Definition of BEMIS SEQ001 Import and Export File for Business Document Type Sequence Shipping Schedule

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About this guide

This document describes the content and the corresponding structure of the EDI message "Sequence Shipping Schedule", which is supported by Baan Electronic Message, the ERP LN in-house format.

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

- EDIFACT   DELJIT
- ANSI X12   866
- VDA   4916

The message structure is defined by referring to incoming directions and outgoing directions.

The document contains the following chapters:

Chapter 1, "General Principles", provides a general introduction to the EDI in-house format for the Business Document type Sequence Shipping Schedule.

Chapter 2, "Data Record Description by Kind of Data Record", describes in detail the data records used for the EDI in-house format of EDI message Sequence Shipping Schedule.

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

Appendix A, "Sample File", provides a sample file for the outgoing message SEQ001.

Intended audience

This document is intended for the following categories of users:

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

References

The following documents might be of importance:

No.	Document number	Title
1	U8912A US	*User's Guide for BEMIS*
2	U8998A US	*User's Guide for EDI Business Documents*
3	U9443B US	*Definition of BEMIS MRL001 Import and Export File…*

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

Chapter 1   General Principles

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Available types of data records

This section describes the EDI In-house format for the Business Document type Sequence Shipping Schedule (incoming/outgoing). When you transmit information about sequence shipping schedules, the use of the following types of data records is conditional (C) or respectively mandatory (M).

ID	Status	Name
SA1	**M**	**Global Overhead**
SA2	**M**	**Release Header**
SA3	**M**	**Sequence Shipping Details**

Branching diagrams

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

Level
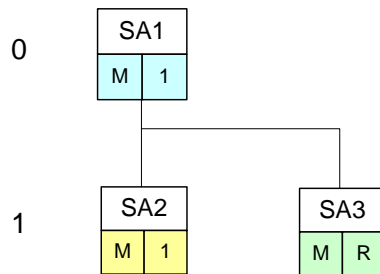
Legend:

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

For example, for two required SEQ releases with each several sequence shipping details the BEMIS file has the following structure:

SA1 ... Global Overhead

SA2 ...   Release Header 1

SA3 ...   Sequence Shipping Details 11

SA3 ...   Sequence Shipping Details 12

SA3 ...   Sequence Shipping Details 13

…

SA3 ...   Sequence Shipping Details 19

SA1 ...   Global Overhead

SA2 ...   Release Header 2

Key fields outgoing

The outgoing message refers to the Buy-from-BP and the Purchase Schedule Release.
The following structure of the key fields is used to determine the corresponding data records of a Sequence Shipping Schedule message:

Sorted by Key Type Data Rec.		key 1	key 2	Key 3	key 4
field 1	Backpt				
SA1		Message ref.	BP net ID		
SA2	1	Message ref.	BP net ID		
SA3	2	Message ref.	BP net ID	Release	Release revision

Key fields incoming

The incoming message refers to the Sold-to-BP and the Sales Schedule Releases. The following structure of the key fields is used to determine the corresponding data records of a Sequence Shipping Schedule message:

Sorted by Key Type Data Rec.	key 1	key 2	Key 3	key 4
field 1	Backpt			
SA1		Message ref.	BP net ID	
SA2	1	Message ref.	BP net ID	
SA3	2	Message ref.	BP net ID	Release	Release revision

Business partner relations

The following table shows the business partner relations:

Outgoing Schedule Releases		Incoming Schedule Releases	
ID of the sender	ecedi020.neta	ID of the sender	ecedi020.neta
Ship-From BP-Code	tdpur320.sfbp	Ship-From BP-Code	tdpur320.sfbp
Warehouse Code	tdpur320.cwar	Warehouse Code	tdpur320.cwar

Network directories

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

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

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

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

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

We recommend using the first possibility or the second possibility if the SEQ001 specifies a previous Material Release [3].

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

- /${BSE}/edi /bemis/schedule/

ERP LN will additionally create the following subdirectories:

- /${BSE}/edi/bemis/schedule/appl_from/
- /${BSE}/edi/bemis/schedule/appl_to/
- /${BSE}/edi/bemis/schedule/command/
- /${BSE}/edi/bemis/schedule/store_recv/
- /${BSE}/edi/bemis/schedule/store_sent/
- /${BSE}/edi/bemis/schedule/trace/

The above mentioned directories refer to one message type, "sequence shipping schedule". The directories have the following functions:

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

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

Direction	File Name	Network Directory
outgoing	SEQ001	/${BSE}/edi/bemis/schedule/appl_from
incoming	SEQ001	/${BSE}/edi/bemis/schedule/appl_to

ERP LN BEMIS messages – conventions

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

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

  Empty numerical Position: "SAx"; … **; ;** … ;"SAx_END"

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

  "SAx"; … **; ;** … ;"SAx_END"   and   "SAx"; … **; "";** … ;"SAx_END"

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

SCHEDULE IN-HOUSE FORMAT				
Pos	Field description	Key	ST	FM

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

Pos   Position of the field in the data record

Field description Description of the field

Key   Key field outgoing (O) / incoming (I)

ST   Field status mandatory (M) / conditional (C)

FM   Field format, for example.

                  an..14 = alphanumerical field with a maximum of 14 characters

                  an14   = alphanumerical field with exactly 14 characters

                  n..10 = numerical field with a maximum of 10 characters

                  n1   = numerical field with exactly 1 character

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

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

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

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

What is new in comparison to BEMIS for BAAN V?

The EDI Delivery Just in Time Message referring to the EDIFACT DELJIT could not be processed in Baan V standard software.

The ERP LN includes the EDI Schedule processing similarly to the Delivery and both the Shipping Schedule and the Production Sequence Schedule application of the Baan IV SCH / SCC / AGS versions.

Additionally the ERP LN In-house format considers the processing of several schedule's releases. The release gives a possibility to collect several schedules and to track the transferred schedules of a Business Partner.
The covering is done by the mandatory data record SA2 in SEQ. A schedule release is only used for the EDI processing.

What is new in comparison to BEMIS for Feature Pack 3 for Infor ERP LN 6.1?

The new version is based on the version for Feature Pack 3 for Infor ERP LN 6.1 and can only be used up from Feature Pack 6 for ERP LN 6.1.

The new defaults for Incoming direction are now based on release table (tdsls316).

Changes SA3 – Sequence Shipping Details

Field Number	Outgoing	Incoming
42 – new	NA	tdsls316.dlpt
45 - new	SA3_END old position was 42	NA

Chapter 2   Data Record Description by Type of Data Record

<div style="text-align: right">2</div>

SA1 Message Overhead

Status: Mandatory

Frequency: Once by Release

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

Load Information - In-house Format					Mapping from Application Table Fields (out)		Mapping to Application Table Fields (in)	
Pos	Field Description	Key	ST	FM	Table field	Action	Table field	Action
1	Kind of data record	O/I	M	an3	SA1		SA1	
2	Message Reference	O/I	M	an..35	ecedi701.bano	Generation (see below)	ecedi702.bano	Generation by EDI Sub-System
3	Net ID of Sender	O/I	M	an..17	ecedi020.neta	Conversion (see below)	ecedi702.bpid	Conversion (see below)
4	Net ID of Receiver		M	an..17	ecedi028.neta	Conversion (see below)		
5	Message		M	an..6	ecedi001.code	Conversion (see below)	ecedi702.mess	Conversion (see below)
6	Organization		M	an..6	ecedi003.code	Conversion (see below)	ecedi702.orga	Conversion (see below)
7	Order type		M	an..35	empty (…;;…)		ecedi702.koor	
8	Transmission reference		M	an..20	ecedi700.orno		ecedi702.msno	

Load Information - In-house Format				Mapping from Application Table Fields (out)		Mapping to Application Table Fields (in)
9	Date / Time of transmission	M	n..14	current date / time		ecedi702.sent
10	Transmission Reference old	C	an..20	empty (…;;…)		ecedi702.prno
11						
12	Identifier of Test	C	an1	ecedi003.test	Empty means original message.	ecedi702.test
13	Data record end sign	M	an7	SA1_END		SA1_END

Detailed description: Sequence Shipping Schedule

Kind of data record: SA1 Message Overhead

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

Position	2	Field Format	an..14	Field Status	M
Field Name		**Message Reference**		**Key field Out / IN**	
Description		This field identifies all connected data records of one Sequence Shipping Schedule. The numbering, which has to be clear by SEQ, helps to control the chronological order of the SEQ and the complete transmission. The field consists of a fix item with four characters, the current date (format: YYMMDD) and a serial number with four characters.			
		The special format will be defined in the network parameters in the ERP LN table ecedi020. When generating the message reference with the EDI Sub-System, the created message reference needs to be specific, which means unique. While storing the message reference ERP LN controls whether it is specific.			
Processing outgoing EDI Sub-System					
ERP LN		ERP LN generates this number to identify an SEQ, stores it in the ERP LN table field ecedi701.bano and writes it into all data records of a SEQ.			
Processing Incoming EDI Sub-System		The EDI Sub-System generates this number to identify a SEQ and writes it into all data records of a Sequence Shipping Schedule.			

Position	2	Field Format	an..14	Field Status	M
Field Name		**Message Reference**		**Key field Out / IN**	
ERP LN		Mapping to ERP LN table field ecedi702.bano.			

Position	3	Field Format	an..17	Field Status	M
Field Name		**Net ID of sender**		**Key field Out / In**	
Description		This field contains the identification of the sender (for example the ILN Number)			
Processing outgoing EDI Sub-System		Transmission of the value from the message file.			
ERP LN		The identification is stored in the ERP LN table ecedi020 'Our Identification' under the corresponding network in the ERP LN table field ecedi020.neta. The content of this field is mapped to the position of the transmission file. Here you can store the general ILN-Number for your customer.			
Processing Incoming EDI Sub-System					
ERP LN		The identification of the sender determines the corresponding business partner (customer) and the network in the table ecedi028 'Relations by network'. This identification is mapped to the ERP LN table field ecedi702.bpid.			

Position	4	Field Format	an..17	Field Status	M
Field Name		**Net ID of Receiver**			
Description		This field contains the identification of receiver.			
Processing outgoing EDI Sub-System					
ERP LN		The identification of the receiver (for example the ILN of the receiver) in the used network is entered in the table ecedi028. The ELP LN table field ecedi028.neta is mapped to this position.			
Processing Incoming EDI Sub-System		Transmission of the value from the message file.			
ERP LN		On the incoming side this field will be ignored.			

Position	5	Field Format	an..6	Field Status	M
Field Name		**Message**			
Description		This field contains the code for the identification of the concerned message. The code for the message type 'Sequence Shipping Schedule' is SHP001.			
Processing outgoing EDI Sub-System		.			
ERP LN		The internal message code ecedi001.code 'SEQ001' of the ERP LN table ecedi001 'Supported EDI messages' is mapped to this position.			
Processing Incoming EDI Sub-System		This field will be filled with the constant value 'SEQ001'.			
ERP LN		The message code in the table ecedi001 'Supported EDI Messages' determines which internal message in ERP LN is connected to this SEQ. In the ERP LN table ecedi005 'EDI Messages' is determined for every message which session (DLL) is used in ERP LN to process the message. The message code is mapped to the ERP LN table field ecedi702.mess.			

Position	6	Field Format	an..6	Field Status	M
Field Name		**Organization**			
Description		This field contains the organization (Standard), which is used for the EDI communication.			
Processing outgoing EDI Sub-System					
ERP LN		The internal organization code ecedi003.code 'BEMIS' from the ERP LN table ecedi003 'Organizations' is mapped to this position.			
Processing Incoming EDI Sub-System		This field will be filled with the constant value 'BEMIS'.			
ERP LN		Mapping to ERP LN table field ecedi702.orga. The corresponding Organization must have been entered into the ERP LN table ecedi003.			

Position	7	Field Format	an..35	Field Status	M
Field Name		**Order Type**			
Description		This field contains a code for the concerned order type; the field is empty referring to the outgoing message SEQ001.			
Processing outgoing EDI Sub-System					
ERP LN		None			
Processing Incoming EDI Sub-System					
ERP LN		Mapping to ERP LN table field ecedi702.koor. In the ERP LN table ecedi200 there must be an entry for this order type in connection with the respective message and organization.			

Position	8	Field Format	an..20	Field Status	M
Field Name		**Transmission Reference**			
Description		This field contains the reference code which the EDI Sub-System applied to this transmission.			
Processing outgoing EDI Sub-System					
ERP LN		The position will be filled with the schedule release number from ERP LN table field ecedi700.orno			
Processing Incoming EDI Sub-System					
ERP LN		Mapping to ERP LN table field ecedi702.msno.			

Position	9	Field Format	n..14	Field Status	M
Field Name		**Date / Time of Transmission**			
Description		This field contains on the outgoing side the current date / time, on which the SEQ message was created. On the incoming side, this field contains the arrival date / time of the message at the EDI Sub-System (format: YYYYMMDDHHMMSS).			
Processing outgoing EDI Sub-System					
ERP LN		Mapping of the current date / time to the position.			

Position	9	Field Format	n..14	Field Status	M
Field Name		**Date / Time of Transmission**			
Processing Incoming EDI Sub-System		Entry of the arrival date / time of the message at the EDI Sub-System.			
ERP LN		Mapping to ERP LN table field ecedi702.send			

Position	10	Field Format	an..20	Field Status	C
Field Name		**Transmission Reference Old**			
Description		This field contains the reference number, which the EDI Sub-System applied to the previous transmission.			
Processing outgoing EDI Sub-System					
ERP LN		Not used			
Processing Incoming EDI Sub-System		Transmission of the value from the transmission file.			
ERP LN		Mapping to ERP LN table field ecedi702.prno.			

Position	12	Field Format	an1	Field Status	C
Field Name		**Identifier of Test**			
Description		This field contains the code that will identify incoming messages for this organization as test messages. A test message is checked, but not copied to the database.			
Processing outgoing EDI Sub-System					
ERP LN		The position will be filled with the ERP LN table field ecedi003.test			
Processing Incoming EDI Sub-System		Transmission of the value from the transmission file.			
ERP LN		Mapping to ERP LN table field ecedi702.test.			

Position	13	Field Format	an7	Field Status	M
Field Name		**Data Record end sign**			
Description		This field identifies the end of data record in the message block. It contains the constant value 'SA1_END'.			
Processing outgoing EDI Sub-System					
ERP LN		This field will be filled with the constant value 'SA1_END'.			
Processing Incoming EDI Sub-System		This field will be filled with the constant value 'SA1_END'.			
ERP LN		None			

SA2 Release Header

Status: Mandatory

Frequency: Once by Release

Description: This data record contains all information of the Release Header and it is related to SA1.

	Load Information - In-house Format				**Mapping from Application Table Fields (out)**		**Mapping to Application Table Fields (in)**	
Pos	**Field Description**	**Key**	**ST**	**FM**	**Table field**	**Action**	**Table field**	**Action**
1	Kind of data record	O/I	M	an3	SA2		SA2	
2	Message Reference	O/I	M	an..35	ecedi701.bano	Generation (see below)	ecedi702.bano	Generation by EDI Sub-System
3	(Net) ID of Sender	O/I	M	an..17	ecedi020.neta	Conversion (see below)	tdsls312.ofbp	Conversion (see below)
4	Release No.		M	an..9	tdpur320.rlno		tdsls312.crln	
5	Release revision		M	n..4	tdpur320.rlrv		tdsls312.crlr	
6	Release type		M	an6	tdpur320.rtyp		tdsls312.rtyp	
7	Transaction set purpose		M	an7	"Replace"			
8	Qualifier Buy-from BP		M	an6	"OFBP"			
9	Buy-from BP		M	an..9	tdpur320.bfbp	Conversion		
10	Qualifier Ship-to BP		M	an6	"STBP"			
11	Ship-from BP		M	an..9	tdpur320.sfbp	Conversion		
12	Ship-to-Address		M	an..6	tdpur320.stad	Conversion	tdsls312.stad	Conversion
13	Shipment/delivery based		M	n1	tdpur320.tqal	Conversion Schedule Type	tdsls312.sodb	Conversion

Load Information - In-house Format				Mapping from Application Table Fields (out)		Mapping to Application Table Fields (in)	
14	Schedule quantity qualifier		M	an1	"A"	tdsls312.qqal	Conversion
15	Forecast Horizon Start Date		M	n..22	tdpur320.fohs	tdsls312.fohs	
16	Forecast Horizon End Date		M	n..22	tdpur320.fohe	tdsls312.fohe	
17	Generation Date		M	n..22	tdpur320.egdt	tdsls312.egdt	
18	Qualifier Address Code		M	an..6	ZZ	ZZ	
19	Warehouse / Ship-to BP		M	an..6	tdpur320.cwar Conversion	tdsls312.stpb Conversion	
20	Data Record End Sign	O/I	M	an7	SA2_END	SA2_END	

Detailed description:　　　　　　　　Sequence Shipping Schedule

Kind of data record:　　　　　　　　SA2 Release Header

Position	1	Field Format	an3	Field Status	M
Field Name		**Kind of Data Record**		**Key field Out / IN**	
Description		This field identifies the kind of data record in the message block. It contains the constant value 'SA2'.			
Processing outgoing EDI Sub-System					
ERP LN		This field will be filled with the constant value 'SA2'.			
Processing Incoming EDI Sub-System		This field will be filled with the constant value 'SA2'.			
ERP LN		None			

Position	2	Field Format	an..35	Field Status	M
Field Name		**Message Reference**		**Key field Out / IN**	
Description		This field identifies all connected data records of one Sequence Shipping Schedule. The numbering, which has to be clear by SEQ, helps to control the chronological order of the SEQ and the complete transmission.			
Processing outgoing EDI Sub-System					
ERP LN		Analogously to data record SA1			
Processing Incoming EDI Sub-System					
ERP LN		Analogously to data record SA1			

Position	3	Field Format	an..17	Field Status	M
Field Name		**(Net) ID of sender**		**Key field Out / In**	
Description		This field contains the identification of the sender (for example the ILN Number)			
Processing outgoing EDI Sub-System		Transmission of the value from the message file.			
ERP LN		The identification is stored in the ERP LN table ecedi020 'Our Identification' under the corresponding network in the ERP LN table field ecedi020.neta. The contents of this field are mapped to the position of the transmission file. Here you can store the general ILN-Number for your customer.			
Processing Incoming EDI Sub-System					
ERP LN		The identification of the sender determines the corresponding business partner (customer) and the network in the table ecedi028 'Relations by network'. This identification is mapped to the ERP LN table field tdsls312.ofbp. Pos. 18 is used as first qualifier, pos. 8 as second qualifier.			

Position	4	Field Format	an..9	Field Status	M
Field Name		**Release Number**			
Description		This field contains the origin Release Number of the related schedules.			
Processing outgoing EDI Sub-System		None			
ERP LN		The release number is mapped from ERP LN table field tdpur320.rlno to this position.			
Processing Incoming EDI Sub-System		Transmission of the value from the message file.			
ERP LN		Mapping to ERP LN table field tdsls312.crln; the customer's release number.			

Position	5	Field Format	n..4	Field Status	M
Field Name		**Release Revision Number**			
Description		This field contains the Release Revision Number.			
Processing outgoing EDI Sub-System		None			
ERP LN		The revision number is mapped from ERP LN table field tdpur320.rlrv to this position.			
Processing Incoming EDI Sub-System		Transmission of the value from the message file.			
ERP LN		Mapping to ERP LN table field tdsls312.crlr; customer's release revision.			

Position	6	Field Format	an6	Field Status	M
Field Name		**Release Type**			
Description		This field contains the Release Type to identify the kind of schedules.			
Processing outgoing EDI Sub-System		None			
ERP LN		The Release type equals the type of EDI message. It is mapped from the ERP LN table field tdpur320.rtyp to this position. It contains the numeric value 3 (Sequence Shipping Schedule).			
Processing Incoming EDI Sub-System		Transmission of the value from the message file.			
ERP LN		Mapping to ERP LN table field tdsls312.rtyp			

Position	7	Field Format	an7	Field Status	M
Field Name		**Transaction set Purpose**			
Description		This field describes the type of the release that is transmitted. It can be of type 'Replace', 'Update', 'Cancel' etc.			
Processing outgoing EDI Sub-System					
ERP LN		This field will be filled with the constant value equivalent to 'Replace'.			

Position	7	Field Format	an7	Field Status	M
Field Name		**Transaction set Purpose**			
Processing Incoming EDI Sub-System					
ERP LN		This field will be filled with the constant value equivalent to 'Replace' currently.			

Position	8	Field Format an6		Field Status	M
Field Name		**Qualifier Buy-from BP**			
Description		This position contains the qualifier to identify the Business partner.			
Processing outgoing EDI Sub-System		None			
ERP LN		This field will be filled with the constant value "OFBP"			
Processing Incoming EDI Sub-System		Transmission of the value from the message file.			
ERP LN		Field can be used as qualifier 2 on field tdsls312.ofbp (field 3).			

Position	9	Field Format an..9		Field Status	M
Field Name		**Buy-from-BP**		Key field	
Description		This position contains the code for the Business Partner where the customer buys its goods.			
Processing outgoing EDI Sub-System		None			
ERP LN		The Code for the Buy From Business Partner from ERP LN table field tdpur400.otbp is converted using the conversion table ecedi463 and the default Qualifier "ZZ", and it is mapped to this position.			
Processing Incoming EDI Sub-System					
ERP LN		N. A.			

Position	10	Field Format an6		Field Status	M
Field Name		**Qualifier Ship-to-BP**		**Key field**	
Description		This position contains the qualifier to identify the Business partner.			
Processing outgoing EDI Sub-System		None			
ERP LN		This field will be filled with the constant value "STBP"			
Processing Incoming EDI Sub-System					
ERP LN		N. A.			

Position	11	Field Format an..9		Field Status	M
Field Name		**Ship-from-BP**		**Key field**	
Description		This position contains the code for the Ship-from / Ship-to Business Partner.			
Processing outgoing EDI Sub-System		None			
ERP LN		The Code for the ship-from Business Partner from ERP LN table field tdpur320.sfbp is converted using the conversion table ecedi463 or the constant "STBP" and the default Qualifier "ZZ", and it is mapped to this position.			
Processing Incoming EDI Sub-System					
ERP LN		N. A.			

Position	12	Field Format	an..6	Field Status	M
Field Name		**Ship-To Address**		**Key field**	
Description		This field contains the ship-to address code.			
Processing outgoing EDI Sub-System		None			

Position	12	Field Format	an..6	Field Status	M
Field Name		**Ship-To Address**		Key field	

ERP LN	The ship to address code from ERP LN table field tdpur320.stad is mapped to this position. Conversion table is ecedi463. If conversion not found then original value will be sent.
Processing Incoming EDI Sub-System	Transmission of the value from the message file.
ERP LN	It is mapped to tdsls312.stad. Conversion table is ecedi363. Position 18 is used as qualifier.

Position	13	Field Format	n1	Field Status	M
Field Name		**Shipment or delivery based**		Key field	

Description	This field identifies whether the goods need to be picked or delivered. Based on this value the delivery date of the goods will be calculated.
Processing outgoing EDI Sub-System	None
ERP LN	This field is mapped from the ERP LN table field ftdpur320.tqal to this position after conversion by the table Schedule type ecedi413. If conversion not found then the original value will be sent.
Processing Incoming EDI Sub-System	Transmission of the value from the message file
ERP LN	This field is mapped to table field tdsls312.sodb Conversion table is ecedi351. If conversion not found then error message is given.

Position	14	Field Format	an1	Field Status	M
Field Name		**Schedule Quantity Qualifier**		Key field	

Description	This field identifies the quantity qualifier of the schedule. It communicates whether the quantity is cumulative or discrete.
Processing outgoing EDI Sub-System	None
ERP LN	This field will be filled with the constant value 'A' (actual values = discrete).

Position	14	Field Format	an1	Field Status	M
Field Name		**Schedule Quantity Qualifier**	**Key field**		
Processing Incoming EDI Sub-System		Transmission of the value from the message file			
ERP LN		This field is mapped to table field tdsls312.qqal. Conversion table is ecedi352. If conversion not found then error message is given. Constant values 'A' and 'C' (cumulative) are allowed values.			

Position	15	Field Format n..22		Field Status	M
Field Name		**Forecast Horizon Start Date**	**Key field**		
Description		This field identifies the start date for the requirements under release			
Processing outgoing EDI Sub-System		None			
ERP LN		This field is mapped from the ERP LN table field tdpur320.fohs to this position.			
Processing Incoming EDI Sub-System		Transmission of the value from the message file			
ERP LN		This field is mapped to table field tdsls312.fohs			

Position	16	Field Format n..22		Field Status	M
Field Name		**Forecast Horizon End Date**	**Key field**		
Description		This field identifies the end date for the requirements under release			
Processing outgoing EDI Sub-System		None			
ERP LN		This field is mapped from the ERP LN table field tdpur320.fohe to this position.			
Processing Incoming EDI Sub-System		Transmission of the value from the message file			
ERP LN		This field is mapped to table field tdsls312.fohe			

Position	17	Field Format n..22	Field Status	M
Field Name		**Generation Date**	**Key field**	
Description		This field identifies the release generation date		
Processing outgoing EDI Sub-System		None		
ERP LN		This field is mapped from the ERP LN table field tdpur320.egdt to this position.		
Processing Incoming EDI Sub-System		Transmission of the value from the message file		
ERP LN		This field is mapped to table field tdsls312.egdt		

Position	18	Field Format an..6	Field Status	M
Field Name		**Qualifier Address Code**	**Key field**	
Description		This position is used to store the default qualifier 1for the Address code which is defined in the message definition. It can be used to identify the sender, ship-to warehouse and ship-to address.		
Processing outgoing EDI Sub-System		None		
ERP LN		"ZZ"		
Processing Incoming EDI Sub-System				
ERP LN		This field will be filled with the constant value "ZZ". The field can be used as (first) qualifier on field tdsls312.ofbp (pos. 3); tdsls312.stad (pos. 12); tdsls312.stbp (pos. 19)		

Position	19	Field Format	an..6	Field Status	M
Field Name		**Warehouse / Ship-To BP**		Key field	
Description		This field contains the ship-to address code.			
Processing outgoing EDI Sub-System		None			
ERP LN		The ship to address code from ERP LN table field tdpur320.cwar is mapped to this position. Conversion table is ecedi462.			
Processing Incoming EDI Sub-System		Transmission of the value from the message file.			
ERP LN		It is mapped to tdsls312.stbp. Conversion table is ecedi328. Position 18 is used as qualifier 1.			

Position	20	Field Format	an7	Field Status	M
Field Name		**Data Record end sign**			
Description		This field identifies the end of data record in the message block. It contains the constant value 'SA2_END'.			
Processing outgoing EDI Sub-System					
ERP LN		This field will be filled with the constant value 'SA2_END'.			
Processing Incoming EDI Sub-System		This field will be filled with the constant value 'SA2_END'.			
ERP LN		None			

SA3 Sequence Shipping Details

Status: Mandatory

Frequency: Multiple per Release

Description: This data record contains all information of the Sequence Shipping Schedule and it is related to SA2.

Load Information - In-house Format					Mapping from Application Table Fields (out)		Mapping to Application Table Fields (in)	
Pos	Field Description	Key	ST	FM	Table field	Action	Table field	Action
1	Kind of data record	O/I	M	an3	SA3		SA3	
2	Message Reference	O/I	M	an..35	ecedi701.bano	Generation (see below)	ecedi702.bano	Generation by EDI Sub-System
3	(Net) ID of Sender	O/I	M	an..17	ecedi020.neta	Conversion (see below)	tdsls312.ofbp	Conversion (see below)
4	Release No.	O/I	M	an..9	tdpur320.rlno		tdsls312.crln	
5	Release revision	O/I	M	n..4	tdpur320.rlrv		tdsls312.crlr	
6	Schedule		M	an..9	tdpur323.schn		tdsls316.schn tdsls316.cchn	
7	Schedule Position		M	n..4	tdpur321.spon		tdsls316.cchp	
8	Sequence Revision		M	n..4	tdpur323.seqr			
9	Job Sequence		M	n..9	tdpur317.jseq		tdsls316.jseq	
10	Vehicle ID		M	an..30	tdpur317.vino		tdsls316.vino	
11	Line Station		C	an..6	tdpur317.lsta			
12	Assembly Kit		C	an..15	tdpur317.akit		tdsls316.akit	
13	Item		M	an..47	tdpur317.item		tdsls316.item	Conversion
14	Qualifier Item Code		M	an..6	"SA"		"SA"	

Load Information - In-house Format				Mapping from Application Table Fields (out)		Mapping to Application Table Fields (in)	
15	Reference ID	M	an..30	tdpur317.rfid		tdsls316.refe	
16	Requirement/ Receipt Date	M	n..22	tdpur317.rqdt		tdsls316.rdat	
17	Shipment Date	M	n..22	tdpur317.shdt		tdsls316.ddat	
18	Quantity	M	n..19	tdpur317.qoor		tdsls316qoor	
19	Purchase / Sales Unit	M	an..3	tdpur311.cupp	Conversion	tdsls316.cups	Conversion
20	Warehouse / Dock Location	M	an..9	tdpur311.cwar		tdsls316.dock	
21	Status	M		tdpur317.stat			
22	Qualifier Address Code	M	an..6	"ZZ"		"ZZ"	
23	Qualifier BP	M	an..6	"STBP"		"STBP"	
24	Warehouse / Ship-to-BP	M	an..9	tdpur310.cwar		tdsls311.stbp	Conversion
25							
26							
27	Buy-from BP / Sales Office	M	an..9	tdpur311.otbp	Conversion	tdsls311.cofc	Conversion
28	Purchase / Sales price	M	n..19	tdpur311.pric		tdsls316.price	
29	Tax code	M	an..9	tdpur311.cvat	Conversion	tdsls316.cvat	Conversion
30	Exempt Reason	C	an..6	tdpur311.rcod	Conversion	tdsls316.rcod	Conversion
31	Exempt certificate	C	an..20	tdpur311.ceno		tdsls316.ceno	
32	Price Unit	M	an3	tdpur311.cupp	Conversion	tdsls316.cups	Conversion
33	Release Position	M	n..4	tdpur323.rpon		tdsls308.cpon	
34	Exempt	C	an..6	tdpur311.exmt		tdsls316.exmt	

Load Information - In-house Format				Mapping from Application Table Fields (out)		Mapping to Application Table Fields (in)	
35	Tax country	M	an..3	tdpur311.ccty	Conversion	tdsls316.ccty	Conversion
36	BP Tax Country	M	an..3	tdpur311.bptc	Conversion	tdsls316.bptc	Conversion
37							
38							
39							
40	Manufacturer	C	an..6	tdpur311.cmnf			
41	Preferred Manufacturer	C	an..35	tdpur311.mpnr			
42	Delivery Point	C	an..9			tdsls316.dlpt	
45	Data Record End Sign	O/I	M	an7	SA3_END		SA3_END

Detailed description: Sequence Shipping Schedule

Kind of data record: SA3 Sequence Shipping details

Position	1	Field Format	an3	Field Status	M
Field Name		**Kind of Data Record**		**Key field Out / IN**	
Description		This field identifies the kind of data record in the message block. It contains the constant value 'SA3'.			
Processing outgoing EDI Sub-System					
ERP LN		This field will be filled with the constant value 'SA3'.			
Processing Incoming EDI Sub-System		This field will be filled with the constant value 'SA3'.			
ERP LN		None			

Position	2	Field Format	an..35	Field Status	M
Field Name		**Message Reference**		**Key field Out / IN**	
Description		This field identifies all connected data records of one Sequence Shipping Schedule message. The numbering, which has to be clear by SEQ, helps to control the chronological order of the SEQ and the complete transmission.			
Processing outgoing EDI Sub-System					
ERP LN		Analogously to data record SA2			
Processing Incoming EDI Sub-System					
ERP LN		Analogously to data record SA2			

Position	3	Field Format	an..17	Field Status	M
Field Name		**(Net) ID of sender**		**Key field Out / IN**	
Description		This field contains the identification of the sender (for example the ILN Number)			
Processing outgoing EDI Sub-System		Transmission of the value from the message file.			
ERP LN		The identification is stored in the ERP LN table ecedi020 'Our Identification' under the corresponding network in the ERP LN table field ecedi020.neta. The contents of this field are mapped to the position of the transmission file. Here you can store the general ILN-Number for your customer.			
Processing Incoming EDI Sub-System					
ERP LN		The identification of the sender determines the corresponding business partner (customer) and the network in the table ecedi028 'Relations by network'. This identification is mapped to the ERP LN table field tdsls312.ofbp. Pos. 22 is used as first qualifier, pos. 23 as second qualifier.			

Position	4	Field Format	an..9	Field Status	M
Field Name		**Release Number**		**Key field Out / IN**	
Description		This field contains the origin Release Number of the related schedules.			
Processing outgoing EDI Sub-System		None			
ERP LN		The schedule's release number is mapped from ERP LN table field tdpur320.rlno to this position.			
Processing Incoming EDI Sub-System		Transmission of the value from the message file.			
ERP LN		Mapping to ERP LN table field tdsls312.crln; the customer's release number.			

Position	5	Field Format	n..4	Field Status	M
Field Name		**Release Revision Number**		**Key field Out / In**	
Description		This field contains the Release Revision Number.			
Processing outgoing EDI Sub-System		None			
ERP LN		The release revision number is mapped from ERP LN table field tdpur320.rlrv to this position.			
Processing Incoming EDI Sub-System		Transmission of the value from the message file.			
ERP LN		Mapping to ERP LN table field tdsls312.crlr; customer's release revision.			

Position	6	Field Format an..9		Field Status	M
Field Name		**Schedule Number**			
Description		This position contains the original Schedule Number			
Processing outgoing EDI Sub-System		None			
ERP LN		The schedule number is mapped from the ERP LN table field tdpur323.schn to this position.			
Processing Incoming EDI Sub-System		Transmission of the value from the message file.			
ERP LN		Mapped to table field tdsls316.cchn and the table field tdsls316.schn			

Position	7	Field Format n..4		Field Status	M
Field Name		**Schedule Position**			
Description		This position contains the Schedule Line Number			
Processing outgoing EDI Sub-System		None			
ERP LN		The schedule position is mapped from the ERP LN table field tdpur323.schn to this position.			

Position	7	Field Format n..4	Field Status	M
Field Name		**Schedule Position**		
Processing Incoming EDI Sub-System		Transmission of the value from the message file.		
ERP LN		Mapped to table field tdsls316.cchp		

Position	8	Field Format n..4	Field Status	M
Field Name		**Sequence Revision**		
Description		Together with the Schedule (position 6) and Schedule Position (position 7), this field identifies the revision number of the schedule line.		
Processing outgoing EDI Sub-System		None		
ERP LN		The sequence revision is mapped from the ERP LN table field tdpur323.seqr to this position.		
Processing Incoming EDI Sub-System				
ERP LN		N. A.		

Position	9	Field Format n..9	Field Status	M
Field Name		**Job Sequence**		
Description		This field contains the job sequence number		
Processing outgoing EDI Sub-System		None		
ERP LN		The ERP LN table field tdpur317.jseq is mapped to this position.		
Processing Incoming EDI Sub-System		Transmission of the value from the message file		
ERP LN		Mapped to ERP LN table field tdsls316.jseq		

Position	10	Field Format an..30		Field Status	M
Field Name		**Vehicle ID**			
Description		This field contains the Vehicle identification number (VIN).			
Processing outgoing EDI Sub-System		None			
ERP LN		The ERP LN table field tdpur317.vino is mapped to this position.			
Processing Incoming EDI Sub-System		Transmission of the value from the message file			
ERP LN		Mapped to ERP LN table field tdsls316.vino			

Position	11	Field Format an..6		Field Status	C
Field Name		**Line Station**			
Description		This field contains the Assembly Line Station which refers to the ERP LN table field tiasl150.sttn, the assembly line's station.			
Processing outgoing EDI Sub-System		None			
ERP LN		The ERP LN table field tdpur317.lsta to this position.			
Processing Incoming EDI Sub-System					
ERP LN		N. A.			

Position	12	Field Format an..15		Field Status	C
Field Name		**Assembly Kit**			
Description		This field identifies the assembly kit			
Processing outgoing EDI Sub-System		None			
ERP LN		The ERP LN table field tdpur317.akit is mapped to this position.			

Position	12	Field Format an..15	Field Status	C

Field Name		Assembly Kit		
Processing Incoming EDI Sub-System		Transmission of the value from the message file		
ERP LN		Mapped to ERP LN table field tdsls316.akit		

Position	13	Field Format an..47	Field Status	M

Field Name		Item		
Description		This field contains the item code.		
Processing outgoing EDI Sub-System		None		
ERP LN		The item code from ERP LN table field tdpur317.item is mapped to this position.		
Processing Incoming EDI Sub-System		Transmission of the value from the message file		
ERP LN		Mapped to table fields tdsls311.item and tdsls316.item after conversion with qualifier 'SA'. Position 14 is used as qualifier.		

Position	14	Field Format an..6	Field Status	M

Field Name		Qualifier Item Code		
Description		This field contains the qualifier that can be used to identify the item. It will be filled with the constant value "SA"		
Processing outgoing EDI Sub-System		None		
ERP LN		"SA"		
Processing Incoming EDI Sub-System				
ERP LN		This field will be filled with the constant value "SA".		

Position	15	Field Format an..30	Field Status	M
Field Name		**Reference ID**		
Description		This field contains the Reference ID which represents a combination of VIN, Line Station, and Assembly Kit.		
Processing outgoing EDI Sub-System		None		
ERP LN		The ERP LN table field tdpur317.rfid, Reference ID, is mapped to this position.		
Processing Incoming EDI Sub-System				
ERP LN		This field will be mapped to ERP LN table field tdsls316.refe		

Position	16	Field Format n..22	Field Status	M
Field Name		**Requirement / Receipt Date**		
Description		This field contains the Date requiring the goods receipt.		
Processing outgoing EDI Sub-System		None		
ERP LN		The ERP LN table field tdpur317.rqdt is mapped to this position.		
Processing Incoming EDI Sub-System				
ERP LN		This field will be mapped to ERP LN table field tdsls316.rdat, the planned receipt date.		

Position	17	Field Format n..22	Field Status	M
Field Name		**Shipment Date**		
Description		This field contains the Date shipping the goods.		
Processing outgoing EDI Sub-System		None		
ERP LN		The ERP LN table field tdpur317.rqdt, is mapped to this position.		

Position	17	Field Format n..22	Field Status	M

Field Name	Shipment Date
Processing Incoming EDI Sub-System	Transmission of the value from the message file
ERP LN	Mapped to ERP LN table field tdsls316.ddta, Delivery Date. This position is also mapped to table field tdsls316.sdat (Start Date) and tdsls316.edat (End Date).

Position	18	Field Format n..19	Field Status	M

Field Name	Quantity
Description	This field includes the required quantity in purchase/sales unit referring to the schedule line.
Processing outgoing EDI Sub-System	None
ERP LN	This field is mapped from the ERP LN table field tdpur317.qoor to this position.
Processing Incoming EDI Sub-System	Transmission of the value from the message file
ERP LN	Mapped to table field tdsls316.qoor

Position	19	Field Format an..3	Field Status	M

Field Name	Purchase / Sales Unit
Description	This field contains the item's purchase / sales quantity unit.
Processing outgoing EDI Sub-System	None
ERP LN	This field is mapped from ERP LN table field tdpur311.cuqp to this position after conversion by ERP LN table ecedi442. If conversion not found then original value will be sent.
Processing Incoming EDI Sub-System	Transmission of the value from the message file
ERP LN	Mapped to table field tdsls316.cuqs after conversion by table ecedi304

Position	20	Field Format	an..9	Field Status	M
Field Name		**Warehouse/Dock Location**			
Description		This field contains the final delivery point.			
Processing outgoing EDI Sub-System					
ERP LN		The table field tdpur311.cwar is mapped to this position.			
Processing Incoming EDI Sub-System		Transmission of the value from the message file.			
ERP LN		Mapping to the ERP LN table field tdsls316.dock.			

Position	21	Field Format	an..9	Field Status	M
Field Name		**Status**			
Description		This field identifies the general purpose of the data record.			
Processing outgoing EDI Sub-System					
ERP LN		The ERP LN table field tdpur317.stat, Status, is mapped to this position. The following values are possible: 'Created' (1), 'Modified' (2), and 'Canceled' (3).			
Processing Incoming EDI Sub-System					
ERP LN		N. A.			

Position	22	Field Format an..6	Field Status	M
Field Name		**Qualifier Address Code**		
Description		This position is used to store the default qualifier 1for the Address code which is defined in the message definition. It can be used to identify the sender, ship-to warehouse and ship-to address.		
Processing outgoing EDI Sub-System		None		
ERP LN		"ZZ"		

Position	22	Field Format an..6		Field Status	M
Field Name		**Qualifier Address Code**			
Processing Incoming EDI Sub-System					
ERP LN		This field will be filled with the constant value "ZZ". Field can be also used as (first) qualifier on fields tdsls316.cvat (pos. 29), tdsls311.cofc (pos. 27) and tdsls311.stbp (pos. 24)			

Position	23	Field Format an..6		Field Status	M
Field Name		**Qualifier Business Partner**			
Description		This position is used to store the default qualifier 1for the Address code which is defined in the message definition. It can be used to identify the sender, ship-to warehouse and ship-to address.			
Processing outgoing EDI Sub-System		None			
ERP LN		"STBP"			
Processing Incoming EDI Sub-System					
ERP LN		This field will be filled with the constant value "STBP". Field can be also used as (second) qualifier on field tdsls311.stbp (pos. 24)			

Position	24	Field Format an..9		Field Status	M
Field Name		**Warehouse / Ship-to BP**			
Description		This field identifies the customer's warehouse code for which the schedule is created.			
Processing outgoing EDI Sub-System		None			
ERP LN		The ERP LN table field tdpur310.cwar, Warehouse, is mapped to this position.			
Processing Incoming EDI Sub-System					

Position	24	Field Format an..9	Field Status	M

Field Name		Warehouse / Ship-to BP		
ERP LN		Mapped to ERP LN table field tdsls311.stbp, Ship-to Business Partner. After conversion table by table ecedi328. Position 22 is used as first and Position 23 is used as second qualifier.		

Position	27	Field Format an..9	Field Status	C

Field Name		Buy-from BP / Sales Office		
Description		This field identifies the Buy-from BP who will deliver the goods or the responsible Sales Office to deliver the goods.		
Processing outgoing EDI Sub-System		None		
ERP LN		This field is mapped from the ERP LN table field tdpur311.otbp to this position and converted using the table ecedi468. If conversion not found then the original value will be sent.		
Processing Incoming EDI Sub-System		Transmission of the value from the message file		
ERP LN		The position is mapped to tdsls311.cofc after conversion using the table ecedi350. If conversion not found then the default sales office is filled either from Sold-to BP or user profiles.		

Position	28	Field Format n..19	Field Status	M

Field Name		Purchase / Sales Price		
Description		This field contains the item's purchase / sales price per price unit (pos. 32).		
Processing outgoing EDI Sub-System		None		
ERP LN		This field is mapped from the ERP LN table field tdpur311.pric		
Processing Incoming EDI Sub-System				

Position	28	Field Format n..19	Field Status	M

Field Name		Purchase / Sales Price		
ERP LN		Mapped to ERP LN table field tdsls316.pric, Price. The amount is calculated as price multiplied with quantity. Notes: discounts are not communicated through EDI. If you want to use the prices and discounts set up in the supplier's system, the price must be removed from the conversion setup.		

Position	30	Field Format an..6	Field Status	C

Field Name		Exempt Reason		
Description		This field contains the tax exempt reason code.		
Processing outgoing EDI Sub-System		None		
ERP LN		The exempt reason is mapped from ERP LN table field tdpur311.rcod to this position after conversion with ERP LN table ecedi495.		
Processing Incoming EDI Sub-System		Transmission of the value from the message file.		
ERP LN		Mapping to the ERP LN table field tdsls316.rdoc after conversion with ERP LN table ecedi353.		

Position	31	Field Format an..20	Field Status	C

Field Name		Exempt certificate		
Description		This field contains the tax exempt certificate number.		
Processing outgoing EDI Sub-System		None		
ERP LN		The exempt reason is mapped from ERP LN table field tdpur311.ceno to this position.		
Processing Incoming EDI Sub-System		Transmission of the value from the message file.		
ERP LN		Mapping to the ERP LN table field tdsls316.ceno		

Position	32	Field Format an..3		Field Status	M
Field Name		**Purchase / Sales Price Unit**			
Description		This field contains the item's price unit.			
Processing outgoing EDI Sub-System		None			
ERP LN		This field is mapped from ERP LN table field tdpur311.cupp to this position after conversion by ERP LN table ecedi442. If this field is blank then the unit defined in the data record SA3 should be used. If conversion not found then original value will be sent.			
Processing Incoming EDI Sub-System		Transmission of the value from the message file			
ERP LN		Mapped to table field tdsls316.cups after conversion by table ecedi304			

Position	33	Field Format	n..4	Field Status	M
Field Name		**Release Position**			
Description		This field contains the Release Position.			
Processing outgoing EDI Sub-System		None			
ERP LN		The release position is mapped from the ERP LN table field tdpur311.rpon to this position			
Processing Incoming EDI Sub-System		Transmission of the value from the message file.			
ERP LN		It is mapped to field tdsls308.cpon			

Position	34	Field Format	an..6	Field Status	C
Field Name		**Exempt**			
Description		This field identifies the Buy-from BP who will deliver the goods or the responsible Sales Office to deliver the goods.			
Processing outgoing EDI Sub-System		None			

Position	34	Field Format	an..6	Field Status	C

Field Name	Exempt
ERP LN	This field is mapped from the ERP LN table field tdpur311.otbp to this position and converted using the table ecedi468. If conversion not found then the original value will be sent.
Processing Incoming EDI Sub-System	Transmission of the value from the message file
ERP LN	The position is mapped to tdsls311.cofc after conversion using the table ecedi350. If conversion not found then the default sales office is filled either from Sold-to BP or user profiles.

Position	35	Field Format an..3		Field Status	M

Field Name	Tax Country
Description	This field contains the country code which is linked to the tax code.
Processing outgoing EDI Sub-System	None
ERP LN	The tax country code is mapped from ERP LN table field tdpur311.ccty to this position after conversion with ERP LN table ecedi440.
Processing Incoming EDI Sub-System	Transmission of the value from the message file.
ERP LN	Mapping to the ERP LN table field tdsls316.ccty after conversion with ERP LN table ecedi302.

Position	36	Field Format an..3		Field Status	M

Field Name	BP Tax Country
Description	This field contains the tax country code of the Business Partner.
Processing outgoing EDI Sub-System	None
ERP LN	The business partner tax country code is mapped from ERP LN table tdpur311.bptc to this position after conversion with ERP LN table ecedi468.

Position	36	Field Format an..3	Field Status	M

Field Name		**BP Tax Country**		

Processing Incoming EDI Sub-System		Transmission of the value from the message file.		
ERP LN		Mapping to the ERP LN table field tdsls316.bptc after conversion with ERP LN table ecedi328.		

Position	40	Field Format an..6	Field Status	C

Field Name		**Manufacturer**		

Description		This field contains the code of the good's supplier.		
Processing outgoing EDI Sub-System		None		
ERP LN		The code for the manufacturer from the ERP LN Table field tdpur322.cmnf is mapped to this position.		
Processing Incoming EDI Sub-System				
ERP LN		N. A.		

Position	41	Field Format an..35	Field Status	C

Field Name		**Preferred Manufacturer's Part Number**		

Description		The field contains the preferred manufacturer's part number for the item.		
Processing outgoing EDI Sub-System		None		
ERP LN		The code for the manufacturer's part number is mapped from the ERP LN Table field tdpur311.mpnr to this position.		
Processing Incoming EDI Sub-System				
ERP LN		N. A.		

Position	42	Field Format an..9		Field Status	C
Field Name		**Delivery Point**			
Description		This field contains the Delivery Point to which the supplier has to deliver the goods.			
Processing outgoing EDI Sub-System		None			
ERP LN					
Processing Incoming EDI Sub-System		Transmission of the value from the message file.			
ERP LN		Mapping to the ERP LN table field tdsls316.dlpt.			

Position	45	Field Format	an7	Field Status	M
Field Name		**Data Record end sign**			
Description		This field identifies the end of data record in the message block. It contains the constant value 'SA3_END'.			
Processing outgoing EDI Sub-System					
ERP LN		This field will be filled with the constant value 'SA3_END'.			
Processing Incoming EDI Sub-System		This field will be filled with the constant value 'SA3_END'.			
ERP LN		None			

Chapter 3   Definitions, Acronyms, and Abbreviations

3

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

Appendix A Sample File

A

Example Outgoing message

"SA1";"zvt2007020100000000006";"etcnet";;"SEQ001";"BEMIS";"";"EDI000195";20070205154000;;
"SA1_END"

"SA2";"zvt2007020100000000006";"etcnet";"EDI000195";1;3;;;;;;"ADD000043";"DEL";"ACTUAL";200
70205150000;20070206190000;20070205154000;ZZ;"ETCS00001";"SA2_END"

"SA3";"zvt2007020100000000006";"etcnet";"EDI000195";1;ZVS00039;50;;test16;654340;;;"
ETBACK1";SA;ref95;20070205150000;20070202190000;12;"pcs";;;ZZ;;"ETCS00001";;;"SOBER1";;
EXPORT;;;;"";;WHAMS1;"SA3_END"

"SA3";"zvt2007020100000000006";"etcnet";"EDI000195";1;ZVS00039;50;;test16;654340;;;"
ETBACK1";SA;ref96;20070206150000;20070206190000;12;"pcs";;;ZZ;;"ETCS00001";;;"SOBER1";;
EXPORT;;;;"";;WHAMS1;"SA3_END"