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# SAP Schema Documentation

SAP Business Network Freight Collaboration

Message Implementation Guide | Public

LBN\_ANSI\_X12\_214 (FC)

Message Type: 214

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## 1 OVERVIEW HEADER

### General Information

<b>Name</b>	ANSI X12 Interchange headers and trailers
<b>Direction</b>	Out
<b>Status</b>	Active
<b>Message Type</b>	Interchange Structure
<b>External Category</b>	Message

### Documentation

**Definition** The Interchange Envelope, often referred to as the “outer envelope,” is the wrapper for all the data to be sent in one transmission. It can contain multiple Functional Groups. This characteristic means that transactions of different types can be included in the Interchange Envelope, with each type of transaction stored in a separate Functional Group. The Interchange Envelope is defined by the header and trailer; the Interchange Control Header (designated ISA) appears at the beginning, and the Interchange Control Trailer (designated IEA) appears at the end. While the typical pattern from Enterprise Systems is to create one Functional Group (GS/GE) within an Interchange Group (ISA/IEA), the X12 enveloping supports one or more Functional Groups (GS/GE) within an Interchange Group (ISA/IEA).

## 1.1 Structure

The following table shows the complete structure.

Node	Card.	Prim.Type	Pos.	Length	Codelists
<b>Interchange</b> — Interchange Structure	1 .. 1				
<b>S ISA</b> — Interchange Control Header	1 .. 1				
<b>D_I01</b> — Authorization Information Qualifier	1 .. 1	String		2 .. 2	D_I01
<b>D_I02</b> — Authorization Information	1 .. 1	String		10 .. 10	
<b>D_I03</b> — Security Information Qualifier	1 .. 1	String		2 .. 2	D_I03
<b>D_I04</b> — Security Information	1 .. 1	String		10 .. 10	
<b>D_I05_1</b> — Interchange ID Qualifier	1 .. 1	String		2 .. 2	D_I05
<b>D_I06</b> — Interchange Sender ID	1 .. 1	String		15 .. 15	
<b>D_I05_2</b> — Interchange ID Qualifier	1 .. 1	String		2 .. 2	D_I05
<b>D_I07</b> — Interchange Receiver ID	1 .. 1	String		15 .. 15	
<b>D_I08</b> — Interchange Date	1 .. 1	String		6 .. 6	
<b>D_I09</b> — Interchange Time	1 .. 1	String		4 .. 4	
<b>D_I10</b> — Interchange Control Standards Identifier	1 .. 1	String		1 .. 1	
<b>D_I11</b> — Interchange Control Version Number	1 .. 1	String		5 .. 5	D_I11
<b>D_I12</b> — Interchange Control Number	1 .. 1	String		9 .. 9	
<b>D_I13</b> — Acknowledgment Requested	1 .. 1	String		1 .. 1	D_I13
<b>D_I14</b> — Interchange Usage Indicator	1 .. 1	String		1 .. 1	D_I14
<b>D_I15</b> — Component Element Separator	1 .. 1	String		1 .. 1	
<b>FunctionalGroup</b> — Functional Group	1 .. 1				
<b>S GS</b> — Functional Group Header	1 .. 1				
<b>D_479</b> — Functional Identifier Code	1 .. 1	String		2 .. 2	D_479
<b>D_142</b> — Application Sender's Code	1 .. 1	String		2 .. 15	
<b>D_124</b> — Application Receiver's Code	1 .. 1	String		2 .. 15	
<b>D_373</b> — Date	1 .. 1	String		8 .. 8	
<b>D_337</b> — Time	1 .. 1	String		6 .. 6	
<b>D_28</b> — Group Control Number	1 .. 1	String		9 .. 9	
<b>D_455</b> — Responsible Agency Code	1 .. 1	String		1 .. 1	D_455
<b>D_480</b> — Version / Release / Industry Identifier	1 .. 1	String		6 .. 6	D_480
Code					
<b>S GE</b> — Functional Group Trailer	1 .. 1				
<b>D_97</b> — Number of Transaction Sets Included	1 .. 1	String		1 .. 1	
<b>D_28</b> — Group Control Number	1 .. 1	String		9 .. 9	
<b>S IEA</b> — Interchange Control Trailer	1 .. 1				
<b>D_I16</b> — Number of Included Functional Groups	1 .. 1	String		1 .. 1	
<b>D_I12</b> — Interchange Control Number	1 .. 1	String		9 .. 9	

## 2 DETAILS HEADER

### 2.1 Interchange — Interchange Structure

#### Structure

Node	Card.	Prim.Type	Pos.	Length	Codelists
<b>Interchange</b> — Interchange Structure	1 .. 1				
├ <b>S_ISA</b> — Interchange Control Header	1 .. 1				
├ <b>FunctionalGroup</b> — Functional Group	1 .. 1				
└ <b>S_IEA</b> — Interchange Control Trailer	1 .. 1				

#### Documentation

**Definition** The Interchange Envelope, often referred to as the “outer envelope,” is the wrapper for all the data to be sent in one transmission. It can contain multiple Functional Groups. This characteristic means that transactions of different types can be included in the Interchange Envelope, with each type of transaction stored in a separate Functional Group. The Interchange Envelope is defined by the header and trailer; the Interchange Control Header (designated ISA) appears at the beginning, and the Interchange Control Trailer (designated IEA) appears at the end. While the typical pattern from Enterprise Systems is to create one Functional Group (GS/GE) within an Interchange Group (ISA/IEA), the X12 enveloping supports one or more Functional Groups (GS/GE) within an Interchange Group (ISA/IEA).

#### Properties

**Identifier** Interchange  
**Name** Interchange Structure  
**Cardinality** min: 1                      max: 1

## 2.2 S\_ISA — Interchange Control Header

### Structure

Node	Card.	Prim.Type	Pos.	Length	Codelists
<b>Interchange</b> — Interchange Structure	1 .. 1				
<b>S_ISA</b> — Interchange Control Header	1 .. 1				
<b>D_I01</b> — Authorization Information Qualifier	1 .. 1	String		2 .. 2	D_I01
<b>D_I02</b> — Authorization Information	1 .. 1	String		10 .. 10	
<b>D_I03</b> — Security Information Qualifier	1 .. 1	String		2 .. 2	D_I03
<b>D_I04</b> — Security Information	1 .. 1	String		10 .. 10	
<b>D_I05_1</b> — Interchange ID Qualifier	1 .. 1	String		2 .. 2	D_I05
<b>D_I06</b> — Interchange Sender ID	1 .. 1	String		15 .. 15	
<b>D_I05_2</b> — Interchange ID Qualifier	1 .. 1	String		2 .. 2	D_I05
<b>D_I07</b> — Interchange Receiver ID	1 .. 1	String		15 .. 15	
<b>D_I08</b> — Interchange Date	1 .. 1	String		6 .. 6	
<b>D_I09</b> — Interchange Time	1 .. 1	String		4 .. 4	
<b>D_I10</b> — Interchange Control Standards Identifier	1 .. 1	String		1 .. 1	
<b>D_I11</b> — Interchange Control Version Number	1 .. 1	String		5 .. 5	D_I11
<b>D_I12</b> — Interchange Control Number	1 .. 1	String		9 .. 9	
<b>D_I13</b> — Acknowledgment Requested	1 .. 1	String		1 .. 1	D_I13
<b>D_I14</b> — Interchange Usage Indicator	1 .. 1	String		1 .. 1	D_I14
<b>D_I15</b> — Component Element Separator	1 .. 1	String		1 .. 1	

### Documentation

**Definition** To start and identify an interchange of zero or more functional groups and interchange-related control segments

### Properties

**Identifier** S\_ISA  
**Name** Interchange Control Header  
**Cardinality** min: 1 max: 1

### Syntax Type Related

**External Category** Element

### Leaf Elements

Identifier/Name	Description/Notes/Code Values	Properties
<b>D_I01</b> Authorization Information Qualifier	Code identifying the type of information in the Authorization Information  <b>Selected Values</b> All Values in Codelist	<b>Cardinality</b> min: 1 max: 1 <b>Primitive Type</b> String <b>Length</b> min: 2 max: 2 <b>External Category</b> Element <b>Data Type</b> xsd:string <hr/> <b>Codelist Id</b> D_I01 <b>Type System</b> Customer_TS <b>Version Mode</b> Local <b>Version</b> 1.1
<b>D_I02</b> Authorization Information	Information used for additional identification or authorization of the interchange sender or the data in the interchange; the type of information is set by the Authorization Information Qualifier (I01)	<b>Cardinality</b> min: 1 max: 1 <b>Primitive Type</b> String <b>Length</b> min: 10 max: 10 <b>External Category</b> Element <b>Data Type</b> xsd:string
<b>D_I03</b> Security Information Qualifier	Code identifying the type of information in the Security Information  <b>Selected Values</b> All Values in Codelist	<b>Cardinality</b> min: 1 max: 1 <b>Primitive Type</b> String <b>Length</b> min: 2 max: 2 <b>External Category</b> Element <b>Data Type</b> xsd:string <hr/> <b>Codelist Id</b> D_I03

		<b>Type System</b> Customer_TS <b>Version Mode</b> Local <b>Version</b> 1.1
<b>D_I04</b> Security Information	This is used for identifying the security information about the interchange sender or the data in the interchange; the type of information is set by the Security Information Qualifier (I03)	<b>Cardinality</b> min: 1 max: 1 <b>Primitive Type</b> String <b>Length</b> min: 10 max: 10 <b>External Category</b> Element <b>Data Type</b> xsd:string
<b>D_I05_1</b> Interchange ID Qualifier	Code indicating the system/method of code structure used to designate the sender or receiver ID element being qualified  <b>Selected Values</b> All Values in Codelist	<b>Cardinality</b> min: 1 max: 1 <b>Primitive Type</b> String <b>Length</b> min: 2 max: 2 <b>External Category</b> Element <b>Data Type</b> xsd:string  <b>Codelist Id</b> D_I05 <b>Type System</b> Customer_TS <b>Version Mode</b> Local <b>Version</b> 1.1
<b>D_I06</b> Interchange Sender ID	Identification code published by the sender for other parties to use as the receiver ID to route data to them; the sender always codes this value in the sender ID element  <b>Usage 1</b> This field contains the sender LBN ID. <b>Constraint 1</b> For EDI 997 message type the LBN ID is always "LBN" as the message will be generated by the network.	<b>Cardinality</b> min: 1 max: 1 <b>Primitive Type</b> String <b>Length</b> min: 15 max: 15 <b>External Category</b> Element <b>Data Type</b> xsd:string
<b>D_I05_2</b> Interchange ID Qualifier	Code indicating the system/method of code structure used to designate the sender or receiver ID element being qualified  <b>Selected Values</b> All Values in Codelist	<b>Cardinality</b> min: 1 max: 1 <b>Primitive Type</b> String <b>Length</b> min: 2 max: 2 <b>External Category</b> Element <b>Data Type</b> xsd:string  <b>Codelist Id</b> D_I05 <b>Type System</b> Customer_TS <b>Version Mode</b> Local <b>Version</b> 1.1
<b>D_I07</b> Interchange Receiver ID	Identification code published by the receiver of the data; When sending, it is used by the sender as their sending ID, thus other parties sending to them will use this as a receiving ID to route data to them  <b>Usage 1</b> This field contains the receiver LBN ID.	<b>Cardinality</b> min: 1 max: 1 <b>Primitive Type</b> String <b>Length</b> min: 15 max: 15 <b>External Category</b> Element <b>Data Type</b> xsd:string
<b>D_I08</b> Interchange Date	Date of the interchange	<b>Cardinality</b> min: 1 max: 1 <b>Primitive Type</b> String <b>Length</b> min: 6 max: 6 <b>External Category</b> Element <b>Data Type</b> xsd:string
<b>D_I09</b> Interchange Time	Time of the interchange	<b>Cardinality</b> min: 1 max: 1 <b>Primitive Type</b> String <b>Length</b> min: 4 max: 4 <b>External Category</b> Element <b>Data Type</b> xsd:string
<b>D_I10</b> Interchange Control Standards Identifier	Code to identify the agency responsible for the control standard used by the message that is enclosed by the interchange header and trailer	<b>Cardinality</b> min: 1 max: 1 <b>Primitive Type</b> String <b>Length</b> min: 1 max: 1 <b>External Category</b> Element <b>Data Type</b> xsd:string

<b>D_I11</b> Interchange Control Version Number	Code specifying the version number of the interchange control segments  <b>Selected Values</b> All Values in Codelist	<b>Cardinality</b> min: 1 max: 1 <b>Primitive Type</b> String <b>Length</b> min: 5 max: 5 <b>External Category</b> Element <b>Data Type</b> xsd:string  <hr/> <b>Codelist Id</b> D_I11 <b>Type System</b> Customer_TS <b>Version Mode</b> Local <b>Version</b> 1.1
<b>D_I12</b> Interchange Control Number	A control number assigned by the interchange sender	<b>Cardinality</b> min: 1 max: 1 <b>Primitive Type</b> String <b>Length</b> min: 9 max: 9 <b>External Category</b> Element <b>Data Type</b> xsd:string
<b>D_I13</b> Acknowledgment Requested	Code indicating sender's request for an interchange acknowledgement  <b>Selected Values</b> All Values in Codelist	<b>Cardinality</b> min: 1 max: 1 <b>Primitive Type</b> String <b>Length</b> min: 1 max: 1 <b>External Category</b> Element <b>Data Type</b> xsd:string  <hr/> <b>Codelist Id</b> D_I13 <b>Type System</b> Customer_TS <b>Version Mode</b> Local <b>Version</b> 1.1
<b>D_I14</b> Interchange Usage Indicator	Code indicating whether data enclosed by this interchange envelope is test, production or information  <b>Selected Values</b> All Values in Codelist	<b>Cardinality</b> min: 1 max: 1 <b>Primitive Type</b> String <b>Length</b> min: 1 max: 1 <b>External Category</b> Element <b>Data Type</b> xsd:string  <hr/> <b>Codelist Id</b> D_I14 <b>Type System</b> Customer_TS <b>Version Mode</b> Local <b>Version</b> 1.1
<b>D_I15</b> Component Element Separator	Type is not applicable; the component element separator is a delimiter and not a data element; this field provides the delimiter used to separate component data elements within a composite data structure; this value must be different than the data element separator and the segment terminator	<b>Cardinality</b> min: 1 max: 1 <b>Primitive Type</b> String <b>Length</b> min: 1 max: 1 <b>External Category</b> Element <b>Data Type</b> xsd:string



## 2.3 FunctionalGroup — Functional Group

### Structure

Node	Card.	Prim.Type	Pos.	Length	Codelists
<b>Interchange</b> — Interchange Structure	1 .. 1				
<b>FunctionalGroup</b> — Functional Group	1 .. 1				
<b>S_GS</b> — Functional Group Header	1 .. 1				
<b>S_GE</b> — Functional Group Trailer	1 .. 1				

### Documentation

**Definition** Functional Groups, often referred to as the “inner envelope,” are made up of one or more Transaction Sets. One Functional Group Envelope must include transaction of all of the same type, which can be batched together into one transmission. The Functional Group is defined by the header and trailer segments.

### Properties

**Identifier** FunctionalGroup

**Name** Functional Group

**Cardinality** min: 1 max: 1

### Syntax Type Related

**External Category** Element

## 2.4 S\_GS — Functional Group Header

### Structure

Node	Card.	Prim.Type	Pos.	Length	Codelists
<b>Interchange</b> — Interchange Structure	1 .. 1				
<b>FunctionalGroup</b> — Functional Group	1 .. 1				
<b>S_GS</b> — Functional Group Header	1 .. 1				
<b>D_479</b> — Functional Identifier Code	1 .. 1	String		2 .. 2	D_479
<b>D_142</b> — Application Sender's Code	1 .. 1	String		2 .. 15	
<b>D_124</b> — Application Receiver's Code	1 .. 1	String		2 .. 15	
<b>D_373</b> — Date	1 .. 1	String		8 .. 8	
<b>D_337</b> — Time	1 .. 1	String		6 .. 6	
<b>D_28</b> — Group Control Number	1 .. 1	String		9 .. 9	
<b>D_455</b> — Responsible Agency Code	1 .. 1	String		1 .. 1	D_455
<b>D_480</b> — Version / Release / Industry Identifier	1 .. 1	String		6 .. 6	D_480
Code					

### Documentation

**Definition** To indicate the beginning of a functional group and to provide control information Comments 1. A functional group of related transaction sets, within the scope of X12 standards, consists of a collection of similar transaction sets enclosed by a functional group header and a functional group trailer. Semantic Notes: 1. GS04 is the group date. 2. GS05 is the group time. 3. The data interchange control number GS06 in this header must be identical to the same data element in the associated functional group trailer, GE02.

### Properties

**Identifier** S\_GS  
**Name** Functional Group Header  
**Cardinality** min: 1 max: 1

### Syntax Type Related

**External Category** Element

### Leaf Elements

Identifier/Name	Description/Notes/Code Values	Properties
<b>D_479</b> Functional Identifier Code	Code identifying a group of application related transaction sets  <b>Selected Values</b> All Values in Codelist	<b>Cardinality</b> min: 1 max: 1 <b>Primitive Type</b> String <b>Length</b> min: 2 max: 2 <b>External Category</b> Element <b>Data Type</b> xsd:string  <b>Codelist Id</b> D_479 <b>Type System</b> Customer_TS <b>Version Mode</b> Local <b>Version</b> 1.1
<b>D_142</b> Application Sender's Code	Code identifying party sending transmission; codes agreed to by trading partners	<b>Cardinality</b> min: 1 max: 1 <b>Primitive Type</b> String <b>Length</b> min: 2 max: 15 <b>External Category</b> Element <b>Data Type</b> xsd:string
<b>D_124</b> Application Receiver's Code	Code identifying party receiving transmission; codes agreed to by trading partners	<b>Cardinality</b> min: 1 max: 1 <b>Primitive Type</b> String <b>Length</b> min: 2 max: 15 <b>External Category</b> Element <b>Data Type</b> xsd:string
<b>D_373</b> Date	Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year	<b>Cardinality</b> min: 1 max: 1 <b>Primitive Type</b> String <b>Length</b> min: 8 max: 8 <b>External Category</b> Element

		<b>Data Type</b> xsd:string
<b>D_337</b> Time	Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)	<b>Cardinality</b> min: 1 max: 1 <b>Primitive Type</b> String <b>Length</b> min: 6 max: 6 <b>External Category</b> Element <b>Data Type</b> xsd:string
<b>D_28</b> Group Control Number	Assigned number originated and maintained by the sender	<b>Cardinality</b> min: 1 max: 1 <b>Primitive Type</b> String <b>Length</b> min: 9 max: 9 <b>External Category</b> Element <b>Data Type</b> xsd:string
<b>D_455</b> Responsible Agency Code	Code identifying the issuer of the standard; this code is used in conjunction with Data Element 480  <b>Selected Values</b> All Values in Codelist	<b>Cardinality</b> min: 1 max: 1 <b>Primitive Type</b> String <b>Length</b> min: 1 max: 1 <b>External Category</b> Element <b>Data Type</b> xsd:string
		<b>Codelist Id</b> D_455 <b>Type System</b> Customer_TS <b>Version Mode</b> Local <b>Version</b> 1.1
<b>D_480</b> Version / Release / Industry Identifier Code	Code indicating the version, release, subrelease, and industry identifier of the EDI standard being used, including the GS and GE segments; if code in DE455 in GS segment is X, then in DE 480 positions 1-3 are the version number; positions 4-6 are the release and subrelease, level of the version; and positions 7-12 are the industry or trade association identifiers (optionally assigned by user); if code in DE455 in GS segment is T, then other formats are allowed  <b>Selected Values</b> All Values in Codelist	<b>Cardinality</b> min: 1 max: 1 <b>Primitive Type</b> String <b>Length</b> min: 6 max: 6 <b>External Category</b> Element <b>Data Type</b> xsd:string
		<b>Codelist Id</b> D_480 <b>Type System</b> Customer_TS <b>Version Mode</b> Local <b>Version</b> 1.1

## 2.5 S\_GE — Functional Group Trailer

### Structure

Node	Card.	Prim.Type	Pos.	Length	Codelists
Interchange — Interchange Structure	1 .. 1				
└ FunctionalGroup — Functional Group	1 .. 1				
└ └ S_GE — Functional Group Trailer	1 .. 1				
└ └ └ D_97 — Number of Transaction Sets Included	1 .. 1	String		1 .. 1	
└ └ └ D_28 — Group Control Number	1 .. 1	String		9 .. 9	

### Documentation

**Definition** To indicate the end of a functional group and to provide control information Comments 1. The use of identical data interchange control numbers in the associated functional group header and trailer is designed to maximize functional group integrity. The control number is the same as that used in the corresponding header. Semantic Notes: 1. The data interchange control number GE02 in this trailer must be identical to the same data element in the associated functional group header, GS06.

### Properties

**Identifier** S\_GE  
**Name** Functional Group Trailer  
**Cardinality** min: 1 max: 1

### Syntax Type Related

**External Category** Element

### Leaf Elements

Identifier/Name	Description/Notes/Code Values	Properties
<b>D_97</b> Number of Transaction Sets Included	Total number of transaction sets included in the functional group or interchange (transmission) group terminated by the trailer containing this data element	<b>Cardinality</b> min: 1 max: 1 <b>Primitive Type</b> String <b>Length</b> min: 1 max: 1 <b>External Category</b> Element <b>Data Type</b> xsd:string
<b>D_28</b> Group Control Number	Assigned number originated and maintained by the sender	<b>Cardinality</b> min: 1 max: 1 <b>Primitive Type</b> String <b>Length</b> min: 9 max: 9 <b>External Category</b> Element <b>Data Type</b> xsd:string

## 2.6 S\_IEA — Interchange Control Trailer

### Structure

Node	Card.	Prim.Type	Pos.	Length	Codelists
<b>Interchange</b> — Interchange Structure	1 .. 1				
<b>S_IEA</b> — Interchange Control Trailer	1 .. 1				
<b>D_I16</b> — Number of Included Functional Groups	1 .. 1	String		1 .. 1	
<b>D_I12</b> — Interchange Control Number	1 .. 1	String		9 .. 9	

### Documentation

**Definition** To define the end of an interchange of zero or more functional groups and interchange-related control segments

### Properties

**Identifier** S\_IEA  
**Name** Interchange Control Trailer  
**Cardinality** min: 1 max: 1

### Syntax Type Related

**External Category** Element

### Leaf Elements

Identifier/Name	Description/Notes/Code Values	Properties
<b>D_I16</b> Number of Included Functional Groups	A count of the number of functional groups included in an interchange	<b>Cardinality</b> min: 1 max: 1 <b>Primitive Type</b> String <b>Length</b> min: 1 max: 1 <b>External Category</b> Element <b>Data Type</b> xsd:string
<b>D_I12</b> Interchange Control Number	A control number assigned by the interchange sender	<b>Cardinality</b> min: 1 max: 1 <b>Primitive Type</b> String <b>Length</b> min: 9 max: 9 <b>External Category</b> Element <b>Data Type</b> xsd:string

### 3 OVERVIEW

#### General Information

Name	SAP_LBN_ANSI_X12_214
Direction	In
Status	Active
Message Type	Transportation Carrier Shipment Status Message
Type System	ASC_X12
Version	004010
External Category	Transaction Set

#### Documentation

Definition	This Draft Standard for Trial Use contains the format and establishes the data contents of the Transportation Carrier Shipment Status Message Transaction Set (214) for use within the context of an Electronic Data Interchange (EDI) environment. This transaction set can be used by a transportation carrier to provide shippers, consignees, and their agents with the status of shipments in terms of dates, times, locations, route, identifying numbers, and conveyance. The structures shown in this document are reduced to the functionalities supported in the LBN.
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#### Notes

Example 1	<pre> ISA*00*          *00*          *02*Carrier LBNID*01*Shipper LBNID*211209*0759*U*00401*000006692*0*T*&gt;~ GS*QM*Carrier LBNID*Shipper LBNID*20211209*075900*000006692*X*004010~ ST*214*66920001~ B10**Freightorder ID 1*MCUO~ L11*System ID*06~ LX*1~ AT7*SD*AF*CP**20211209*0759*UT~ L11*Location ID*LU~ L11*Location type*4L~ L11*Stop ID*QN~ SE*9*66920001~ ST*214*66920001~ B10**Freightorder ID 2*MCUO~ L11*System ID*06~ LX*2~ AT7*AF*BE***20211209*0759*LT~ AT7*SD*BC*X1**20211209*0850*LT~ AT7*X3*BE***20211209*1233*LT~ L11*Location ID*LU~ L11*Location type*4L~ L11*Stop ID*QN~ SE*11*66920001~ GE*2*000006692~ IEA*1*000006692~ </pre>
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### 3.1 Structure

The following table shows the complete structure.

Node	Card.	Prim.Type	Pos.	Length	Codelists
<b>214</b> — Transportation Carrier Shipment Status Message	1 .. 1				
<b>ST</b> — Transaction Set Header	1 .. 1		010		
<b>143</b> — Transaction Set Identifier Code	1 .. 1	Token	01	3 .. 3	143
<b>329</b> — Transaction Set Control Number	1 .. 1	String	02	4 .. 9	
<b>B10</b> — Beginning Segment for Transportation Carrier Shipment Status Message	1 .. 1		020		
<b>145</b> — Shipment Identification Number	1 .. 1	String	02	1 .. 30	
<b>140</b> — Standard Carrier Alpha Code	1 .. 1	Token	03	2 .. 4	
<b>L11</b> — Business Instructions and Reference Number	1 .. 300		030		
<b>127</b> — Reference Identification - System Number	1 .. 1	String	01	1 .. 30	
<b>128</b> — Reference Identification Qualifier	1 .. 1	Token	02	2 .. 3	128
<b>0200</b> — Loop 0200	1 .. 999999		130		
<b>LX</b> — Assigned Number	1 .. 1		130		
<b>554</b> — Assigned Number	1 .. 1	Integer	01	1 .. 6	
<b>0205</b> — Loop 0205	0 .. 10		140		
<b>AT7</b> — Shipment Status Details	1 .. 1		140		
<b>1650</b> — Shipment Status Code	1 .. 1	Token	01	2 .. 2	1650
<b>1651</b> — Shipment Status or Appointment Reason Code	0 .. 1	Token	02	2 .. 2	1651
<b>1652</b> — Shipment Appointment Status Code	0 .. 1	Token	03	2 .. 2	1652
<b>373</b> — Date	1 .. 1	Date	05	8 .. 8	
<b>337</b> — Time	1 .. 1	Time	06	4 .. 8	
<b>623</b> — Time Code	1 .. 1	Token	07	2 .. 2	623
<b>L11</b> — Business Instructions and Reference Number	1 .. 10		150		
<b>127</b> — Reference Identification - Location Number	0 .. 1	String	01	1 .. 30	
<b>127</b> — Reference Identification - Location-specific Services Reference Number	0 .. 1	String	01	1 .. 30	
<b>127</b> — Reference Identification - Stop Sequence Number	0 .. 1	String	01	1 .. 30	
<b>128</b> — Reference Identification Qualifier	1 .. 1	Token	02	2 .. 3	128
<b>SE</b> — Transaction Set Trailer	1 .. 1		610		
<b>96</b> — Number of Included Segments	1 .. 1	Integer	01	1 .. 10	
<b>329</b> — Transaction Set Control Number	1 .. 1	String	02	4 .. 9	

## 4 DETAILS

### 4.1 214 — Transportation Carrier Shipment Status Message

#### Structure

Node	Card.	Prim.Type	Pos.	Length	Codelists
<b>214</b> — Transportation Carrier Shipment Status Message	1 .. 1				
<b>ST</b> — Transaction Set Header	1 .. 1		010		
<b>B10</b> — Beginning Segment for Transportation Carrier Shipment Status Message	1 .. 1		020		
<b>L11</b> — Business Instructions and Reference Number	1 .. 300		030		
<b>0200</b> — Loop 0200	1 .. 999999		130		
<b>SE</b> — Transaction Set Trailer	1 .. 1		610		

#### Properties

Identifier 214

Name Transportation Carrier Shipment Status Message

Cardinality min: 1 max: 1



## 4.2 ST — Transaction Set Header

### Structure

Node	Card.	Prim.Type	Pos.	Length	Codelists
214 — Transportation Carrier Shipment Status Message	1 .. 1				
├ ST — Transaction Set Header	1 .. 1		010		
└ 143 — Transaction Set Identifier Code	1 .. 1	Token	01	3 .. 3	143
└ 329 — Transaction Set Control Number	1 .. 1	String	02	4 .. 9	

### Documentation

**Definition** To indicate the start of a transaction set and to assign a control number

### Properties

**Identifier** ST  
**Name** Transaction Set Header  
**Cardinality** min: 1 max: 1

### Syntax Type Related

**External Category** Segment  
**Position** 010  
**Level** 2

### Notes

### Leaf Elements

Identifier/Name	Description/Notes/Code Values	Properties
143 Transaction Set Identifier Code	Code uniquely identifying a Transaction Set  <b>Selected Values</b> Code 214 Name Transportation Carrier Shipment Status Message	<b>Cardinality</b> min: 1 max: 1 <b>Primitive Type</b> Token <b>Length</b> min: 3 max: 3 <b>External Category</b> Simple Data Element <b>Data Type</b> ID <b>Position</b> 01 <b>Fixed Value</b> 214 <hr/> <b>Codelist Id</b> 143 <b>Type System</b> ASC_X12 <b>Version Mode</b> Current <b>Version</b> 004010
329 Transaction Set Control Number	Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	<b>Cardinality</b> min: 1 max: 1 <b>Primitive Type</b> String <b>Length</b> min: 4 max: 9 <b>External Category</b> Simple Data Element <b>Data Type</b> AN <b>Position</b> 02

### 4.3 B10 — Beginning Segment for Transportation Carrier Shipment Status Message

#### Structure

Node	Card.	Prim.Type	Pos.	Length	Codelists
<b>214</b> — Transportation Carrier Shipment Status Message	1 .. 1				
<b>B10</b> — Beginning Segment for Transportation Carrier Shipment Status Message	1 .. 1		020		
<b>145</b> — Shipment Identification Number	1 .. 1	String	02	1 .. 30	
<b>140</b> — Standard Carrier Alpha Code	1 .. 1	Token	03	2 .. 4	

#### Documentation

**Definition** To transmit identifying numbers and other basic data relating to the transaction set

#### Properties

**Identifier** B10  
**Name** Beginning Segment for Transportation Carrier Shipment Status Message  
**Cardinality** min: 1 max: 1

#### Syntax Type Related

**External Category** Segment  
**Position** 020  
**Level** 2

#### Notes

#### Leaf Elements

Identifier/Name	Description/Notes/Code Values	Properties
<b>145</b> Shipment Identification Number	Identification number assigned to the shipment by the shipper that uniquely identifies the shipment from origin to ultimate destination and is not subject to modification; (Does not contain blanks or special characters)	<b>Cardinality</b> min: 1 max: 1 <b>Primitive Type</b> String <b>Length</b> min: 1 max: 30 <b>External Category</b> Simple Data Element <b>Data Type</b> AN <b>Position</b> 02
<b>140</b> Standard Carrier Alpha Code	Standard Carrier Alpha Code (SCAC)  <b>Comment 1</b> Not used in LBN	<b>Cardinality</b> min: 1 max: 1 <b>Primitive Type</b> Token <b>Length</b> min: 2 max: 4 <b>External Category</b> Simple Data Element <b>Data Type</b> ID <b>Position</b> 03

#### 4.4 L11 — Business Instructions and Reference Number

##### Structure

Node	Card.	Prim.Type	Pos.	Length	Codelists
214 — Transportation Carrier Shipment Status Message	1 .. 1				
├ L11 — Business Instructions and Reference Number	1 .. 300		030		
└ 127 — Reference Identification - System Number	1 .. 1	String	01	1 .. 30	
└ └ 128 — Reference Identification Qualifier	1 .. 1	Token	02	2 .. 3	128

##### Documentation

**Definition** To specify instructions in this business relationship or a reference number

##### Properties

**Identifier** L11  
**Name** Business Instructions and Reference Number  
**Cardinality** min: 1 max: 300

##### Syntax Type Related

**External Category** Segment  
**Position** 030  
**Level** 2

##### Notes

##### Leaf Elements

Identifier/Name	Description/Notes/Code Values	Properties
<b>127 [128 = "06"]</b> Reference Identification - System Number	Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier  <b>Usage 1</b> The System of the sender.	<b>Cardinality</b> min: 1 max: 1 <b>Primitive Type</b> String <b>Length</b> min: 1 max: 30 <b>External Category</b> Simple Data Element <b>Data Type</b> AN <b>Position</b> 01
<b>128</b> Reference Identification Qualifier	Code qualifying the Reference Identification  <b>Selected Values</b> Code 06 Name System Number Code T7 Name Affected Subsystem Code Code 8X Name Transaction Category or Type	<b>Cardinality</b> min: 1 max: 1 <b>Primitive Type</b> Token <b>Length</b> min: 2 max: 3 <b>External Category</b> Simple Data Element <b>Data Type</b> ID <b>Position</b> 02 <hr/> <b>Codelist Id</b> 128 <b>Type System</b> ASC_X12 <b>Version Mode</b> Current <b>Version</b> 004010

#### 4.5 0200 — Loop 0200

##### Structure

Node	Card.	Prim.Type	Pos.	Length	Codelists
<b>214</b> — Transportation Carrier Shipment Status Message	1 .. 1				
├ <b>0200</b> — Loop 0200	1 .. 999999		130		
└ <b>LX</b> — Assigned Number	1 .. 1		130		
└ <b>0205</b> — Loop 0205	0 .. 10		140		
└ <b>L11</b> — Business Instructions and Reference Number	1 .. 10		150		

##### Properties

Identifier 0200  
 Name Loop 0200  
 Cardinality min: 1 max: 999999

##### Syntax Type Related

External Category Loop  
 Position 130  
 Level 2

## 4.6 LX — Assigned Number

### Structure

Node	Card.	Prim.Type	Pos.	Length	Codelists
<b>214</b> — Transportation Carrier Shipment Status Message	1 .. 1				
<b>0200</b> — Loop 0200	1 .. 999999		130		
<b>LX</b> — Assigned Number	1 .. 1		130		
<b>554</b> — Assigned Number	1 .. 1	Integer	01	1 .. 6	

### Documentation

**Definition** To reference a line number in a transaction set

### Properties

**Identifier** LX  
**Name** Assigned Number  
**Cardinality** min: 1 max: 1

### Syntax Type Related

**External Category** Segment  
**Position** 130  
**Level** 3

### Leaf Elements

Identifier/Name	Description/Notes/Code Values	Properties
<b>554</b> Assigned Number	Number assigned for differentiation within a transaction set	<b>Cardinality</b> min: 1 max: 1 <b>Primitive Type</b> Integer <b>Length</b> min: 1 max: 6 <b>Fraction Digits</b> 0 <b>Total Digits</b> 6 <b>External Category</b> Simple Data Element <b>Data Type</b> N0 <b>Position</b> 01

**4.7 0205 — Loop 0205****Structure**

Node	Card.	Prim.Type	Pos.	Length	Codelists
<b>214</b> — Transportation Carrier Shipment Status Message	1 .. 1				
<b>0200</b> — Loop 0200	1 .. 999999		130		
<b>0205</b> — Loop 0205	0 .. 10		140		
<b>AT7</b> — Shipment Status Details	1 .. 1		140		

**Properties**

Identifier 0205  
 Name Loop 0205  
 Cardinality min: 0           max: 10

**Syntax Type Related**

External Category Loop  
 Position 140  
 Level 3

## 4.8 AT7 — Shipment Status Details

### Structure

Node	Card.	Prim.Type	Pos.	Length	Codelists
214 — Transportation Carrier Shipment Status Message	1 .. 1				
└ 0200 — Loop 0200	1 .. 999999		130		
└ 0205 — Loop 0205	0 .. 10		140		
└ AT7 — Shipment Status Details	1 .. 1		140		
└ 1650 — Shipment Status Code	1 .. 1	Token	01	2 .. 2	1650
└ 1651 — Shipment Status or Appointment Reason Code	0 .. 1	Token	02	2 .. 2	1651
└ 1652 — Shipment Appointment Status Code	0 .. 1	Token	03	2 .. 2	1652
└ 373 — Date	1 .. 1	Date	05	8 .. 8	
└ 337 — Time	1 .. 1	Time	06	4 .. 8	
└ 623 — Time Code	1 .. 1	Token	07	2 .. 2	623

### Documentation

**Definition** To specify the status of a shipment, the reason for that status, the date and time of the status and the date and time of any appointments scheduled.

### Properties

**Identifier** AT7  
**Name** Shipment Status Details  
**Cardinality** min: 1 max: 1

### Syntax Type Related

**External Category** Segment  
**Position** 140  
**Level** 4

### Notes

### Leaf Elements

Identifier/Name	Description/Notes/Code Values	Properties
1650 Shipment Status Code	<p>Code indicating the status of a shipment</p> <p><b>Usage 1</b>            Status Code AG (Estimated Delivery) is used to provide estimated Date/Time for Status X1 (Arrived at Delivery Location).</p> <p><b>Usage 2</b>            Status Code SD (Shipment Delayed) is used to report a Delay for Statuses like CP (Completed Loading at Pick-up Location), X1 (Arrived at Delivery Location) and X3 (Arrived at Pick-up Location). If Status Code SD is used, then Field 1652 (AT7-03) is required. For example you can use AT7*SD*BC*X1**Date*Time*TimeCode~ to report a Delay at Arrival due to missing Documents.</p> <p><b>Constraint 1</b>            If any not supported code is sent, the whole message will be ignored.</p> <p><b>Tech. Info. 1</b>            Please find the mapping from EDI to LBN codelists - Event Status Code Descriptions.            AF -&gt; DEPARTURE            AG -&gt; GEOLOC            D1 -&gt; UNLOAD_END</p>	<p><b>Cardinality</b> min: 1 max: 1  <b>Primitive Type</b> Token  <b>Length</b> min: 2 max: 2  <b>External Category</b> Simple Data Element  <b>Data Type</b> ID  <b>Position</b> 01</p> <hr/> <p><b>Codelist Id</b> 1650  <b>Type System</b> ASC_X12  <b>Version Mode</b> Current  <b>Version</b> 004010</p>

	<p>X1 -&gt; ARRIV_DEST  X3 -&gt; ARRIV_DEST  X6 -&gt; OUT_FOR_DELIVERY  CP -&gt; LOAD_END  SD -&gt; DELAYED  LBN Event Status Code Descriptions for reference -  <a href="https://help.sap.com/docs/business-network-freight-collaboration/code-lists/event-code-descriptions">https://help.sap.com/docs/business-network-freight-collaboration/code-lists/event-code-descriptions</a></p> <p><b>Selected Values</b>  Code X1 Name Arrived at Delivery Location  Code X3 Name Arrived at Pick-up Location  Code AF Name Carrier Departed Pick-up Location with Shipment  Code AG Name Estimated Delivery  Code X6 Name En Route to Delivery Location  Code D1 Name Completed Unloading at Delivery Location  Code CP Name Completed Loading at Pick-up Location  Code SD Name Shipment Delayed</p>																					
<p><b>1651</b>  Shipment Status or Appointment Reason Code</p>	<p>Code indicating the reason a shipment status or appointment reason was transmitted</p> <p><b>Tech. Info. 1</b>  Please find the mapping from EDI to LBN codelists - Event Reason Code Descriptions.  BE -&gt; LBN_TRAFFIC  AI -&gt; LBN_BRKDOWN  C1, C6, C7, P2 -&gt; LBN_WTGLOC  B8 -&gt; CLEANLINESS_NOT_FIT  BC -&gt; DOCUMENTMISSING  AF -&gt; ACCIDENT  AO -&gt; FORCEOFNATURE  A2 -&gt; INCORRECT  AQ, C9, D2, T3, T5, T6 -&gt; NOTAVAILABLE  AK -&gt; PACKAGINDAMAGED  C5 -&gt; STRIKE  Others -&gt; LBN_OTHERS  LBN Event Reason Code Descriptions for reference -  <a href="https://help.sap.com/docs/business-network-freight-collaboration/code-lists/event-reason-code-descriptions">https://help.sap.com/docs/business-network-freight-collaboration/code-lists/event-reason-code-descriptions</a></p> <p><b>Selected Values</b>  Code BE Name Road Conditions  Code AI Name Mechanical Breakdown  Code BC Name Missing Documents  Code C1 Name Waiting for Customer Pick-up  Code C6 Name Waiting Shipping Instructions  Code C7 Name Waiting for Customer Specified Carrier  Code P2 Name Waiting Inspection  Code B8 Name Improper Unloading Facility or Equipment  Code AF Name Accident  Code AO Name Weather or Natural Disaster Related  Code A2 Name Incorrect Address  Code AQ Name Recipient Unavailable - Delivery Delayed  Code C9 Name Cash Not Available From Consignee  Code D2 Name Driver Not Available  Code T3 Name Trailer not Available  Code T5 Name Trailer Class Not Available  Code T6 Name Trailer Volume Not Available  Code AK Name Damaged, Rewrapped in Hub</p>	<table border="0"> <tr> <td><b>Cardinality</b></td> <td>min: 0 max: 1</td> </tr> <tr> <td><b>Primitive Type</b></td> <td>Token</td> </tr> <tr> <td><b>Length</b></td> <td>min: 2 max: 2</td> </tr> <tr> <td><b>External Category</b></td> <td>Simple Data Element</td> </tr> <tr> <td><b>Data Type</b></td> <td>ID</td> </tr> <tr> <td><b>Position</b></td> <td>02</td> </tr> </table> <hr/> <table border="0"> <tr> <td><b>Codelist Id</b></td> <td>1651</td> </tr> <tr> <td><b>Type System</b></td> <td>ASC_X12</td> </tr> <tr> <td><b>Version Mode</b></td> <td>Current</td> </tr> <tr> <td><b>Version</b></td> <td>004010</td> </tr> </table>	<b>Cardinality</b>	min: 0 max: 1	<b>Primitive Type</b>	Token	<b>Length</b>	min: 2 max: 2	<b>External Category</b>	Simple Data Element	<b>Data Type</b>	ID	<b>Position</b>	02	<b>Codelist Id</b>	1651	<b>Type System</b>	ASC_X12	<b>Version Mode</b>	Current	<b>Version</b>	004010
<b>Cardinality</b>	min: 0 max: 1																					
<b>Primitive Type</b>	Token																					
<b>Length</b>	min: 2 max: 2																					
<b>External Category</b>	Simple Data Element																					
<b>Data Type</b>	ID																					
<b>Position</b>	02																					
<b>Codelist Id</b>	1651																					
<b>Type System</b>	ASC_X12																					
<b>Version Mode</b>	Current																					
<b>Version</b>	004010																					



	Code C5 Name Customer Strike	
<b>1652</b> Shipment Appointment Status Code	Code indicating the status of an appointment to pick-up or deliver a shipment  <b>Usage 1</b> Used as reference if Shipment Status Code (AT7-01) is SD. Please provide one of these statuses X1, X3, AF, X6, D1 or CP.  <b>Selected Values</b> All Values in Codelist	<b>Cardinality</b> min: 0 max: 1 <b>Primitive Type</b> Token <b>Length</b> min: 2 max: 2 <b>External Category</b> Simple Data Element <b>Data Type</b> ID <b>Position</b> 03 <hr/> <b>Codelist Id</b> 1652 <b>Type System</b> ASC_X12 <b>Version Mode</b> Current <b>Version</b> 004010
<b>373</b> Date	Date expressed as CCYYMMDD	<b>Cardinality</b> min: 1 max: 1 <b>Primitive Type</b> Date <b>Length</b> min: 8 max: 8 <b>Date Time Format</b> CCYYMMDD <b>External Category</b> Simple Data Element <b>Data Type</b> DT <b>Position</b> 05
<b>337</b> Time	Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)	<b>Cardinality</b> min: 1 max: 1 <b>Primitive Type</b> Time <b>Length</b> min: 4 max: 8 <b>Date Time Format</b> hhmm[ss[ff]] <b>External Category</b> Simple Data Element <b>Data Type</b> TM <b>Position</b> 06
<b>623</b> Time Code	Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow  <b>Selected Values</b> Code UT Name Universal Time Coordinate Code LT Name Local Time	<b>Cardinality</b> min: 1 max: 1 <b>Primitive Type</b> Token <b>Length</b> min: 2 max: 2 <b>External Category</b> Simple Data Element <b>Data Type</b> ID <b>Position</b> 07 <hr/> <b>Codelist Id</b> 623 <b>Type System</b> ASC_X12 <b>Version Mode</b> Current <b>Version</b> 004010

## 4.9 L11 — Business Instructions and Reference Number

### Structure

Node	Card.	Prim.Type	Pos.	Length	Codelists
214 — Transportation Carrier Shipment Status Message	1 .. 1				
└ 0200 — Loop 0200	1 .. 999999		130		
└ L11 — Business Instructions and Reference Number	1 .. 10		150		
└└ 127 — Reference Identification - Location Number	0 .. 1	String	01	1 .. 30	
└└ 127 — Reference Identification - Location-specific Services Reference Number	0 .. 1	String	01	1 .. 30	
└└ 127 — Reference Identification - Stop Sequence Number	0 .. 1	String	01	1 .. 30	
└└ 128 — Reference Identification Qualifier	1 .. 1	Token	02	2 .. 3	128

### Documentation

**Definition** To specify instructions in this business relationship or a reference number

### Properties

**Identifier** L11  
**Name** Business Instructions and Reference Number  
**Cardinality** min: 1 max: 10

### Syntax Type Related

**External Category** Segment  
**Position** 150  
**Level** 3

### Notes

**Constraint 1** R0103 Required - At least one of those noted must be used  
**Constraint 2** P0102 Paired Multiple - If any are used, all must be used

### Leaf Elements

Identifier/Name	Description/Notes/Code Values	Properties
127 [128 = "LU"] Reference Identification - Location Number	Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier  <b>Usage 1</b> The location-ID of the stop. <b>Usage 2</b> Either location-ID or stop-ID must be provided. In case both are part of the message the stop-ID will be ignored.	<b>Cardinality</b> min: 0 max: 1 <b>Primitive Type</b> String <b>Length</b> min: 1 max: 30 <b>External Category</b> Simple Data Element <b>Data Type</b> AN <b>Position</b> 01
127 [128 = "4L"] Reference Identification - Location-specific Services Reference Number	Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier  <b>Usage 1</b> The location type of the stop. <b>Comment 1</b> If location type is not included in the message "LogisticLocation" will be used as default.	<b>Cardinality</b> min: 0 max: 1 <b>Primitive Type</b> String <b>Length</b> min: 1 max: 30 <b>External Category</b> Simple Data Element <b>Data Type</b> AN <b>Position</b> 01
127 [128 = "QN"] Reference Identification -	Reference information as defined for a particular Transaction Set or as specified by the Reference	<b>Cardinality</b> min: 0 max: 1 <b>Primitive Type</b> String

Stop Sequence Number	<p>Identification Qualifier</p> <p><b>Usage 1</b> The stop-ID.</p> <p><b>Usage 2</b> Either location-ID or stop-ID must be provided. In case both are part of the message the stop-ID will be ignored.</p>	<p><b>Length</b> min: 1 max: 30  <b>External Category</b> Simple Data Element  <b>Data Type</b> AN  <b>Position</b> 01</p>
<p><b>128</b> Reference Identification Qualifier</p>	<p>Code qualifying the Reference Identification</p> <p><b>Selected Values</b>  Code LU Name Location Number  Code 4L Name Location-specific Services Reference Number  Code QN Name Stop Sequence Number</p>	<p><b>Cardinality</b> min: 1 max: 1  <b>Primitive Type</b> Token  <b>Length</b> min: 2 max: 3  <b>External Category</b> Simple Data Element  <b>Data Type</b> ID  <b>Position</b> 02</p> <hr/> <p><b>Codelist Id</b> 128  <b>Type System</b> ASC_X12  <b>Version Mode</b> Current  <b>Version</b> 004010</p>

## 4.10 SE — Transaction Set Trailer

### Structure

Node	Card.	Prim.Type	Pos.	Length	Codelists
214 — Transportation Carrier Shipment Status Message	1 .. 1				
└ SE — Transaction Set Trailer	1 .. 1		610		
└┘ 96 — Number of Included Segments	1 .. 1	Integer	01	1 .. 10	
└┘┘ 329 — Transaction Set Control Number	1 .. 1	String	02	4 .. 9	

### Documentation

**Definition** To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments)

### Properties

**Identifier** SE  
**Name** Transaction Set Trailer  
**Cardinality** min: 1 max: 1

### Syntax Type Related

**External Category** Segment  
**Position** 610  
**Level** 2

### Notes

**Comment 1** SE is the last segment of each transaction set.

### Leaf Elements

Identifier/Name	Description/Notes/Code Values	Properties
<b>96</b> Number of Included Segments	Total number of segments included in a transaction set including ST and SE segments	<b>Cardinality</b> min: 1 max: 1 <b>Primitive Type</b> Integer <b>Length</b> min: 1 max: 10 <b>Fraction Digits</b> 0 <b>Total Digits</b> 10 <b>External Category</b> Simple Data Element <b>Data Type</b> N0 <b>Position</b> 01
<b>329</b> Transaction Set Control Number	Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	<b>Cardinality</b> min: 1 max: 1 <b>Primitive Type</b> String <b>Length</b> min: 4 max: 9 <b>External Category</b> Simple Data Element <b>Data Type</b> AN <b>Position</b> 02

## 5 COPYRIGHT STATEMENTS

### 5.1 Copyright Statement for MIG

See also: <https://www.sap.com/corporate/en/legal/copyright.html>

### 5.2 Copyright Statement for Type System ASC X12

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