress of the custo	omer.
Processing incom	ning				
EDI subsystem:	Refer to	o data record SA2	2.		
BAAN:	Refer to	o data record SA2	2.		
Position	4	Field format	an8	Field status	Μ
Field name	Key de	elivery field		(Key field out/i	n)
Description:	This fie custom	eld contains the ke	ey for the	delivery address	of the
Processing outgo	oing				
EDI subsystem:					
BAAN:	Refer to	o data record SA2	2.		
Processing incom	ning				
EDI subsystem:	Refer to	o data record SA2	2.		
BAAN:	Refer t	o data record SA2	2.		

Position	5	Field format	an35	Field status	М				
Field name		Customer's item number							
Description:	This fie applied	This field contains the identification which the customer applied to the required item.							
Processing outgo	oing								
EDI subsystem:									
BAAN:	Refer to	o data record SA2							
Processing incom	ning								
EDI subsystem:	Refer to	Refer to data record SA2.							
BAAN:	Refer to	Refer to data record SA2.							
Position	6	Field format	n4	Field status	М				
Field name		Year							
Description:	This fie (format	ld contains the re : YYYY).	quiremen	t year of the sche	edule				
Processing outgo	oing								
EDI subsystem:									
BAAN:	Mappin	g of BAAN table	field tdp	sc003.year to pos	sition.				
Processing incom	ning								
EDI subsystem:	The ED date for	I subsystem fills this schedule po	this field sition.	on the basis of th	ne delivery				
	Special require	procedure in ca ement:	se of bac	korder and imn	nediate				
	In this c	case you need to e	enter the y	vear 0 into this field	eld:				
BAAN:	Mappin	g to BAAN table	field tdss	c103.year					

Position	7	Field format	n2	Field status	Μ	
Field name		Week				
Description:	This fie	ld contains the ca	alendar w	eek.		
Processing outgo	oing					
EDI subsystem:						
BAAN:	Mappin	Mapping of BAAN table field tdpsc003.week to position.				
Processing incom	ning					
EDI subsystem:	The EDI subsystem fills this field on the basis of the delivery date for this schedule position.					
	Special require In case	Special procedure in case of backorder and immediate requirement: In case of backorder you need to enter the calendar week 1.				
	In case of immediate requirement you need to enter the calendar week 2 .					
	Special In this c	procedure in catase you need to	ase of zer	o requirement: current calendar	week.	
BAAN:	Mappin	g to BAAN table	e field tds	sc103.week		
Position	8	Field format	n8	Field status	Μ	
Field name		Entry date				
Description:	This fie position	ld contains the d	ate of the mat: YY	entry of this sche YYMMDD).	edule	
Processing outgo	oing					
EDI subsystem:						
BAAN:	Mappin	g of BAAN table	e field tdp	ose003.dten to pos	sition.	
Processing incom	ning					
EDI subsystem:	The ED	I subsystem ente	rs the cur	rent date into this	s field.	
BAAN:	Mappin	g to BAAN table	e field tds	sc103.dten		

Message	Type Schedule	Definition of	BEMIS 2.0	Inhouse Format
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Position	9	Field format	an1	Field status	Μ	
Field name		Requirement	type			
Description:	This field schedule 1 = 1 2 = 1 3 = 1 4 = 1	ld contains the k e position. Valid immediate released planned forecast	ey for the l values:	e requirement typ	e of this	
Processing outgo	oing					
EDI subsystem:						
BAAN:	Mapping Used co	g of BAAN tabl de and conversi	e field tdr on table:	osc003.reqt to po tcedi480.	sition.	
Processing incor	ning					
EDI subsystem:	I subsystem sets tion in the transi	the key o mission fi	on the basis of the le.	3		
	 Special procedure in case of backorder and immediate requirement: In this case you need to enter the requirement type 1. Special procedure in case of zero requirement: In this case you need to enter the requirement type 2. 					
	Allocati See abo requiren	ion of requirem ve for zero requ nent.	irement, b	on basis of VDA backorder and im	4905/1: mediate	
	All sche 555555	dule positions u receive requirer	p to the p nent type	osition with the s 2 (released)	schedule date	
	All sche 555555	dule positions a receive the requ	fter the point transfer the point of the second sec	osition with the sype 2 (released) a	chedule date as well.	
BAAN:	Mapping conversion	g to BAAN table ion table: tcedi4	e field tds 81.	sc103.reqt. Used	code and	

Position	10	Field format	an1	Field status	Μ
Field name		Requirement f	requenc	y	
Description:	This fit this sch require monthl Valid v 1 = 2 = 3 = 4 =	eld contains the ke nedule position. T ment is on a daily y basis. ralues: daily weekly monthly range of weeks	ey for the he freque , weekly	e requirement free ency indicates, if , range of weeks	juency of the or
Processing outgo	oing				
EDI subsystem:					
BAAN:	Mappin Used co	ng of BAAN table ode and conversio	e field tdp on table: '	osc003.reqf to pos Tcedi482	sition.
Processing incom	ning				
EDI subsystem:	The EI inform	DI subsystem sets ation in the transm	the key o nission fi	on the basis of the le.	:
	Specia require In this	l procedure in ca ement: case you need to e	ise of ba enter the	ckorder and imn requirement type	nediate 2.
	Specia In this	l procedure in ca case you need to o	ise of zer enter the	•o requirement : requirement type	2.
BAAN:	Mappir convers	ng to BAAN table sion table: Tcedi4	e field tds 83	sc103.reqf. Used	code and
Note:	For int require require This ca	ternal EDI it's in ements to incomi ements. an be done by ad	nportant ing 'Ran equate u	to map outgoing ge of Weeks' ise of the convers	g monthly sion tables.

Position	11	Field format	n8	Field status	Μ
Field name		Schedule date	1		
Description:	This fi schedu require	eld contains the s le position. It nee ement type and fr	chedule da eds to be in equency:	ate for the requir nterpreted on the	ement of this basis of the
	Requir	ement type 1: S	chedule da	ate = day of deliv	/ery
	Other deliver deliver	requirement type by frequency 1: S by frequency 2: S	and chedule da chedule da	ate = day of deli ate = monday of week	very delivery
	deliver	ry frequency 3: S	chedule da	ate = 1^{st} monday month	of delivery
	deliver	ry frequency 4: S	chedule d	ate = monday of week	delivery
Processing outgo	oing				
EDI subsystem:					
BAAN:	Mappi	ng of BAAN tabl	e field tdp	sc003.dtwk to p	osition.
Processing incor	ning				
EDI subsystem:	The EI basis o	DI subsystem gen of the above ment	erates the	corresponding d litions.	ate on the
BAAN:	Mappi	ng to BAAN tabl	e field tds	sc103.dtwk	
Position	12	Field format	an9	Field status	Μ
Field name		Regulation fie	ld		
Description:	This fi Conve	eld supports the i rter. The value '0	nternal reg ' needs to	gulation of the B be entered into t	AAN EDI- his field.
Processing outgo	oing				
EDI subsystem:					
BAAN:	This fi	eld is filled with	the value '	0' (;"0";).	
Processing incor	ning				
EDI subsystem:	The El	OI subsystem has	to enter th	ne value '0' into	this field.
BAAN:	The va	lue regulates the	quantity c	alculation in the	system.
	Me	essage Type Schedu	ıle Definitio	on of BEMIS 2.0 In	nhouse Format

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Position 13	Field format	n6 / an35	Field status	С		
Field name	Sched	lule reference				
Description:	This field conta	ains the schedule	reference number.			
Processing outgo	oing					
EDI subsystem:						
BAAN:	Mapping of BA	AN table field to	dpsc003.dref to pos	sition.		
Processing incor	ning					
EDI subsystem:						
BAAN:	Mapping to BA	AN table field to	lssc103.dref.			
Position	14 Field	format n9	Field status	М		
Field name	Sched	lule quantity				
Description:	This field conta	ains the quantity of	of this schedule po	sition.		
Processing outgo	oing					
EDI subsystem:						
BAAN:	Mapping of BA	Mapping of BAAN table field tdpsc003.dqty to position.				
Processing incor	ning					
EDI subsystem:	The EDI subsy position into th	stem transfers the	e quantity of this sc	chedule		
	Special proceed In this case the of data record 2	lure in case of b quantity needs to 2.	ackorder and over be entered addition	r delivery: onaly in kind		
	Special procee In this case the	lure in case of ze quantity 0 needs	ero requirement: to be entered.			
BAAN:	Internal the val tdssc103.dqty a	ue is mapped to t and afterwards to	he BAAN table fie ssc103.totq will be	eld calculated.		

Position	15	Field format	n9	Field status	С
Field name		Total quantity	v outstandi	ing	
Description:	This fie time pe applied	eld contains the or riod (by week or	outstanding month), to	schedule requi	rement in this sition is
Processing outgo	oing				
EDI subsystem:					
BAAN:	Mappin	ng of BAAN tabl	e field tdps	sc003.qtos to po	osition.
Processing incom	ning				
EDI subsystem:					
BAAN:	On the	incoming side th	is position	is ignored.	
Position	16	Field format	an12	Field status	С
Field name		RAN - / DON	Number		
Description:	This fie	eld contains the F	RAN - / DO	N Number	
Processing outgo	oing				
EDI subsystem:	None.				
BAAN:	None; e	empty Position (.	;;)		
Processing incom	ning				
EDI subsystem:	The ED to this f	DI subsystem tran field.	sfers the R	AN - / DON - 1	Number
BAAN:	Mappin	ng to BAAN table	e field tdss	c103.ican	

Position	17	Field format	n2	Field status	С	
Field name		Number of Wo	eeks			
Description:	This fie case of the leng	This field contains the number of weeks, that are needed in case of the requirement frequency 'Range of Weeks' to define the length of the validation period.				
Processing outgo	oing					
EDI subsystem:	None.					
BAAN:	4 - In ca	ase of requirement	nt frequen	cy monthly:		
Processing incom	ning					
EDI subsystem:	Transm	ission of the valu	e from th	e transmission fil	e.	
BAAN:	Mappin	Mapping to BAAN table field tdssc103.nowk				
	10	E' 110 (an7	Field status	Μ	
Position	18	Field format	all /	I leid Status		
Position Field name	18	Data record er	nd sign	i ield status		
Position Field name Description:	This fie fixed va	Data record en Data record en Id indicates the e alue 'SA4_END'	and sign and of the	data record. It co	ntains the	
Position Field name Description: Processing outgo	This fie fixed va	Data record en Data record en Id indicates the e	and sign and of the	data record. It co	ntains the	
Position Field name Description: Processing outgo EDI subsystem:	This fie fixed va	Data record en	and sign and of the	data record. It co	ntains the	
Position Field name Description: Processing outgo EDI subsystem: BAAN:	This fie fixed va bing This fie	Data record en Data record en Id indicates the e alue 'SA4_END'	nd sign nd of the he fixed v	data record. It co	ntains the	
Position Field name Description: Processing outgo EDI subsystem: BAAN: Processing incom	This fie fixed va bing This fie ning	Data record en Id indicates the e alue 'SA4_END' Id is filled with t	nd sign nd of the	data record. It co ralue 'SA4_END'	ntains the	
Position Field name Description: Processing outgo EDI subsystem: BAAN: Processing incom EDI subsystem:	This fie fixed va oing This fie ning This fie	Data record en Data record en Id indicates the e alue 'SA4_END' Id is filled with t	he fixed v	data record. It co ralue 'SA4_END' ralue 'SA4_END'	ntains the	
Position Field name Description: Processing outgo EDI subsystem: BAAN: Processing incom EDI subsystem: BAAN:	This fie fixed va bing This fie ning This fie None	Data record en Data record en Id indicates the e alue 'SA4_END'	nd sign nd of the he fixed w	data record. It co ralue 'SA4_END' ralue 'SA4_END	ntains the	
Requirement type	Presentation in BEMIS SA4	Conversion in VDA 4905, SA513				
---------------------------------------	--	---	--			
Zero requirement	No SA4 in message available	Schedule date = 222222				
Backorder	Year=0	If SA2_Backorder>0				
	Week=1	Schedule date=333333				
	Requirement type=1 (immediate)	Schedule quantity= SA2_Backorder				
	Requirement frequency=2 (weekly)					
	Schedule date = Monday of current week					
	Schedule quantity=QTY (QTY is the total of backorder plus immediate requirement)					
	SA2_Backorder=Quantity_Backorder					
Immediate requirement	Year=0	If schedule quantity >				
	Week=1	SA2_Backorder:				
	Requirement type=1 (immediate)	Schedule date=444444				
	Requirement frequency=2 (weekly)	Schedule quantity (Abrut-Menge) =				
	Schedule date = Monday of current week	SA2_Backorder				
	Schedule quantity=QTY (QTY is the total of backorder plus immediate requirement)					
Daily	Year=YYYY	Schedule date (Abruf-Datum) = date				
requirement	Week=WW	Schedule quantity (Abruf-Menge) =				
	Requirement type=2 (released)	Schedule quantity				
	Requirement frequency=1 (daily)					
	Schedule date = YYYYMMDD (delivery date)					
	Schedule quantity=QTY					
Change of requirement frequency	First time requirement frequency 2 or 3	Schedule date (Abruf-Datum) = 555555				
		Schedule quantity (Abruf-Menge) = 0				

Description of the requirement types for schedules in BEMIS (outgoing) (Proposal)

Requirement type	Presentation in BEMIS SA4	Conversion in VDA 4905, SA513
Weekly	Year=YYYY	Schedule date (Abruf-Datum) =
requirement	Week=WW	YYOOWW
	Requirement type=2, 3 or 4 possible	Schedule quantity (Abruf-Menge) =
	Requirement frequency=2	
	Schedule date = YYYYMMDD (first day of week)	
	Schedule quantity=QTY	
Monthly requirement	Year=YYYY	Schedule date (Abruf-Datum) =
	Week=WW	ТАММОО
	Requirement type=2, 3 or 4	Schedule quantity (Abruf-Menge) =
	Requirement frequency=3 (monthly)	
	Schedule date = YYYYMMDD (first monday of month)	
	Schedule quantity=QTY	
Last devision	Change of group from SA4 to other SA	Schedule date (Abruf-Datum) = 000000
Over delivery	SA2_Over=Overdelivery_Quantity	no equivalant

Description of requirement types for schedules in BEMIS (outgoing) as on January 19, 1998 (proposed ODETTE requirement types) (Proposal)

Requirement type	Presentation in BEMIS SA4	Conversion in ODETTE
Zero requirement	No SA4 in message available	DEL_2803=0
		DEL_6060=0
		DEL_7803=6
		DEL_6811=1
Backorder	Year=0	DEL_2803=0
	Week=1	DEL_6060=SA2_Backorder
	Requirement type=1 (immediate)	DEL_7803=3
	Requirement frequency=2 (weekly)	DEL_6811=1
	Schedule date = Monday of current week	DST_6806= - SA2_Backorder
	Schedule quantity=QTY (QTY is the total of backorder plus immediate requirement)	
	SA2_Backorder=Quantity_Backorder	

Requirement type	Presentation in BEMIS SA4	Conversion in ODETTE
Immediate	Year=0	If schedule quantity >
requirement	Week=1	SA2_Backorder:
	Requirement type=1 (immediate)	DEL_2803=0
	Requirement frequency=2 (weekly)	DEL_6060=Schedule quantity-
	Schedule date = monday of current week	DEL_7803=4
	Schedule quantity=QTY (QTY is the total of backorder plus immediate requirement)	DEL_6811=1
Daily requirement	Year=YYYY	DEL_2803=From date
delivery authorization	Week=WW	DEL_2805=To date
	Requirement type=2 (released)	DEL_6060=Schedule quantity
	Requirement frequency=1 (daily)	DEL_7803=
	Schedule date = YYYYMMDD	DEL_6811=1 (delivery release)
	Schedule quantity=QTY	
Forecast daily	Year=YYYY	DEL_2803=From date
requirement raw	Week=WW	DEL_2805=To date
authorizations	Requirement type=3 (planned)	DEL_6060=Schedule quantity
	Requirement frequency=1 (daily)	DEL_7803=
	Schedule date = YYYYMMDD	DEL_6811=3
	Schedule quantity=QTY	
Forecast daily	Year=YYYY	DEL_2803=From date
requirement	Week=WW	DEL_2805=To date
	Requirement type=4 (forecast)	DEL_6060=Schedule quantity
	Requirement frequency=1 (daily)	DEL_7803=
	Schedule date = YYYYMMDD	DEL_6811=4 (Forecast)
	Schedule quantity=QTY	
Weekly requirement	Year=YYYY	DEL_2803
delivery authorization	Week=WW	DEL_2805
	Requirement type=2 (released)	or as date
	Requirement frequency=2 (weekly)	DEL_2836=YYWWJJWW
	Schedule date = YYYYMMDD (first	DEL_6060=Schedule quantity
	date of week)	DEL_7803=
	Schedule quantity=QTY	(From week = to week)
		DEL_6811=1

Requirement type	Presentation in BEMIS SA4	Conversion in ODETTE
Forecast weekly requirement raw	Year=YYYY	DEL_2803
	Week=WW	DEL_2805
	Requirement type=3 (planned)	or as date
	Requirement frequency=2 (weekly)	DEL_2836=YYWWJJWW
	Schedule date = YYYYMMDD (first	DEL_6060=Schedule quantity
	date of week)	DEL_7803=
	Schedule quantity=QTY	(From week = to week)
		DEL_6811=3
Forecast weekly	Year=YYYY	DEL_2803
requirement	Week=WW	DEL_2805
	Requirement type=4 (forecast)	or as date
	Requirement frequency=2 (weekly)	DEL_2836=YYWWJJWW
	Schedule date = YYYYMMDD (first	DEL_6060=Schedule quantity
	date of week)	DEL_7803=
	Schedule quantity=QTY	(From week = to week)
		DEL_6811=4
Monthly requirement	Year=YYYY	DEL_2803
delivery authorization	Week=WW	DEL_2805
	Requirement type= 1 (released)	or as date
	Requirement frequency=3 (monthly)	DEL_2836=YYWWJJWW
	Schedule date = YYYYMMDD (first	DEL_6060=Schedule quantity
	monday in month)	DEL_7803=
	Schedule quantity=QTY	(From week = Week_Start of month,
		To week = Week_End of month)
		DEL_6811=1
Forecast monthly	Year=YYYY	DEL_2803
requirement raw material authorization	Week=WW	DEL_2805
	Requirement type= 3 (planned)	or as date
	Requirement frequency=3 (monthly)	DEL_2836=YYWWJJWW
	Schedule date = YYYYMMDD (first	DEL_6060=Schedule quantity
	monday in month)	DEL_7803=
	Schedule quantity=QTY	(From week = to week)
		DEL_6811=3

Message Type Schedule Definition of BEMIS 2.0 Inhouse Format 2-58

Requirement type	Presentation in BEMIS SA4	Conversion in ODETTE
Forecast monthly	Year=YYYY	DEL_2803
requirement	Week=WW	DEL_2805
	Requirement type= 4 (forecast)	or as date
	Requirement frequency=3 (monthly)	DEL_2836=YYWWJJWW
	Schedule date = YYYYMMDD (first monday in month) Schedule quantity=QTY	DEL_6060=Schedule quantity
		DEL_7803=
		(From week = to week)
		DEL_6811=4
Over delivery	SA2_Over=Overdelivery_Quantity	DST_6806=SA2_Over

Requirement type	Presentation in VDA 4905	Conversion in BEMIS SA4
Zero requirement	Schedule date=222222	Year=current year
	Schedule quantity=0	Week= current week
		Requirement type=2 (released)
		Requirement frequency=2 (weekly)
		Schedule date = current date
		Schedule quantity=0
Backorder	Schedule date=333333	Year=0
	Schedule quantity= QTY	Week=1
	(backorder)	Requirement type=1 (immediate)
		Requirement frequency=2 (weekly)
		Schedule date = current date
		Schedule quantity=QTY (backorder)
		SA2_Backorder=QTY (backorder)
Immediate	Schedule date=444444	Year=0
requirement	Schedule quantity=QTY (immediate requirement)	Week=2
		Requirement type=1 (immediate)
		Requirement frequency=2 (weekly)
		Schedule date = current date
		Schedule quantity=QTY (immediate requirement)
Daily requirement	Schedule date=YYMMDD	Year=YYYY
	Schedule quantity=QTY	Week=WW
		Requirement type=2 (released)
		Requirement frequency=1 (daily)
		Schedule date = YYYYMMDD
		Schedule quantity=QTY
Change of	Schedule date=555555	no equivalent
requirement frequencies	Schedule quantity=0	

Description of requirement types for schedules in BEMIS (incoming) (Proposal)

Requirement type	Presentation in VDA 4905	Conversion in BEMIS SA4
Weekly requirement	Schedule date=YY00WW	Year=YYYY
	Schedule quantity=QTY	Week=WW
		Requirement type=3 (planned)
		Requirement frequency=2 (weekly)
		Schedule date = first date of week, that means monday of week)
		Schedule quantity=QTY
Weekly requirement	Schedule date=YYWWWW	For every week in range from to:
from - to	Schedule quantity=QTY	Year=YYYY
		Week=WW (appropriate week in period)
		Requirement type=3 (planned)
		Requirement frequency=2 (weekly)
		Schedule date = first monday in week
		Schedule quantity=Schedule_Quantity/number of weeks
		If remainder an integer, value is added to weekly quantity of first period.
Monthly requirement	Schedule date=YYMM00	Year=YYYY
	Schedule quantity=QTY	Week=WW (week of first monday in month)
		Requirement type=3 (planned)
		Requirement frequency=3 (monthly)
		Schedule date = first monday in month
		Schedule quantity = Schedule quantity (Abruf-Menge)
Last devision	Schedule date=000000	no SA4
Over delivery	no equivalent	SA2_Overdelivery=DST_6806
Remainder of	Schedule date=999999	Year=YYYY
forecast quantity		Week=WW
		Requirement type=4 (forecast)
		Requirement frequency=3 (monthly)
		Schedule date = first monday in month of subsequent month regarding the last schedule date
		Schedule quantity=Schedule quantity (Abruf-Menge)

Requirement type	Presentation in VDA 4905	Presentation in GM's interpretation of the VDA 4905	Conversion in BEMIS SA4
Zero	Schedule	Schedule date=222222	Year=current year
requirement	date=222222	Schedule quantity=0	Week= current week
	Schedule	first Schedule date	Requirement type=2 (released)
	quantity o	first Schedule Quantity	Requirement frequency=2
		(this means that these	(weekly)
		Information above are the first	Schedule date = current date
		schedule in 513)	Schedule quantity=0
Backorder	Schedule	Schedule date=333333	Year=0
	date=333333	Schedule quantity= QTY	Week=1
	Schedule	first Schedule date	Requirement type=1
	(backorder)	first Schedule Quantity	(immediate)
		(this means that these information above are the first date and quantity of the schedule in 513)	Requirement frequency=2 (weekly)
			Schedule date = current date (GM first schedule date in 513)
			Schedule quantity=QTY (backorder)
			SA2_Backorder=QTY (backorder)
Immediate	Schedule	not defined in GM's	Year=0
requirement	date=444444	interpretation of the VDA 4905	Week=2
	Schedule quantity=QTY (immediate requirement)	no equivalent	Requirement type=1 (immediate)
			Requirement frequency=2 (weekly)
			Schedule date = current date
			Schedule quantity=QTY (immediate requirement)

Description of the GM `s requirement types for schedules in BEMIS (incoming) (Proposal 8.4.1998)

Requirement type	Presentation in VDA 4905	Presentation in GM's interpretation of the VDA 4905	Conversion in BEMIS SA4
Daily	Schedule	Schedule date=YYMMDD	Year=YYYY
requirement	date=YYMMDD	Schedule quantity=QTY	Week=WW
	Schedule		Requirement type=2 (released)
	quantity-QTT		Requirement frequency=1 (daily)
			Schedule date = YYYYMMDD
			Schedule quantity=QTY
Change of requirement	Schedule date=555555	not defined in GM's interpretation of the VDA 4905	no equivalent
frequencies	Schedule quantity=0	no equivalent	
Weekly	Schedule	not defined in GM's	Year=YYYY
requirement	date=YY00WW	interpretation of the VDA 4905	Week=WW
	Schedule	no equivalent	Requirement type=3 (planned)
			Requirement frequency=2 (weekly)
			Schedule date = first date of week, that means monday of week)
			Schedule quantity=QTY
Weekly requirement	Schedule date=YYWWW	not defined in GM's interpretation of the VDA 4905	For every week in range from to:
from - to	W	no equivalent	Year=YYYY
	Schedule quantity=QTY		Week=WW (appropriate week in period)
			Requirement type=3 (planned)
			Requirement frequency=2 (weekly)
			Schedule date = first monday in week
			Schedule quantity=Schedule_Quantity/nu mber of weeks
			If remainder an integer, value is added to weekly quantity of first period.

Requirement type	Presentation in VDA 4905	Presentation in GM's interpretation of the VDA 4905	Conversion in BEMIS SA4
Monthly	Schedule date=YYMM00 Schedule	Schedule date=YYMM00	Year=YYYY
requirement		Schedule quantity=QTY	Week=WW (week of first monday in month)
	quantity=Q1Y		Requirement type=3 (planned)
			Requirement frequency=3 (monthly)
			Schedule date = first monday in month
			Schedule quantity = Schedule quantity (Abruf-Menge)
Last devision	Schedule	Schedule date=YYMM00	no SA4
	date=000000	Schedule quantity=QTY	
Over delivery	no equivalent	not defined in GM's interpretation of the VDA 4905	SA2_Overdelivery=DST_6806
		no equivalent	
Remainder of	Schedule	not defined in GM's	Year=YYYY
forecast	date=999999	interpretation of the VDA 4905	Week=WW
quantity		no equivalent	Requirement type=4 (forecast)
			Requirement frequency=3 (monthly)
			Schedule date = first monday in month of subsequent month regarding the last schedule date
			Schedule quantity=Schedule quantity (Abruf-Menge)

Requirement type	Presentation in VDA 4905	Presentation in GM's interpretation of the VDA 4905	Conversion in BEMIS SA4
Remainder	no equivalent	Schedule date=YYMM00	Year=YYYY
quantity of the second month		Schedule quantity=QTY	Week=WW (Week of the first Monday in the month)
		ninth Schedule Quantity	Requirement type=3 (planned)
		······,	Requirement frequency=3 (monthly)
			Schedule date = first monday in month
			Schedule quantity = Schedule quantity (Abruf-Menge)
			BAAN: these information have to be translated as follows:
			Year=YYYY
			Week=WW (the following week or the week of the eighth schedule date within GM's VDA message until zhe beginning of the next month this means until the first monday of the following month)
			Requirement type=3 (planned)
			Requirement frequency=2 (weekly)
			Schedule date = YYMMTT (Monday of the following week or of the following week of the eighth schedule date in GM's VDA message)
			Schedule Quantity = Schedule Quantity / Number of Weeks
			If remainder an integer, value is added to weekly quantity of first period.

Notice: GM's VDA 4905 does not know date formats like 333333, 444444, 555555, nor 9999999

Sequence Number of the Schedule Date	Meaning	Remark
1	Backorder	description see above
2	determine requirement – over delivery = actual requirement	normal requirement, description see above
3	Daily or Weekly requirement	description see above
4	Daily or Weekly requirement	description see above
5	Daily or Weekly requirement	description see above
6	Daily or Weekly requirement	description see above
7	Daily or Weekly requirement	description see above
8	Daily or Weekly requirement	description see above
9	Remainder quantity of the second month	special case within GM's VDA interpretation, Remainder quantity of the second month
10	Monthly requirement	description see above
11	Monthly requirement	description see above

Example:

```
1. "SA4";"LA000100000019";"005122";"
00000";"0000231";0;1;980227;"1";"2";980302;"0";;22;;"SA4_END"
2. "SA4"; "LA000100000019"; "005122"; "
00000";"0000231";1998;11;980227;"2";"1";980309;"0";;222;;"SA4 END"
3. "SA4"; "LA000100000019"; "005122"; "
00000"; "0000231"; 1998; 12; 980227; "2"; "1"; 980316; "0";; 33;; "SA4_END"
4. "SA4"; "LA000100000019"; "005122"; "
00000";"0000231";1998;13;980227;"2";"1";980323;"0";;333;;"SA4 END"
5. "SA4"; "LA000100000019"; "005122"; "
00000";"0000231";1998;14;980227;"2";"1";980330;"0";;44;;"SA4_END"
6. "SA4"; "LA00010000019"; "005122"; "
00000"; "0000231"; 1998; 15; 980227; "2"; "1"; 980406; "0"; ; 444; ; "SA4_END"
7. "SA4"; "LA000100000019"; "005122"; "
00000"; "0000231"; 1998; 16; 980227; "2"; "1"; 980413; "0";; 55;; "SA4_END"
8. "SA4"; "LA000100000019"; "005122"; "
00000"; "0000231"; 1998; 17; 980227; "2"; "1"; 980420; "0";; 555;; "SA4_END"
9. "SA4";"LA000100000019";"005122";"
00000"; "0000231"; 1998; 15; 980227; "3"; "3"; 980406; "0";; 23;; "SA4_END"
10. "SA4"; "LA000100000019"; "005122"; "
00000";"0000231";1998;19;980227;"3";"3";980504;"0";;2;;"SA4 END"
11. "SA4"; "LA000100000019"; "005122"; "
00000";"0000231";1998;23;980227;"3";"3";980601;"0";;2;;"SA4_END"
12. "SA4"; "LA00010000019"; "005122"; "
00000";"0000231";1998;28;980227;"3";"3";980706;"0";;2;;"SA4_END"
13. "SA4";"LA000100000019";"005122";"
00000";"0000231";1998;32;980227;"3";"3";980803;"0";;2;;"SA4_END"
14. "SA4"; "LA000100000019"; "005122"; "
00000";"0000231";1998;37;980227;"3";"3";980907;"0";;2;;"SA4_END"
15. "SA4";"LA000100000019";"005122";"
00000";"0000231";1998;41;980227;"3";"3";981005;"0";;2;;"SA4_END"
16. "SA4";"LA000100000019";"005122";"
00000";"0000231";1998;45;980227;"3";"3";981102;"0";;2;;"SA4 END"
17. "SA4";"LA000100000019";"005122";"
00000";"0000231";1998;50;980227;"3";"3";981207;"0";;2;;"SA4_END"
```

Message Type Schedule Definition of BEMIS 2.0 Inhouse Format

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18. "SA4";"LA000100000019";"005122";"
00000";"0000231";1999;02;980227;"3";"3";990104;"0";;2;;"SA4_END"
29. "SA4";"LA000100000019";"005122";"
00000";"0000231";1999;06;980227;"3";"3";990201;"0";;2;;"SA4_END"

The BAAN DLL has to translate Line 9 as follows:

9. "SA4";"LA000100000019";"005122";"
00000";"0000231";1998;15;980227;"3";"3";980406;"0";;23;;"SA4_END"
=>
9. "SA4";"LA000100000019";"005122";"
00000";"0000231";1998;18;980227;"3";"2";980427;"0";;23;;"SA4_END"

Refering to the example above there is only one remaining period for the month april:

Therefor an other example for the remaining quantity:

Sequence Number of the Schedule Date	Schedule Date	Meaning	Translation to BAAN
1	980323	Back Order	see above Back Order the schedule date is always the date of the monday of the week GM genarates its schedules. GM generates ist schedule each friday.
2	980330	Monday of the week	Schedule Date = Date in GM's Schedule
3	980406	Monday of the week	Schedule Date = Date in GM's Schedule
4	980413	Monday of the week	Schedule Date = Date in GM's Schedule
5	980420	Monday of the week	Schedule Date = Date in GM's Schedule
6	980427	Monday of the week	Schedule Date = Date in GM's Schedule
7	980504	Monday of the week	Schedule Date = Date in GM's Schedule
8	980511	Monday of the week	Schedule Date = Date in GM's Schedule
9	980500	remaining quantity of May	BAAN has to generate tw entries:
		for the period	1. Schedule Date: 980518
		10.0 10 0 1.0	2. Schedule Date: 980527
			Requirement Type =3 (planned)
			Requirement Frequency=2 (weekly)
10	980600	Date of a month	see above: monthly requirement
11	980700	Date of a month	see above: monthly requirement
12	980800	Date of a month	see above: monthly requirement
19			

Requirement type	Presentation in DELINS	Proposed conversion in BEMIS SA4
Zero requirement	DEL_2803=0	Year=current year
	DEL_6060=0	Week= current week
	DEL_7803=6	Requirement type=2 (released)
	DEL_6811=1	Requirement frequency=2 (weekly)
		Schedule date = current date
		Schedule quantity=0
Backorder	DEL_2803=0	Year=0
	DEL_6060=QTY	Week=1
	(backorder)	Requirement type=1 (immediate)
	DEL_7803=3	Requirement frequency=2 (weekly)
	DEL_6811=1	Schedule date = current date
		Schedule quantity = QTY (backorder)
		SA2_Backorder = QTY (backorder)
Immediate	DEL_2803=0	Year=0
requirement	DEL_6060=QTY	Week=2
	(immediate requirement)	Requirement type=1 (immediate)
	DEL_7803=4 DEL_6811=1	Requirement frequency=2 (weekly)
		Schedule date = current date
		Schedule quantity=QTY (immediate requirement)
Daily requirement	DEL_2803=YYMMDD	Year=YYYY
delivery	DEL_2805=YYMMDD	Week=WW
forecast fabrication	DEL_6060=QTY	Requirement type=2 (released)
authorization	DEL_7803=	Requirement frequency=1 (daily)
	DEL_6811=1,2	Schedule date = YYYYMMDD
		Schedule quantity=QTY
Daily requirement	DEL_2803=YYMMDD	Year=YYYY
forecast raw material	DEL_2805=YYMMDD	Week=WW
additorization	DEL_6060=QTY	Requirement type=3 (planned)
	DEL_7803=	Requirement frequency=1 (daily)
	DEL_6811= 3	Schedule date = YYYYMMDD
		Schedule quantity=QTY

Description of requirement types for schedules in BEMIS (incoming) as of January 19, 1998 (proposed ODETTE requirement types)

Requirement type	Presentation in DELINS	Proposed conversion in BEMIS SA4	
Forecast daily	DEL_2803=YYMMDD	Year=YYYY	
requirement	DEL_2805=YYMMDD	Week=WW	
	DEL_6060=QTY	Requirement type=4 (forecast)	
	DEL_7803=	Requirement frequency=1 (daily)	
	DEL_6811=4	Schedule date = YYYYMMDD	
		Schedule quantity=QTY	
Weekly requirement	DEL_2803=YYMMDD	Year=YYYY	
delivery	DEL_2805=YYMMDD	Week=WW	
forecast fabrication	DEL_6060=QTY	Requirement type=2 (released)	
authorization	DEL_7803=	Requirement frequency=2 (weekly)	
	DEL_6811=1,2	Schedule date = first date of week, that means monday of week)	
		Schedule quantity=QTY	
Forecast weekly	DEL_2803=YYMMDD	Year=YYYY	
requirement raw	DEL_2805=YYMMDD	Week=WW	
authorization	DEL_6060=QTY	Requirement type=3 (planned)	
	DEL_7803=	Requirement frequency=2 (weekly)	
	DEL_6811=3	Schedule date = first date of week, that means monday of week)	
		Schedule quantity=QTY	
Forecast weekly	DEL_2803=YYMMDD	Year=YYYY	
requirement	DEL_2805=YYMMDD	Week=WW	
	DEL_6060=QTY	Requirement type=4 (forecast)	
	DEL_7803=	Requirement frequency=2 (weekly)	
	DEL_6811=4	Schedule date = first date of week, that means monday of week)	
		Schedule quantity=QTY	

Requirement type	Presentation in DELINS	Proposed conversion in BEMIS SA4
Weekly requirement	DEL_2836=YYWWYYWW	For every week in the range from – to:
from – to	DEL_6060=QTY	Year=YYYY
delivery	DEL_7803=	Week=WW (appropriate week of the period)
forecast fabrication	DEL_6811=1,2	Requirement type=2 (released)
authorization		Requirement frequency=2 (weekly)
		Schedule date = first monday in week
		Schedule quantity=Schedule_Quantity/number of weeks
		If remainder an integer, value is added to weekly quantity of first period.
Forecast weekly	DEL_2836=YYWWYYWW	For every week in the range from – to:
requirement from –	DEL_6060=QTY	Year=YYYY
row matorial	DEL_7803=	Week=WW (appropriate week of that period)
authorization	DEL_6811=3	Requirement type=3 (planned)
		Requirement frequency=2 (weekly)
		Schedule date = first monday in week
		Schedule quantity=Schedule_quantity/number weeks
		If remainder an integer, value is added to weekly quantity of first period.
Forecast weekly	DEL_2836=YYWWYYWW	For every week in the range from – to:
requirement from –	DEL_6060=QTY	Year=YYYY
10	DEL_7803=	Week=WW (appropriate week of that period)
	DEL_6811=4	Requirement type=4 (forecast)
		Requirement frequency=2 (weekly)
		Schedule date = first monday in week
		Schedule quantity=Schedule_quantity/ number of weeks
		If remainder an integer, value is added to weekly quantity of first period.

Requirement type	Presentation in DELINS	Proposed conversion in BEMIS SA4		
Monthly requirement	DEL_2836=YYMMDD	Year=YYYY		
delivery	DEL_2805=YYMMDD	Week=WW (week of first monday in month)		
forecast fabrication	DEL_6060=QTY	Requirement type=2 (released)		
authorization	DEL_7803=	Requirement frequency=3 (monthly)		
	DEL_6811=1,2	Schedule date = first monday in month		
		Schedule quantity=Schedule quantity (Abruf- Menge)		
Forecast monthly	DEL_2836=YYMMDD	Year=YYYY		
requirement raw	DEL_2805=YYMMDD	Week=WW (week of first monday in month)		
authorization	DEL_6060=QTY	Requirement type=3 (planned)		
	DEL_7803=	Requirement frequency=3 (monthly)		
	DEL_6811=3	Schedule date = First monday in month		
		Schedule quantity=Schedule quantity (Abruf- Menge)		
Forecast monthly	DEL_2836=YYMMDD	Year=YYYY		
requirement	DEL_2805=YYMMDD	Week=WW (week of first monday in month)		
	DEL_6060=QTY	Requirement type=4 (forecast)		
	DEL_7803=	Requirement frequency=3 (monthly)		
	DEL_6811=4	Schedule date = first monday in month		
		Schedule quantity=Schedule quantity (Abruf- Menge)		
Over delivery	DST_6806=Over delivery	SA2_Overdelivery=DST_6806		

Requirement type	Presentation in GM's DELFOR D97A	Proposed conversion in BEMIS SA4		
released / weekly	SSC_4017 = 1	Year=YYYY		
	SSC_2013 = W	Week=WW		
	QTY_6060 = quantity	Requirement type=2 (released)		
	for the time periode	Requirement frequency=2 (weekly)		
	DTM_2005 = 2	Schedule date = DTM_2380		
	DTM_2380 = Monday of the week	Schedule quantity=QTY_6060		
released / week	SSC_4017 = 1	Year=YYYY		
from - to	SSC_2013 = F	Week=WW (the week of the current		
	QTY_6060 = quantity	period)		
	for the time periode	Requirement type=2 (released)		
	$DTM_{2005} = 2$	Requirement frequency=2 (weekly)		
	DTM_2380 = Monday of the week	Schedule date = DTM_2380 (Monday of the week)		
	DTM_2005 =159	Schedule quantity=QTY_6060 / numbers		
	DTM_2380 = Sunday of the last week	of recognized weeks within the related period if the remainder is an integer		
planned / weekly	SSC_4017 = 4	Year=YYYY		
	SSC_2013 = W	Week=WW		
	QTY_6060 = quantity	Requirement type=3 (planned)		
	for the time periode	Requirement frequency=2 (weekly) Schedule date = DTM_2380		
	$DTM_{2005} = 2$			
	DTM_2380 = Monday of the week	Schedule quantity=QTY_6060		
planned / week	SSC_4017 = 4	Year=YYYY		
trom - to	SSC_2013 = F	Week=WW (the week of the current		
	QTY_6060 = quantity for the time periode	Requirement type=3 (planned)		
	DTM_2005 = 2	Requirement frequency=2 (weekly)		
	DTM_2380 = Monday of the week	Schedule date = DTM_2380 (Monday of the week)		
	DTM_2005 =159	Schedule quantity=QTY_6060 /numbers		
	DTM_2380 = Sunday of the last week	of recognized weeks within the related period if the remainder is an integer		

Description of requirement types for GM's DELFOR D97A in BEMIS (incoming) (Proposal)

Some remarks to the segment groups 17 an 18 of GM's DELFOR D97A:

Frequency:

- 1 Weekly Period this means: start date of the period only
- 2 Free Period this means: start and end date
- 3 the start date is always a monday
- 4 the end date is always a Sunday
- 5 there is always chronological sequence of the requirements

Requirement typs:

- 1 released
- 2 planned

SA5 Schedule Authorizations

Frequency: Repeatable by item number

Description: This kind of data record is used to transmit schedule authorization data. These data refer to the appropriate item number which is indicated in the previous data record SA2.

SCHEDULE INHOUSE FORMAT			Mapping fromMapping to ApplicatiApplication TableFieldsFieldsFields		plication			
Pos	FIELD DESCRIPTION	Key	ST	FM	Table Field	Action	Table Field	Action
1.	Kind of data record	O/I	М	an3	SA5		SA5	
2.	Message reference	O/I	М	an14	tcedi701.bano		tcedi702.bano	
3.	Supplier number (out) Network address	0	М	an6	tdpsc001.suno			
	customer (in)	I	Μ	an17			dssc002.cuno	
4.	Key field delivery address	O/I	М	an20	tdpsc001.plnt + tdpsc001.delp		tdssc102.cdel	
5.	Customer's item number		М	an35	tdpsc002.item		tdssc102.item	
6.	Authorization code		С	an2	tdpsc051.auth		tdssc151.auth	Check of value range
7.	Start horizon date		С	n8	tdpsc051.cfsd		tdssc151.cfsd	
8.	End horizon date		С	n8	tdpsc051.cfed		tdssc151.cfed	
9.	Cumulative quantity this release		С	n10	tdpsc051.cqtr		tdssc151.cqtr	
10.	Data record end sign		С	an7	SA5_END		SA5_END	

Detailed description

Position	1	Field format	an3	Field status	Μ		
Field name	Kind of data record			(Key field out/in))		
Description:	This field identifies the kind of data record in the message block. It contains the fixed value 'SA5'.						
Processing outgo	ing outgoing						
EDI subsystem:							
BAAN: This fiel	d is filled	l with the fixed va	lue 'SA5	·			
Processing incom	ning						
EDI subsystem:	This fiel	d is filled with the	e fixed va	lue 'SA5'.			
BAAN:	keine						
Position	2	Field format	an14	Field status	Μ		
Field name	Message	e reference		(Key field out/in))		
Description:	This field identifies all connected data records of one schedule. The message reference, which has to be unique by schedule, helps to control the chronological order of the schedules and the complete transmission.						
Processing outgo	ing						
EDI subsystem:							
BAAN:	Refer to	data record SA2.					
Processing incom	ning						
EDI subsystem:	Refer to	data record SA2.					
BAAN:	Refer to	data record SA2.					

Position	3 out	Field format	an6	Field status	Μ			
Field name	Suppli	er number	(Key field out/	/in)				
Description:	This fie applied	This field contains the identification which the customer applied to the supplier.						
Processing outgo	oing							
EDI subsystem:								
BAAN:	Refer t	o data record SA2	2.					
Position	3 in	Field format	an17	Field status	Μ			
Field name	Netwo	rk address custo	mer	(Key field out/	/in)			
Description:	This fie	eld contains the n	etwork ad	dress of the cust	omer.			
Processing incor	ning							
EDI subsystem:	Refer t	o data record SA2	2.					
BAAN:	Refer t	o data record SA2	2.					
Position	4	Field format	an20	Field status	Μ			
Field name	Key fie	eld delivery addı	ress	(Key field out/	/in)			
Description:	This fie custom	eld contains the k	ey for the	delivery address	of the			
Processing outgo	oing							
EDI subsystem:								
BAAN:	Refer t	o data record SA2	2.					
Processing incor	ning							
EDI subsystem:	Refer t	o data record SA2	2.					
BAAN:	Refer t	o data record SA2	2.					

Position	5	Field format	an35	Field status	Μ		
Field name	me Customer's item number						
Description:	This fie applied	ld contains the id to the required it	entificatio em.	on which the cus	tomer		
Processing outgo	oing						
EDI subsystem:							
BAAN:	Refer to	data record SA2					
Processing incom	ning						
EDI subsystem:	Refer to	Refer to data record SA2.					
BAAN:	Refer to	Refer to data record SA2.					
Position	6	Field format	an2	Field status	С		
Field name		Authorization	code				
Description:	This field indicates, which authorization code types are transmitted by this data record. Valid values: FAB = fabrication authorization RAW = raw material authorization						
Processing outgo	oing						
EDI subsystem:							
BAAN:	Mappin	g of BAAN table	field tdps	sc051.auth to pos	sition.		
Processing incom	ning						
EDI subsystem:	The ED this fiel	I subsystem enter d on the basis of	rs the abo the data ir	ve mentioned va n the transmissio	lues into n file.		

BAAN: Mapping to BAAN table field tdssc151.auth

Position	7	Field format	n8	Field status	С					
Field name	Start horizon date									
Description:	All schedules from the customer in the range from Start horizon date to End horizon date are obligatory and can be authorized by the supplier for fabrication and raw material obtaining. This field contains the starting date (format: YYYYMMDD).									
Processing outgo	Processing outgoing									
EDI subsystem:										
BAAN:	Mapping of BAAN table field tdpsc051.cfsd to position.									
Processing incom	Processing incoming									
EDI subsystem:	Transmission of the value from the transmission file.									
BAAN:	Mappir	ng to BAAN table	e field tds	sc151.cfsd						
Position	8	Field format	n8	Field status	С					
Field name		End horizon d	ate							
Description:	All schedules from the customer in the range from Start horizon date to End horizon date are obligatory and can be authorized by the supplier for fabrication and raw material obtaining. This field contains the end date (format: YYYYMMDD).									
Processing outgo	oing									
EDI subsystem:										
BAAN:	Mapping of BAAN table field tdpsc051.cfed to position.									
Processing incom	Processing incoming									
	Transmission of the value from the transmission file.									

BAAN: Mapping to BAAN table field tdssc151.cfed

Position	9	Field format	n10	Field status	С					
Field name		Cumulative quantity this release								
Description:	All schedule requirements where the cumulated quantites are less than the cumulative quantity this release, are obligatory and can be authorized by the supplier for fabrication and raw material obtaining.									
Processing outgo	oing									
EDI subsystem:										
BAAN:	Mappin	Mapping of BAAN table field tdpsc051.cqtr to position.								
Processing incoming										
EDI subsystem:	Transmission of the value from the transmission file.									
BAAN:	Mappin	Mapping to BAAN table field tdssc151.cqtr								
Position	10	Field format	an7	Field status	Μ					
Field name		Satzendekennu	ıng							
Description:	This fie fixed va	ld indicates the e llue 'SA5_END'	nd of the	data record. It co	ontains the					
Processing outgo	oing									
EDI subsystem:										
BAAN:	This fie	ld is filled with t	he fixed v	alue 'SA5_END						
Processing incor	ning									
EDI subsystem:	This fie	ld is filled with t	he fixed v	alue 'SA5_END	· .					
BAAN:	None									

Message Type Schedule Definition of BEMIS 2.0 Inhouse Format 2-81

SA6 Schedule 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 kind of data record supports the transmission of packaging information, which can be used for the required item of the previous data record of the data record SA2 (item number, capacity): This kind of data record is repeatable if several packagings have to be used.

1

SCHEDULE INHOUSE FORMAT					Mapping from A	Application	Mapping to Application Fields	
Pos	FIELD DESCRIPTION	DESCRIPTION Key		FM	Table Field	Action	Table Field	Action
1	Kind of data record	J	М	an3	SA6	Evaluation expression PI1	SA6	
2	Message reference	J	М	an14	tcedi701.bano		tcedi702.bano	
3	Supplier number (out)	J	М	an6	tdpsc001.suno		tdssc102.cuno	
	Network address customer (in)	J	Μ	an17				
4	Key field delivery	J	М	an20	tdpsc001.plnt +		tdssc102.cdel	
	address				tdpsc001.delp			
5	Customer's item number	J	Μ	an35	tdpsc002.item		tdssc102.item	
6	Customer's item number for packaging1		Μ	an35	tdpsc001.utyp	Evaluation expression PI1	tdssc231.cpak	
7	Supplier's item number for packaging 1		Μ	an35	tdpsc001.utyp	Evaluation expression PI1	tdssc231.pack	Convers ion
8	Quantity of articles in package 1		Μ	n9	tdpsc001.uqty	Evaluation expression PI1	tdssc231.cqty	
9	Flag 'Full packaging only 1'		Μ	n1	tdpsc001.uful	Evaluation expression PI1	Blank	
10	Qualifier for Item number		Μ	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	М	Evaluation expression PI1	tdssc231.ptyp	
13	Number of Packages		Μ	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	Data record end sign		М	an7	SA6_END	Evaluation expression PI1	SA6_END	

Packaging leve	(outgoing) - All	packagings ((incoming)
i uonuging iovo	(outgoing) rin	paonagingo	(meoning)

SCHE	DULE INHOUSE FORMAT	Mapping from A Table Fields	Mapping from Application Table Fields				
Pos	FIELD DESCRIPTION	Key	ST	FM	Table Field	Action	
1	Kind of data record	J	М	an3		Evaluation expression PI2	
2	Message reference	J	М	an14	tcedi701.bano		
3	Supplier number (out)	J	М	an6	tdpsc001.suno		
		J	М	an17			
	Network address customer (in)						
4	Key field delivery address	J	М	an20	tdpsc001.plnt +		
					tdpsc001.delp		
5	Customer's item number		М	an35	tdpsc002.item		
6	Customer's item number for packaging 2		М	an35	tdpsc001.mtyp	Evaluation expression PI2	
7	Supplier's item number for packaging 2		С	an35	tdpsc001.mtyp	Evaluation expression PI2	
8	Quantity of articles 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	Data record end sign		М	an7	SA6_END	Evaluation expression PI2	

2 Packaging level (outgoing)

SCHE	DULE INHOUSE FORMAT	Mapping from Application Table Fields				
Pos	FIELD DESCRIPTION	Key	ST	FM	Table Field	Action
1	Kind of data record	J	Μ	an3		Evaluation expression PI3
2	Message reference	J	М	an14	tcedi701.bano	
3	Supplier number (out)	J	М	an6	tdpsc001.suno	
		J	М	an17		
	Network address customer (in)					
4	Key field delivery address	J	М	an20	tdpsc001.plnt +	
					tdpsc001.delp	
5	Customer's item number		М	an35	tdpsc002.item	
6	Customer's item number for packaging 3		Μ	an35	tdpsc001.btyp	Evaluation expression PI3
7	Supplier's item number for packaging 3		С	an25	tdpsc001.btyp	Evaluation expression PI3
8	Quantity of articles in package 3		Μ	n9	tdpsc001.bqty	Evaluation expression PI3
9	Flag 'Full packaging only 3'		Μ	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		Μ	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	Data record end sign		М	an7	SA6_END	Evaluation expression PI3

3 Packaging level (outgoing)

SCHEE	DULE INHOUSE FORMAT	Mapping from Application Table Fields				
Pos	FIELD DESCRIPTION	Key	ST	FM	Table Field	Action
1	Kind of data record	J	М	an3		Evaluation expression PI4
2	Message reference	J	М	an14	tcedi701.bano	
3	Supplier number (out)	J	М	an6	tdpsc001.suno	
		J	М	an17		
	Network address customer (in)					
4	Key field delivery address	J	М	an20	tdpsc001.plnt +	
					tdpsc001.delp	
5	Customer's item number		М	an35	tdpsc002.item	
6	Customer's item number for packaging 4		М	an35	tdpsc001.atyp	Evaluation expression PI4
7	Supplier's item number for packaging 4		С	an35	tdpsc001.atyp	Evaluation expression Pl4
8	Quantity of articles in package 4		М	n9	tdpsc001.aqty	Evaluation expression Pl4
9	Flag 'Full packaging only 4'		М	n1	tdpsc001.aful	Evaluation expression PI4
10	Qualifier for Item number		М	an2	SA	Evaluation expression PI4
11	Packaging Level		М	n1	1	Evaluation expression PI4
12	Packaging Type		С	an1	М	Evaluation expression PI4
13	Number of Packages		С	n4	empty	Evaluation expression PI4
14	Sales Unit		С	an3	tdpsc001.cuqp	Evaluation expression PI4
15	Package Description		С	an35	empty	Evaluation expression Pl4
16	Code List Agency		С	an3	empty	Evaluation expression PI4
17	Data record end sign		М	an7	SA6_END	Evaluation expression PI4

4 Packaging level (outgoing)

Detailed description

Position	1	Field format	an3	Field status	М				
Field name	Kind of	data record		(Key field out/	in)				
Description:	This field identifies the kind of data record in the message block. It contains the fixed value 'SA6'.								
Processing outgo	ing								
EDI subsystem:									
BAAN:	This fiel	d is filled with th	e fixed va	alue 'SA6'.					
Processing incom	ning								
EDI subsystem:	stem: This field is filled with the fixed value 'SA6'.								
BAAN:	None								
Position	2	Field format	9n 14	Field status	М				
robition	-	i ieiu ioiiiiui	an17	i ieid status	1.1				
Field name	- Message	e reference	an17	(Key field out/	in)				
Field name Description:	Message This fiel The num unique b chronolo transmis	d identifies all conserved to the terms of the method between the terms of the method shipment notifing the terms of t	onnected c onsage refe ication, he e schedule	(Key field out/ data records of o erence, which ha elps to control th es and the compl	in) ne schedule. s to be le lete				
Field name Description: Processing outgo	Message This fiel The num unique b chronolo transmis ing	d identifies all conserved of the me obering of the me by shipment notif ogical order of the sion.	onnected c ssage refe ication, he e schedule	(Key field out/ lata records of o erence, which ha elps to control th es and the compl	in) ne schedule. s to be le lete				
Field name Description: Processing outgo EDI subsystem:	Message This fiel The num unique b chronolo transmis ing	d identifies all conserved of the me observed of the me by shipment notif ogical order of the sion.	onnected c ssage refe ication, he e schedule	(Key field out/ lata records of o prence, which ha elps to control th es and the compl	in) ne schedule. s to be le ete				
Field name Description: Processing outgo EDI subsystem: BAAN:	Message This fiel The num unique b chronolo transmis ing Refer to	d identifies all conserved of the method of the sion.	onnected consistence of the second se	(Key field out/ lata records of o erence, which ha elps to control th es and the compl	in) ne schedule. s to be le ete				
Field name Description: Processing outgo EDI subsystem: BAAN: Processing incom	Message This fiel The num unique b chronolc transmis ing Refer to hing	d identifies all conserved of the method of the sion.	onnected c ssage refe ication, he e schedule	(Key field out/ data records of o erence, which ha elps to control th es and the compl	in) ne schedule. s to be le lete				
Field name Description: Processing outgo EDI subsystem: BAAN: Processing incom EDI subsystem:	Message This fiel The num unique b chronolo transmis ing Refer to ning Refer to	e reference d identifies all conserving of the me by shipment notif ogical order of the sion. data record SA2	onnected c ssage refe ication, he e schedule	(Key field out/ lata records of o erence, which ha elps to control th es and the compl	in) ne schedule. s to be le lete				

) Inhouse Format	2.0	BEMIS	1 0	Definition	Schedule	Туре	Message
2-87							

Position	3 out	Field format	an6	Field status	Μ
Field name	Suppli	er number		(Key field out/	'in)
Description:	This field	eld contains the id to the supplier.	dentificatio	on which the cus	tomer
Processing outgo	oing				
EDI subsystem:					
BAAN:	Refer t	o data record SA	2.		
Position	3 in	Field format	an17	Field status	Μ
Field name	Netwo	rk address custo	mer	(Key field out/	'in)
Description:	This fie	eld contains the n	etwork ad	dress of the cust	omer.
Processing incom	ning				
EDI subsystem:	Refer t	o data record SA	2.		
BAAN:	Refer t	o data record SA	2.		
Position	4	Field format	an20	Field status	М
Field name	Key fie	eld delivery add	ress	(Key field out/	'in)
Description:	This fie custom	eld contains the k	ey for the	delivery address	of the
Processing outgo	oing				
EDI subsystem:					
BAAN:	Refer t	o data record SA	2.		
Processing incom	ning				
EDI subsystem:	Refer t	o data record SA	2.		
BAAN:	Refer t	o data record SA	2.		

Position	5	Field format	an35	Field status	М				
Field name	Customer's item number								
Description:	This field contains the identification which the customer applied to the required item.								
Processing outgo	oing								
EDI subsystem:									
BAAN:	Refer to	o data record SA2	2.						
Processing incor	ning								
EDI subsystem:	Refer to	Refer to data record SA2.							
BAAN:	Refer to	Refer to data record SA2.							
Position	6	Field format	an35	Field status	М				
Field name		Customer's ite	em numbe	r for packagin	g				
Description:	This fie applied	ld contains the id to the packaging	lentifications for the re-	on which the cus quired item.	stomer				
Processing outgo	oing								
EDI subsystem:									
BAAN:	Mapping of BAAN table field Tdpsc001.utyp/mtyp/btyp/atyp to position.								
Processing incor	ning								
EDI subsystem:	EDI subsystem: Transmission of the value from the transmission file.								
BAAN:	Mapping to BAAN table field tdssc231.cpak.								

Message Type Schedule Definition of BEMIS 2.0 Inhouse Format 2-89

Position	7	Field format	an35	Field status	С			
Field name	Supplier's item number for packaging							
Description:	This field contains the identification number which the supplier applied to the packaging for the required item. This field contains the same values as the previous position, because in BAAN there is only one article number by packaging available.							
Processing outgoing								
EDI subsystem:								
BAAN:	Mapping of BAAN table field Tdpsc001.utyp/mtyp/btyp/atyp to position.							
Processing incoming								
EDI subsystem:	Transm	ission of the valu	e from the	e transmission file	e.			
DAAN	Mapping to BAAN table field tdssc231.pack.							
DAAN.	Mappin	ig to DAAN table	e neia tass	с251.раск.				
Position	8	Field format	n9	Field status	М			
Position Field name	8	Field format Quantity of ar	n9 ticles in p	Field status ackage	M			
Position Field name Description:	8 This fie packagi	Field format Quantity of ar Id contains infor	n9 ticles in p	Field status ackage out the capacity o	M f the			
Position Field name Description:	8 This fie packagi The fac packagi	Field format Quantity of ar Id contains infor ing. tor indicates how ing are or can be	n9 ticles in p mation abo many uni	Field status ackage out the capacity o its of the next sma n this packaging.	M f the aller			
Position Field name Description: Processing outgo	This fie packagi The fac packagi	Field format Quantity of ar Id contains infor ing. tor indicates how ing are or can be	n9 ticles in p mation abo many uni included i	Field status ackage out the capacity o its of the next sma n this packaging.	M f the aller			
Position Field name Description: Processing outgo EDI subsystem:	8 This fie packagi The fac packagi	Field format Quantity of ar Id contains infor ing. tor indicates how ing are or can be	n9 ticles in p mation abo many uni included i	Field status ackage out the capacity o its of the next sma n this packaging.	M f the aller			
Position Field name Description: Processing outgo EDI subsystem: BAAN:	8 This fie packagi The fac packagi ing Mappin Tdpsc0	Field format Quantity of ar Id contains infor- ing. tor indicates how ing are or can be g of BAAN table 01.uqty/mqty/bqt	n9 ticles in p mation abo y many uni included i	Field status ackage out the capacity o its of the next sma n this packaging.	M f the aller			
Position Field name Description: Processing outgo EDI subsystem: BAAN: Processing incon	8 This fie packagi The fac packagi ing Mappin Tdpsc00	Field format Quantity of ar Id contains infor- ing. tor indicates how ing are or can be g of BAAN table 01.uqty/mqty/bqt	n9 ticles in p mation abo many uni included i e field ty/aqty to p	Field status ackage out the capacity o its of the next sma n this packaging.	M f the aller			
Position Field name Description: Processing outgo EDI subsystem: BAAN: Processing incon EDI subsystem:	Mappin 8 This fie packagi The fac packagi bing Mappin Tdpsc00 ning Transm	Field format Quantity of ar Id contains infor- ing. tor indicates how ing are or can be of BAAN table 01.uqty/mqty/bqt ission of the valu	n9 ticles in p mation abo many unitionabo many unitionabo ma	Field status ackage out the capacity o its of the next sma n this packaging. position. e transmission file	M f the aller			
Position	9	Field format	n1	Field status	Μ			
------------------	---	---	-------------	---------------------	---	--	--	--
Field name		Flag 'Full packaging only'						
Description:	This fie complet '1' = '2' =	ld indicates if th tely. Yes (packaging No	e packagi	ng has to be filled	l			
Processing outgo	oing							
EDI subsystem:								
BAAN:	Mappin to posit	Mapping of BAAN table field tdpsc001.uful/mful/bful/aful to position.						
Processing incon	ning							
EDI subsystem:								
BAAN:	This fie	This field is not used at the moment.						
Position	10	Field format	an2	Field status	Μ			
Field name		Qualifier item	n number					
Description:	This field contains the qualifier item number which is used to determine the item number from the <i>Customer's item number</i> in position 6. This position must be filled with the constant value 'SA' ('SA' = supplier's item number).							
Processing outgo	oing							
EDI subsystem:								
BAAN:	This fie	ld is filled with	the fixed v	alue 'SA'.				
Processing incon	ning							
EDI subsystem:	This fie	ld is filled with	the fixed v	value 'SA'.				
BAAN:	The qua Tcedi23 when th custome	The qualifier must be present in 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	11	Field format	n1	Field status	Μ			
Field name		Packaging Lev	vel					
Description:	This fie package '1' = '2' = '3' =	ld indicates if th e. Inner Package .Intermediate Pa Outer Package/	e packag ickage Handling	ge is an inner or an g Unit (HU)	outer			
Processing outgo	oing							
EDI subsystem:								
BAAN:	Mappin	Mapping of "1", "2" or "3".						
Processing incor	ning							
EDI subsystem:	Transm	Transmission of the value from the transmission file.						
BAAN:	Mappin	Mapping to BAAN table field tdssc231.plvl.						
Position	12	Field format	n1	Field status	С			
Field name		Packaging Ty	pe					
Description:	This fie auxiliar 'M' = 'A' =	ld indicates if th y Main Auxiliary	e packag	ing is of type main	1 or			
Processing outgo	oing							
EDI subsystem:								
BAAN:	Mappin	g of "M" or "A	' .					
Processing incor	ning							
EDI subsystem:	Transm	Transmission of the value from the transmission file.						
BAAN:	Mappin An emp	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 Package	S					
Description:	Numb	er of inner packag	es per ou	ter package				
Processing outgo	oing							
EDI subsystem:								
BAAN:	left en	left empty						
Processing incom	ning							
EDI subsystem:	Transı	mission of the valu	ue from th	e transmission fi	le.			
BAAN:	Mappi	ing to BAAN table	e field tds	sc231.puqt				
Position	14	Field format	an3	Field status	С			
Field name		Sales Unit						
Description:	Intern	al Sales Unit						

Processing outgoing

EDI subsystem:

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

Processing incoming

EDI subsystem: Transmission of the value from the transmission file.

BAAN: Mapping to BAAN table field tdssc231.cuqs by use of Conversion Table tcedi304.

Position	15	Field format	an35	Field status	С
Field name		Package Descr	iption		
Description:	Custom	er's Package des	cription		
Processing outgo	ing				
EDI subsystem.	1.0				
BAAN:	left emp	oty			
Processing incon	ning				
EDI subsystem:	Transmi	ission of the valu	e from the	e transmission file.	
BAAN:	Mappin	g to BAAN table	e field tdss	c231.dsca	
D :::	17	D . 110		D' 11 / /	q
Position	16	Field format	an3	Field status	C
Field name		Code List Age	ncy		
Description:	Code lis	st responsible age	ency		
Processing outgo	ing				
EDI subsystem:					

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

Position	17	Field format	an7	Field status	М
Field name		Data record e	nd sign		
Description:	This field the fixed the two sets the two se	eld indicates the e alue 'SA6_END'	end of the	data record. It co	ontains the

Processing outgoing

EDI subsystem:

BAAN: This field is filled with the fixed value 'SA6_END'.

Processing incoming

EDI subsystem: This field is filled with the fixed value 'SA6_END'.

BAAN: None

SA7 Schedule Delivery History

Status:	Conditional
Frequency:	Once by item number
Description:	This kind of data record supports the transmission of information about the last deliveries of the required iter

information about the last deliveries of the required item. The data record contains the shipping note number and the shipping note date (special ODETTE DELINS requisition).

SCHEDULE INHOUSE FORMAT			Mapping from Application Table Fields		Mapping to Application Fields			
Pos	FIELD DESCRIPTION	Key	ST	FM	Table Field	Action	Table Field	Action
1	Kind of data record	O/I	М	an3	SA7		SA7	
2	Message reference	O/I	М	an14	tcedi701.bano		tcedi702.bano	
3	Supplier number (out)	0	Μ	an6	tdpsc001.suno			
	Network address customer (in)	I	М	an17			tdssc102.cuno	
4	Key field delivery	O/I	М	an20	tdpsc001.plnt +		tdssc029.cdel	
	address				tdpsc001.delp			
5	Customer's item number		Μ	an35	tdpsc002.item		tdssc102.item	
6	Number of second last shipping note (receipt)		М	an9	tdpsc007.dino		tdssc102.txta	
7	Date of second last shipping note (receipt)		М	n8	tdpsc007.didt		tdssc102.txta	
8	Number of third last shipping note (receipt)		С	an9	tdpsc007.dino		tdssc102.txta	
9	Date of third last shipping note (receipt)		С	n8	tdpsc007.didt		tdssc102.txta	
10.	Quantity of the second last shipping note (receipt)		С	n15	tdpsc007.rqty		tdssc102.txta	
11.	Quantity of third last shipping note (receipt)		С	n15	tdpsc007.rqty		tdssc102.txta	
12.	Data record end sign		Μ	an7	SA7_END		SA7_END	

Detailed description

Position	1	Field format	an3	Field status	Μ					
Field name	Kind of)								
Description:	This field identifies the kind of data record in the message block. It contains the fixed value 'SA7'.									
Processing outgo	ocessing outgoing									
EDI subsystem:										
BAAN:	This field is filled with the fixed value 'SA7'.									
Processing incom	ning									
EDI subsystem:	This field is filled with the fixed value 'SA7'.									
BAAN:	None									
Position	2	Field format	an14	Field status	Μ					
Field name	Messag	e reference		(Key field out/in))					
Description:	This fiel The num unique b order of	Id identifies all co obering of the meso by schedule, helps the schedules and	nnected d ssage refe to contro the comp	lata records of one prence, which has a the chronologica plete transmission	e schedule. to be il					
Processing outgo	ing									
EDI subsystem:										
BAAN:	Refer to	data record SA2.								
Processing incom	ning									
EDI subsystem:	Refer to	data record SA2.								
BAAN:	Refer to	data record SA2.								

Position	3 out	Field format	an6	Field status	Μ		
Field name	Suppli	er number		(Key field out	/in)		
Description:	This fie custom	This field contains the identification number which the customer applied to the supplier.					

Processing outgoing

EDI subsystem:

BAAN: Refer to data record SA2.

Position	3 in	Field format	an17	Field status	М		
Field name	Netw	ork address custo	(Key field out/	in)			
Description:	This f	This field contains the network address of the customer.					
Processing incom	ning						
EDI subsystem:	Refer	Refer to data record SA2.					
BAAN:	Refer	to data record SA	2.				
Position	4	Field format	an20	Field status	Μ		
Field name	Key f	ield delivery add	ress	(Key field out/	'in)		
Description:	This f	ield contains the k ner.	ey for the	delivery address	of the		
Processing outgo	oing						
EDI subsystem:							
BAAN:	Refer	to data record SA	2.				
Processing incom	ning						
EDI subsystem:	Refer	to data record SA	2.				
BAAN:	Refer	to data record SA	2.				

Position	5	Field format	an35	Field status	М
Field name		Customer's iter	n numbe	r	
Description:	This fiel custome	ld contains the ide er applied to the re	entificatio	on number, whic em.	h the
Processing outgo	oing				
EDI subsystem:					
BAAN:	Refer to	data record SA2.			
Processing incon	ning				
EDI subsystem:	Refer to	data record SA2.			
BAAN:	Refer to	data record SA2.			
Position	6	Field format	an9	Field status	М
Field name		Number of seco	nd last s	hipping note	
Description:	This field contains the shipping note number of the second last delivery of this item which the customer received and booked.				
Processing outgo	oing				
EDI subsystem:					
BAAN:	Mappin	g of BAAN table	field tdps	c007.dino to po	sition.
Processing incon	ning				
EDI subsystem:	Transm	ission of the value	e from the	e transmission fi	le.
BAAN:	Mappin	g to BAAN table	field tdss	c102.txta.	
Position	7	Field format	n8	Field status	М
Field name		Date of second	last shipp	oing note	
Description:	This fiel last deli booked	ld contains the dat very of this item v (format: YYYYM	te of the s which the IMDD).	shipping note of customer receiv	the second ved and
Processing outgo	oing				
EDI subsystem:					
BAAN:	Mappin	g of BAAN table	field tdps	c007.didt to pos	sition.

Processing incoming									
EDI subsystem:	Transm	Transmission of the value from the transmission file.							
BAAN:	Mappin	Mapping to BAAN table field tdssc102.txta							
Position	8	8 Field format an9 Field status C							
Field name	Number of third last shipping note								
Description:	This fie last deli booked	This field contains the shipping note number of the third last delivery of this item which the customer received and booked.							
Processing outgoing									
EDI subsystem:									
BAAN:	Mapping of BAAN table field tdpsc007.dino to position.								
Processing incoming									
EDI subsystem:	Transmission of the value from the transmission file.								
BAAN:	Mappin	g to BAAN table	field tdss	c102.txta					
Position	9	Field format	n8	Field status	С				
Field name		Date of the thir	d last shi	pping note					
Description:	This fie delivery (format	ld contains the da of this item whic YYYYMMDD)	te of the s ch the cus	shipping note of tomer received a	the third last and booked				
Processing outgo	oing								
EDI subsystem:									
BAAN:	Mappin	g of BAAN table	field tdps	sc007.didt to pos	ition.				
Processing incoming									
EDI subsystem:	Transm	ission of the value	e from the	e transmission fil	le.				
BAAN:	Mappin	g to BAAN table	field tdss	c102.txta					

Position	10	Field format	n15	Field status	С
Field name		Quantity of the	e second l	ast shipping no	te (receipt)
Description:	This field contains the quantity of the shipping note of the second last delivery of this item which the customer received and booked.				
Processing outgo	ing				
EDI subsystem:					
BAAN:	Mappin	g of BAAN table	e field tdps	sc007.didt to pos	sition.
Processing incon	ning				
EDI subsystem:	Transm	ission of the valu	e from the	e transmission fi	le.
BAAN:	Mapping to BAAN table field tdssc102.txta				
Position	11	Field format	n15	Field status	С
Field name		Quantity of the	e third las	st shipping note	(receipt)
Description:	This field contains the quantity of the shipping note of the third last delivery of this item which the customer received and booked.				
Processing outgoing					
EDI subsystem:					
BAAN:	Mappin	g of BAAN table	e field tdps	sc007.didt to pos	sition.
Processing incoming					
EDI subsystem:	Transmission of the value from the transmission file.				
BAAN:	Mapping to BAAN table field tdssc102.txta				
Position	12	Field format	an7	Field status	Μ
Field name		Data record er	ıd sign		
Description:	This fie fixed va	ld indicates the e alue 'SA7_END'	nd of the o	data record. It co	ontains the
Processing outgo	ing				
EDI subsystem:					
BAAN:	This fie	ld is filled with t	he fixed v	alue 'SA7_END	

Processing incoming

EDI subsystem: This field is filled with the fixed value 'SA7_END'.

BAAN: None

Glossary of terms and abbreviations

ABRUF	Schedule		
Appl	Application		
ANSI	American National Standards Organization		
BEM	Baan Electronic Message - abbreviated form of BEMIS used with the definition of the EDI organization		
BEMIS	Baan Electronic Message Interchange System		
Business partner (BP)	Customer or supplier		
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 (Schedule incoming)
- VDA 4915 (Delivery 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 a 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	types	Company:	600
Organization	: BEM BAAN Electr. Message Int. Sys.		
<u>Code in Message</u>	Description		
ZZ	Delivery address	Choice:	

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

Message Type 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.	
Code in Message	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
<u>Customer</u> <u>Organization</u> Address Code ID	: 000001 : BEM : DP	Volkswagen AG Verband der deutschen autoind. Delivery Address
Code in Message		Code in Application
01601QC 01602QC		001 Werk Wolfsburg Tor1 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.

Evaluation expression	Evaluation text	KIND OF DATA RECORD	POSITION
TXT	No	SA3	7
AUTH	<pre>tdpsc051.auth = tdpsc000.faba or tdpsc051.auth = tdpsc000.rawa</pre>	SA5	6
PI1	tdpsc001.utyp > "	SA6	see above
	or better		
	<pre>strip(tdpsc001.utyp)<>""</pre>		
PI2	tdpsc001.mtyp > " "	SA6	see above
	or better		
	<pre>strip(tdpsc001.mtyp)<>""</pre>		
PI3	tdpsc001.btyp > " "	SA6	see above
	or better		
	<pre>strip(tdpsc001.btyp)<>""</pre>		
PI4	tdpsc001.atyp > " "	SA6	see above
	or better		
	<pre>strip(tdpsc001.atyp)<>""</pre>		
SC4	tdpsc003.dten(7;2) > "00"	SA4	8/1, 8/2, 8/3, 8/4, 8/5, 8/6, 8/7
Q1	tdpsc003.dqty(1) > 0	SA4	15/1
Q2	tdpsc003.dqty(2) > 0	SA4	15/2
Q3	tdpsc003.dqty(3) > 0	SA4	15/3
Q4	tdpsc003.dqty(4) > 0	SA4	15/4
Q5	tdpsc003.dqty(5) > 0	SA4	15/5
Q6	tdpsc003.dqty(6) > 0	SA4	15/6
Q7	tdpsc003.dqty(7) > 0	SA4	15/7

Evaluation expressions

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

"SA7";"F8109904210015";"900200";"DANCKERT-WERK";"HD002";"90000";;"";;0;0;"SA7_END

"SA6";"F8109904210015";"900200";"DANCKERT-WERK";"HD002";"V 001 001 001";"V 001 001 001";1;1;"SA6_END"

"SA5";"F8109904210015";"900200";"DANCKERT-WERK";"HD002";"RA";19980819;19980830;1;"SA5 END"

"SA5";"F8109904210015";"900200";"DANCKERT-WERK";"HD002";"FA";19980819;19980830;1;"SA5_END"

"SA4";"F8109904210015";"900200";"DANCKERT-WERK";"HD002";1998;35;;"2";19980824;"0";0;12;0;1;"SA4 END"

"SA4";"F8109904210015";"900200";"DANCKERT-WERK";"HD002";1998;34;;"2";"1";19980821;"0";0;5;1;;"SA4_END"

"SA2";"F8109904210015";"900200";"DANCKERT-WERK";"HD002";"DP";"ZZ";"SA";"DANCKERT-WERK";100017;19980820;0;;"HD002";"HD002supplier";"5679900";"9999";100010;10;"";"";"PCE";17;"";2;28;2;"";"DDD";199 80820;"";;5;"1";;0;"";"";";0;100;0;"";"HD002";"";"SA2_END"

"SA1";"F8109904210015";"n900200";"F810";"LAB-IO";"BEMIS";"";"Auftr.ref.";19990421;1202;"Nach.ref. alt";"SA1 END"

Sample file