SAP Schema Documentation

SAP Business Network Freight Collaboration
Message Implementation Guide | Public
ANSI_X12_204 (FC)
Message Type: 204
Document Version: 2.1 – 2023-12-09

Run Simple

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1 OVERVIEW HEADER

General Information

Name ANSI X12 Interchange headers and trailers

Direction Out

Status Active

Message Type Interchange Structure

External Category 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
Interchange — Interchange Structure	1 .. 1				
├ **S_ISA** — Interchange Control Header	1 .. 1				
│ ├ **D_I01** — Authorization Information Qualifier	1 .. 1	String		2 .. 2	D_I01
│ ├ **D_I02** — Authorization Information	1 .. 1	String		10 .. 10	
│ ├ **D_I03** — Security Information Qualifier	1 .. 1	String		2 .. 2	D_I03
│ ├ **D_I04** — Security Information	1 .. 1	String		10 .. 10	
│ ├ **D_I05_1** — Interchange ID Qualifier	1 .. 1	String		2 .. 2	D_I05
│ ├ **D_I06** — Interchange Sender ID	1 .. 1	String		15 .. 15	
│ ├ **D_I05_2** — Interchange ID Qualifier	1 .. 1	String		2 .. 2	D_I05
│ ├ **D_I07** — Interchange Receiver ID	1 .. 1	String		15 .. 15	
│ ├ **D_I08** — Interchange Date	1 .. 1	String		6 .. 6	
│ ├ **D_I09** — Interchange Time	1 .. 1	String		4 .. 4	
│ ├ **D_I10** — Interchange Control Standards Identifier	1 .. 1	String		1 .. 1	
│ ├ **D_I11** — Interchange Control Version Number	1 .. 1	String		5 .. 5	D_I11
│ ├ **D_I12** — Interchange Control Number	1 .. 1	String		9 .. 9	
│ ├ **D_I13** — Acknowledgment Requested	1 .. 1	String		1 .. 1	D_I13
│ ├ **D_I14** — Interchange Usage Indicator	1 .. 1	String		1 .. 1	D_I14
│ └ **D_I15** — Component Element Separator	1 .. 1	String		1 .. 1	
├ **FunctionalGroup** — Functional Group	1 .. 1				
│ ├ **S_GS** — Functional Group Header	1 .. 1				
│ │ ├ **D_479** — Functional Identifier Code	1 .. 1	String		2 .. 2	D_479
│ │ ├ **D_142** — Application Sender's Code	1 .. 1	String		2 .. 15	
│ │ ├ **D_124** — Application Receiver's Code	1 .. 1	String		2 .. 15	
│ │ ├ **D_373** — Date	1 .. 1	String		8 .. 8	
│ │ ├ **D_337** — Time	1 .. 1	String		6 .. 6	
│ │ ├ **D_28** — Group Control Number	1 .. 1	String		9 .. 9	
│ │ ├ **D_455** — Responsible Agency Code	1 .. 1	String		1 .. 1	D_455
│ │ └ **D_480** — Version / Release / Industry Identifier Code	1 .. 1	String		6 .. 6	D_480
│ └ **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	
└ **S_IEA** — Interchange Control Trailer	1 .. 1				
├ **D_I16** — Number of Included Functional Groups	1 .. 1	String		1 .. 1	
└ **D_I12** — Interchange Control Number	1 .. 1	String		9 .. 9	

2 DETAILS HEADER

2.1 Interchange — Interchange Structure

Structure

Node	Card.	Prim.Type	Pos.	Length	Codelists
Interchange — Interchange Structure	1 .. 1				
├ **S_ISA** — Interchange Control Header	1 .. 1				
├ **FunctionalGroup** — Functional Group	1 .. 1				
└ **S_IEA** — 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
Interchange — Interchange Structure	1 .. 1				
├ **S_ISA** — Interchange Control Header	1 .. 1				
│ ├ **D_I01** — Authorization Information Qualifier	1 .. 1	String		2 .. 2	D_I01
│ ├ **D_I02** — Authorization Information	1 .. 1	String		10 .. 10	
│ ├ **D_I03** — Security Information Qualifier	1 .. 1	String		2 .. 2	D_I03
│ ├ **D_I04** — Security Information	1 .. 1	String		10 .. 10	
│ ├ **D_I05_1** — Interchange ID Qualifier	1 .. 1	String		2 .. 2	D_I05
│ ├ **D_I06** — Interchange Sender ID	1 .. 1	String		15 .. 15	
│ ├ **D_I05_2** — Interchange ID Qualifier	1 .. 1	String		2 .. 2	D_I05
│ ├ **D_I07** — Interchange Receiver ID	1 .. 1	String		15 .. 15	
│ ├ **D_I08** — Interchange Date	1 .. 1	String		6 .. 6	
│ ├ **D_I09** — Interchange Time	1 .. 1	String		4 .. 4	
│ ├ **D_I10** — Interchange Control Standards Identifier	1 .. 1	String		1 .. 1	
│ ├ **D_I11** — Interchange Control Version Number	1 .. 1	String		5 .. 5	D_I11
│ ├ **D_I12** — Interchange Control Number	1 .. 1	String		9 .. 9	
│ ├ **D_I13** — Acknowledgment Requested	1 .. 1	String		1 .. 1	D_I13
│ ├ **D_I14** — Interchange Usage Indicator	1 .. 1	String		1 .. 1	D_I14
│ └ **D_I15** — 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
D_I01 Authorization Information Qualifier	Code identifying the type of information in the Authorization Information **Selected Values** All Values in Codelist	**Cardinality** min: 1 max: 1 **Primitive Type** String **Length** min: 2 max: 2 **External Category** Element **Data Type** xsd:string **Codelist Id** D_I01 **Type System** Customer_TS **Version Mode** Local **Version** 1.1
D_I02 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)	**Cardinality** min: 1 max: 1 **Primitive Type** String **Length** min: 10 max: 10 **External Category** Element **Data Type** xsd:string
D_I03 Security Information Qualifier	Code identifying the type of information in the Security Information **Selected Values** All Values in Codelist	**Cardinality** min: 1 max: 1 **Primitive Type** String **Length** min: 2 max: 2 **External Category** Element **Data Type** xsd:string **Codelist Id** D_I03

		Type System Customer_TS **Version Mode** Local **Version** 1.1
D_I04 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)	**Cardinality** **min:** 1 **max:** 1 **Primitive Type** String **Length** **min:** 10 **max:** 10 **External Category** Element **Data Type** xsd:string
D_I05_1 Interchange ID Qualifier	Code indicating the system/method of code structure used to designate the sender or receiver ID element being qualified **Selected Values** All Values in Codelist	**Cardinality** **min:** 1 **max:** 1 **Primitive Type** String **Length** **min:** 2 **max:** 2 **External Category** Element **Data Type** xsd:string **Codelist Id** D_I05 **Type System** Customer_TS **Version Mode** Local **Version** 1.1
D_I06 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 **Usage 1** This field contains the sender LBN ID. **Constraint 1** For EDI 997 message type the LBN ID is always “LBN” as the message will be generated by the network.	**Cardinality** **min:** 1 **max:** 1 **Primitive Type** String **Length** **min:** 15 **max:** 15 **External Category** Element **Data Type** xsd:string
D_I05_2 Interchange ID Qualifier	Code indicating the system/method of code structure used to designate the sender or receiver ID element being qualified **Selected Values** All Values in Codelist	**Cardinality** **min:** 1 **max:** 1 **Primitive Type** String **Length** **min:** 2 **max:** 2 **External Category** Element **Data Type** xsd:string **Codelist Id** D_I05 **Type System** Customer_TS **Version Mode** Local **Version** 1.1
D_I07 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 **Usage 1** This field contains the receiver LBN ID.	**Cardinality** **min:** 1 **max:** 1 **Primitive Type** String **Length** **min:** 15 **max:** 15 **External Category** Element **Data Type** xsd:string
D_I08 Interchange Date	Date of the interchange	**Cardinality** **min:** 1 **max:** 1 **Primitive Type** String **Length** **min:** 6 **max:** 6 **External Category** Element **Data Type** xsd:string
D_I09 Interchange Time	Time of the interchange	**Cardinality** **min:** 1 **max:** 1 **Primitive Type** String **Length** **min:** 4 **max:** 4 **External Category** Element **Data Type** xsd:string
D_I10 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	**Cardinality** **min:** 1 **max:** 1 **Primitive Type** String **Length** **min:** 1 **max:** 1 **External Category** Element **Data Type** xsd:string

D_I11 Interchange Control Version Number	Code specifying the version number of the interchange control segments **Selected Values** All Values in Codelist	**Cardinality** min: 1 max: 1 **Primitive Type** String **Length** min: 5 max: 5 **External Category** Element **Data Type** xsd:string **Codelist Id** D_I11 **Type System** Customer_TS **Version Mode** Local **Version** 1.1
D_I12 Interchange Control Number	A control number assigned by the interchange sender	**Cardinality** min: 1 max: 1 **Primitive Type** String **Length** min: 9 max: 9 **External Category** Element **Data Type** xsd:string
D_I13 Acknowledgment Requested	Code indicating sender's request for an interchange acknowledgement **Selected Values** All Values in Codelist	**Cardinality** min: 1 max: 1 **Primitive Type** String **Length** min: 1 max: 1 **External Category** Element **Data Type** xsd:string **Codelist Id** D_I13 **Type System** Customer_TS **Version Mode** Local **Version** 1.1
D_I14 Interchange Usage Indicator	Code indicating whether data enclosed by this interchange envelope is test, production or information **Selected Values** All Values in Codelist	**Cardinality** min: 1 max: 1 **Primitive Type** String **Length** min: 1 max: 1 **External Category** Element **Data Type** xsd:string **Codelist Id** D_I14 **Type System** Customer_TS **Version Mode** Local **Version** 1.1
D_I15 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	**Cardinality** min: 1 max: 1 **Primitive Type** String **Length** min: 1 max: 1 **External Category** Element **Data Type** xsd:string

2.3 FunctionalGroup — Functional Group

Structure

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

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

		Data Type xsd:string
D_337 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)	**Cardinality** **min:** 1 **max:** 1 **Primitive Type** String **Length** **min:** 6 **max:** 6 **External Category** Element **Data Type** xsd:string
D_28 Group Control Number	Assigned number originated and maintained by the sender	**Cardinality** **min:** 1 **max:** 1 **Primitive Type** String **Length** **min:** 9 **max:** 9 **External Category** Element **Data Type** xsd:string
D_455 Responsible Agency Code	Code identifying the issuer of the standard; this code is used in conjunction with Data Element 480 **Selected Values** All Values in Codelist	**Cardinality** **min:** 1 **max:** 1 **Primitive Type** String **Length** **min:** 1 **max:** 1 **External Category** Element **Data Type** xsd:string **Codelist Id** D_455 **Type System** Customer_TS **Version Mode** Local **Version** 1.1
D_480 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 **Selected Values** All Values in Codelist	**Cardinality** **min:** 1 **max:** 1 **Primitive Type** String **Length** **min:** 6 **max:** 6 **External Category** Element **Data Type** xsd:string **Codelist Id** D_480 **Type System** Customer_TS **Version Mode** Local **Version** 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
D_97 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	**Cardinality** **min:** 1 **max:** 1 **Primitive Type** String **Length** **min:** 1 **max:** 1 **External Category** Element **Data Type** xsd:string
D_28 Group Control Number	Assigned number originated and maintained by the sender	**Cardinality** **min:** 1 **max:** 1 **Primitive Type** String **Length** **min:** 9 **max:** 9 **External Category** Element **Data Type** xsd:string

2.6 S_IEA — Interchange Control Trailer

Structure

Node	Card.	Prim.Type	Pos.	Length	Codelists
Interchange — Interchange Structure	1 .. 1				
└ **S_IEA** — Interchange Control Trailer	1 .. 1				
├ **D_I16** — Number of Included Functional Groups	1 .. 1	String		1 .. 1	
└ **D_I12** — 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
D_I16 Number of Included Functional Groups	A count of the number of functional groups included in an interchange	**Cardinality** **min:** 1 **max:** 1 **Primitive Type** String **Length** **min:** 1 **max:** 1 **External Category** Element **Data Type** xsd:string
D_I12 Interchange Control Number	A control number assigned by the interchange sender	**Cardinality** **min:** 1 **max:** 1 **Primitive Type** String **Length** **min:** 9 **max:** 9 **External Category** Element **Data Type** xsd:string

3 OVERVIEW MESSAGE

General Information

Name	SAP_LBN_ANSI_X12_204
Direction	Out
Status	Active
Message Type	Motor Carrier Load Tender
Type System	ASC_X12
Version	004010
External Category	Transaction Set

Documentation

Summary	ANSI_X12_204
Definition	This Draft Standard for Trial Use contains the format and establishes the data contents of the Motor Carrier Load Tender Transaction Set (204) for use within the context of an Electronic Data Interchange (EDI) environment. This transaction set can be used to allow shippers or other interested parties to offer (tender) a shipment to a full load (truckload) motor carrier including detailed scheduling, equipment requirements, commodities, and shipping instructions pertinent to a load tender. It is not to be used to provide a motor carrier with data relative to a Less-than-Truckload bill of lading, pick-up notification, or manifest.

Notes

Usage 1	The G61 segment contains the person or company to be contacted by the carrier in case of emergency.
Comment 1	The three examples are messages for creation, update and cancellation of a freight order.
Example 1	ISA*00* *00* *ZZ*10010001397 *ZZ*10010001844 *220224*1550*U*00401*000000164*0*P*>~ GS*PO*10010001397*10010001844*20220224*155034*000000164*X*004010~ ST*204*0001~ B2****FreightOrderId**PP~ B2A*00*LT~ L11*SenderSystemId*06~ L11*PurchasingParty*CN~ L11*BillFromParty*12~ NTE*TRA*1863 KMT~ N7**equipmentNumber*********CN*******3****22R1~ M7*sealNumber1*sealNumber2~ S5*1*CL~ G62*69*20201214*U*2300*UT~ G62*69*20201214*U*1700*CT~ N1*SF*LoadingLocationName*93*loadingLocationId~ N3*LoadingHouseName~ N4*LoadingLocationCity*TN*Postalcode*US~ OID*FreightOrderId~ L5*110*Stainless Steel Container 1000L***CNT~ AT8*G*L*2229*1~ G61*SH*contactName~ S5*2*CU~ G62*70*20201217*X*2259*UT~ G62*70*20201217*X*1659*CT~ N1*ST*UnloadingLocationName*93*UnloadingLocationId~ N3*UnloadingAddress~ N4*UnloadingLocationCity*US*37347-5319*US~ OID*FreightOrderId~ L5*120*Stainless Steel Container 1000L***CNT~ AT8*G*L*2229*2~ L3*totalGrossWeight*G*******93*X**K~ SE*28*0001~ GE*1*000000164~ IEA*1*000000164~
Example 2	ISA*00* *00* *ZZ*10010001397 *ZZ*10010001844 *220224*1550*U*00401*000000165*0*P*>~ GS*PO*10010001397*10010001844*20220224*155034*000000165*X*004010~ ST*204*0001~ B2****FreightOrderId**PP~ B2A*04*LT~ L11*SenderSystemId*06~ L11*PurchasingParty*CN~

L11*BillFromParty*12~
NTE*TRA*1863 KMT~
N7**equipmentNumber*********CN*******3****22R1~
M7*sealNumber1*sealNumber2~
S5*1*CL~
G62*69*20201214*U*2300*UT~
G62*69*20201214*U*1700*CT~
N1*SF*LoadingLocationName*93*loadingLocationId~
N3*LoadingHouseName~
N4*LoadingLocationCity*TN*Postalcode*US~
OID*FreightOrderId~
L5*110*Stainless Steel Container 1000L***CNT~
AT8*G*L*2229*1~
G61*SH*contactName~
LH1*EA*1*UN1987*******II~
LH2*6.1*P****CE*50.0~
LFH*ADI*ADR (European Agreem~
LFH*ADI*ent concerning the I~
LFH*ADI*nternational Carriag~
LFH*ADI*e of Dangerous Goods~
LFH*ADI* by Road): ...~
S5*2*CU~
G62*70*20201217*X*2259*UT~
G62*70*20201217*X*1659*CT~
N1*ST*UnloadingLocationName*93*UnloadingLocationId~
N3*UnloadingAddress~
N4*UnloadingLocationCity*US*37347-5319*US~
OID*FreightOrderId~
L5*110*Stainless Steel Container 1000L***CNT~
AT8*G*L*2229*2~
G61*SH*ContractName~
LH1*EA*1*UN1987*******II~
LH2*6.1*P****CE*50.0~
LFH*ADI*ADR (European Agreem~
LFH*ADI*ent concerning the I~
LFH*ADI*nternational Carriag~
LFH*ADI*e of Dangerous Goods~
LFH*ADI* by Road): ...~
L3*totalGrossWeight*G*******93*X**K~
SE*43*0001~
GE*1*000000165~
IEA*1*000000165~

Example 3

ISA*00* *00* *ZZ*10010001397 *ZZ*10010001844 *220224*1550*U*00401*000000166*0*P*>~
GS*PO*10010001397*10010001844*20220224*155034*000000166*X*004010~
ST*204*0001~
B2****FreightOrderId**PP~
B2A*01*LT~
L11*SenderSystemId*06~
L11*PurchasingParty*CN~
L11*BillFromParty*12~
NTE*TRA*1863 KMT~
N7**equipmentNumber*********CN*******3****22R1~
M7*sealNumber1*sealNumber2~
S5*1*CL~
G62*69*20201214*U*2300*UT~
G62*69*20201214*U*1700*CT~
N1*SF*LoadingLocationName*93*loadingLocationId~
N3*LoadingHouseName~
N4*LoadingLocationCity*TN*Postalcode*US~
OID*FreightOrderId~
L5*110*Stainless Steel Container 1000L***CNT~
AT8*G*L*2229*1~
G61*SH*contactName~
S5*2*CU~
G62*70*20201217*X*2259*UT~
G62*70*20201217*X*1659*CT~
N1*ST*UnloadingLocationName*93*UnloadingLocationId~
N3*UnloadingAddress~
N4*UnloadingLocationCity*US*37347-5319*US~
OID*FreightOrderId~
L5*110*Stainless Steel Container 1000L***CNT~
AT8*G*L*2229*1~
L3*totalGrossWeight*G*******93*X**K~
SE*28*0001~
GE*1*000000166~

IEA*1*000000166~

3.1 Structure

The following table shows only the root element and the group elements.

Node	Card.	Prim.Type	Pos.	Length	Codelists
204 — Motor Carrier Load Tender	1 .. 1				
├ **ST** — Transaction Set Header - Motor Carrier Load Tender	1 .. 1		010		
├ **B2** — Beginning Segment for Shipment Information Transaction	1 .. 1		020		
├ **B2A** — Set Purpose	1 .. 1		030		
├ **L11** — Business Instructions and Reference Number	3 .. 50		080		
├ **NTE** — Note/Special Instruction	0 .. 10		130		
├ **0200** — Loop 0200	0 .. 10		200		
│ ├ **N7** — Equipment Details	1 .. 1		200		
│ ├ **N7B** — Additional Equipment Details	0 .. 1		205		
│ └ **M7** — Seal Numbers	0 .. 2		210		
├ **0300** — Loop 0300 - Complete or Others	2 .. 999		010		
│ ├ **S5** — Stop Off Details	1 .. 1		010		
│ ├ **L11** — Business Instructions and Reference Number	0 .. 50		020		
│ ├ **G62** — Date/Time	1 .. 2		030		
│ ├ **0310** — Loop 0310	1 .. 1		070		
│ │ ├ **N1** — Name	1 .. 1		070		
│ │ ├ **N3** — Address Information	0 .. 2		090		
│ │ ├ **N4** — Geographic Location	0 .. 1		100		
│ │ ├ **G61** — Contact - Telephone	0 .. 1		120		
│ │ └ **G61** — Contact - Electronic Mail	0 .. 1		120		
│ └ **0350** — Loop 0350	0 .. 999		150		
│ ├ **OID** — Order Identification Detail	1 .. 1		150		
│ └ **0360** — Loop 0360	0 .. 99		190		
│ ├ **L5** — Description, Marks and Numbers	1 .. 1		190		
│ ├ **AT8** — Shipment Weight, Packaging and Quantity Data	0 .. 1		195		
│ └ **0365** — Loop 0365	0 .. 99		200		
│ ├ **G61** — Contact	1 .. 1		200		
│ └ **0370** — Loop 0370	0 .. 25		203		
│ ├ **LH1** — Hazardous Identification Information	1 .. 1		203		
│ ├ **LH2** — Hazardous Classification Information	0 .. 4		204		
│ └ **LFH** — Freeform Hazardous Material Information	0 .. 20		206		
├ **L3** — Total Weight and Charges	1 .. 1		010		
└ **SE** — Transaction Set Trailer	1 .. 1		020		

4 DETAILS

4.1 204 — Motor Carrier Load Tender

Structure

Node	Card.	Prim.Type	Pos.	Length	Codelists
204 — Motor Carrier Load Tender	1 .. 1				
├ **ST** — Transaction Set Header - Motor Carrier Load Tender	1 .. 1		010		
├ **B2** — Beginning Segment for Shipment Information Transaction	1 .. 1		020		
├ **B2A** — Set Purpose	1 .. 1		030		
├ **L11** — Business Instructions and Reference Number	3 .. 50		080		
├ **NTE** — Note/Special Instruction	0 .. 10		130		
├ **0200** — Loop 0200	0 .. 10		200		
├ **0300** — Loop 0300 - Complete or Others	2 .. 999		010		
├ **L3** — Total Weight and Charges	1 .. 1		010		
└ **SE** — Transaction Set Trailer	1 .. 1		020		

Properties

Identifier 204

Name Motor Carrier Load Tender

Cardinality min: 1 max: 1

4.2 ST [143 = “204”] — Transaction Set Header - Motor Carrier Load Tender

Structure

Node	Card.	Prim.Type	Pos.	Length	Codelists
204 — Motor Carrier Load Tender	1 .. 1				
├ **ST** — Transaction Set Header - Motor Carrier Load Tender	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 - Motor Carrier Load Tender

Cardinality min: 1 max: 1

Syntax Type Related

External Category Segment

Position 010

Level 2

Notes

Usage 1 The transaction set identifier (ST01) used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g. 204 selects the Motor Carrier Load Tender Transaction Set).

Leaf Elements

Identifier/Name	Description/Notes/Code Values	Properties
143 Transaction Set Identifier Code	Code uniquely identifying a Transaction Set **Selected Values** **Code** 204 **Name** Motor Carrier Load Tender	**Cardinality** min: 1 max: 1 **Primitive Type** Token **Length** min: 3 max: 3 **External Category** Simple Data Element **Data Type** ID **Position** 01 **Fixed Value** 204 **Codelist Id** 143 **Type System** ASC_X12 **Version Mode** Current **Version** 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	**Cardinality** min: 1 max: 1 **Primitive Type** String **Length** min: 4 max: 9 **External Category** Simple Data Element **Data Type** AN **Position** 02 **Fixed Value** 0001

4.3 B2 — Beginning Segment for Shipment Information Transaction

Structure

Node	Card.	Prim.Type	Pos.	Length	Codelists
204 — Motor Carrier Load Tender	1 .. 1				
├ **B2** — Beginning Segment for Shipment Information Transaction	1 .. 1		020		
│ ├ **140** — Standard Carrier Alpha Code	0 .. 1	Token	02	2 .. 4	
│ ├ **145** — Shipment Identification Number	1 .. 1	String	04	1 .. 30	
│ ├ **146** — Shipment Method of Payment - Intermodal	1 .. 1	Token	06	2 .. 2	146
│ └ **147** — Shipment Qualifier	0 .. 1	Token	07	1 .. 1	147

Documentation

Definition To transmit basic data relating to shipment information

Properties

Identifier B2

Name Beginning Segment for Shipment Information Transaction

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
140 Standard Carrier Alpha Code	Standard Carrier Alpha Code **Comment 1** Is the SCAC number needed for road carriers?	**Cardinality** min: 0 max: 1 **Primitive Type** Token **Length** min: 2 max: 4 **External Category** Simple Data Element **Data Type** ID **Position** 02
145 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)	**Cardinality** min: 1 max: 1 **Primitive Type** String **Length** min: 1 max: 30 **External Category** Simple Data Element **Data Type** AN **Position** 04
146 [147 = "I"] Shipment Method of Payment - Intermodal	Code identifying payment terms for transportation charges **Constraint 1** Only PP available as of now. **Selected Values** **Code** PP **Name** Prepaid (by Seller)	**Cardinality** min: 1 max: 1 **Primitive Type** Token **Length** min: 2 max: 2 **External Category** Simple Data Element **Data Type** ID **Position** 06 **Fixed Value** PP **Codelist Id** 146 **Type System** ASC_X12 **Version Mode** Current **Version** 004010
147 Shipment Qualifier	Code defining relationship of this shipment with respect to other shipments given to the carrier at the same time	**Cardinality** min: 0 max: 1 **Primitive Type** Token **Length** min: 1 max: 1 **External Category** Simple Data Element

	Selected Values **Code** I **Name** Intermodal	**Data Type** ID **Position** 07 **Codelist Id** 147 **Type System** ASC_X12 **Version Mode** Current **Version** 004010

4.4 B2A — Set Purpose

Structure

Node	Card.	Prim.Type	Pos.	Length	Codelists
204 — Motor Carrier Load Tender	1 .. 1				
├ **B2A** — Set Purpose	1 .. 1		030		
│ ├ **353** — Transaction Set Purpose Code	1 .. 1	Token	01	2 .. 2	353
│ └ **346** — Application Type	1 .. 1	Token	02	2 .. 2	346

Documentation

Definition To allow for positive identification of transaction set purpose

Properties

Identifier B2A

Name Set Purpose

Cardinality min: 1 max: 1

Syntax Type Related

External Category Segment

Position 030

Level 2

Leaf Elements

Identifier/Name	Description/Notes/Code Values	Properties
353 Transaction Set Purpose Code	Code identifying purpose of transaction set **Usage 1** Code 20 will replace codes 00 resp. 04 in case the freight order is sent with status flag “final” by the shipper. Sending code 20 (Final Transmission) means that no further updates of the freight order are expected and subsequent logistical processes can be started by the carrier. A cancelled freight order will always use code 01, even if the transmission of this particular freight order is technically and logically the final one. **Selected Values** **Code** 00 **Name** Original **Code** 04 **Name** Change **Code** 01 **Name** Cancellation **Code** 20 **Name** Final Transmission	**Cardinality** min: 1 max: 1 **Primitive Type** Token **Length** min: 2 max: 2 **External Category** Simple Data Element **Data Type** ID **Position** 01 **Codelist Id** 353 **Type System** ASC_X12 **Version Mode** Current **Version** 004010
346 Application Type	Code identifying an application **Selected Values** **Code** LT **Name** Load Tender - Truckload (TL) Carrier Only Used by a shipper to inform carrier that a particular load is available or becoming available for movement; also signifies an advance pick-up notification	**Cardinality** min: 1 max: 1 **Primitive Type** Token **Length** min: 2 max: 2 **External Category** Simple Data Element **Data Type** ID **Position** 02 **Codelist Id** 346 **Type System** ASC_X12 **Version Mode** Current **Version** 004010

4.5 L11 — Business Instructions and Reference Number

Structure

Node	Card.	Prim.Type	Pos.	Length	Codelists
204 — Motor Carrier Load Tender	1 .. 1				
├ **L11** — Business Instructions and Reference Number	3 .. 50		080		
│ ├ **127** — Reference Identification - System Number	1 .. 1	String	01	1 .. 30	
│ ├ **127** — Reference Identification - Billing Account	1 .. 1	String	01	1 .. 30	
│ ├ **127** — Reference Identification - Purchasing Party	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: 3 max: 50

Syntax Type Related

External Category Segment

Position 080

Level 2

Notes

Leaf Elements

Identifier/Name	Description/Notes/Code Values	Properties
127 [128 = "06"] Reference Identification - System Number	Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	**Cardinality** min: 1 max: 1 **Primitive Type** String **Length** min: 1 max: 30 **External Category** Simple Data Element **Data Type** AN **Position** 01
127 [128 = "12"] Reference Identification - Billing Account	Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	**Cardinality** min: 1 max: 1 **Primitive Type** String **Length** min: 1 max: 30 **External Category** Simple Data Element **Data Type** AN **Position** 01
127 [128 = "CN"] Reference Identification - Purchasing Party	Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	**Cardinality** min: 1 max: 1 **Primitive Type** String **Length** min: 1 max: 30 **External Category** Simple Data Element **Data Type** AN **Position** 01
128 Reference Identification Qualifier	Code qualifying the Reference Identification **Selected Values** **Code** PO **Name** Purchase Order Number **Code** RQ **Name** Purchase Requisition Number **Code** KT **Name** Request for Quotation Reference A discrete number assigned for identification purposes to a request for quotation **Code** CO **Name** Customer Order Number	**Cardinality** min: 1 max: 1 **Primitive Type** Token **Length** min: 2 max: 3 **External Category** Simple Data Element **Data Type** ID **Position** 02 **Codelist Id** 128 **Type System** ASC_X12 **Version Mode** Current **Version** 004010

	Code OW **Name** Service Order Number Number assigned when a customer orders service and equipment and which appears on bill **Code** BN **Name** Booking Number **Code** DO **Name** Delivery Order Number **Code** CI **Name** Unique Consignment Identifier **Code** SI **Name** Shipper's Identifying Number for Shipment (SID) A unique number (to the shipper) assigned by the shipper to identify the shipment **Code** OD **Name** Original Return Request Reference Number A sequential number assigned by the originator of the original return request **Code** BM **Name** Bill of Lading Number **Code** MB **Name** Master Bill of Lading **Code** AW **Name** Air Waybill Number **Code** 4F **Name** Carrier-assigned Shipper Number **Code** 6A **Name** Consignee Reference Number **Code** RF **Name** Export Reference Number **Code** CN **Name** Carrier's Reference Number (PRO/Invoice) **Code** ABS **Name** Vessel Name **Code** V3 **Name** Voyage Number **Code** PK **Name** Packing List Number **Code** WY **Name** Waybill Number **Code** 4H **Name** Commercial Invoice Number **Code** Q8 **Name** Registration Number Code describing which type of registration is being submitted **Code** SCA **Name** Standard Carrier Alpha Code (SCAC) **Code** DQ **Name** Delivery Quote Number **Code** ZH **Name** Carrier Assigned Reference Number	

4.6 NTE — Note/Special Instruction

Structure

Node	Card.	Prim.Type	Pos.	Length	Codelists
204 — Motor Carrier Load Tender	1 .. 1				
├ **NTE** — Note/Special Instruction	0 .. 10		130		
│ ├ **363** — Note Reference Code	0 .. 1	Token	01	3 .. 3	363
│ └ **352** — Description	1 .. 1	String	02	1 .. 80	

Documentation

Definition To transmit information in a free-form format, if necessary, for comment or special instruction

Properties

Identifier NTE

Name Note/Special Instruction

Cardinality min: 0 max: 10

Syntax Type Related

External Category Segment

Position 130

Level 2

Notes

Usage 1 If a total mileage is available in the sender system, an additional NTE segment with code TRA (Transportation) will be transmitted, which contains as description the value and its unit of measure in ISO format. The value will be rounded up to the next integer number.

Usage 2 If the currency code of the total charges is available in the sender system, an additional NTE segment with code CBH (Monetary Amount Description) will be transmitted, which contains the currency code as description.

Tech. Info. 1 The following characters, which are used in ANSI X12 as delimiter characters, are replaced by spaces in the description (data element 352): Asterisk * Tilde ~ Double quote “

Comment 1 The NTE segment permits free-form information/data which, under ANSI X12 standard implementations, is not machine processable. The use of the NTE segment should therefore be avoided, if at all possible, in an automated environment.

Example 1 NTE*TRA*1863 KMT~

Leaf Elements

Identifier/Name	Description/Notes/Code Values	Properties
363 Note Reference Code	Code identifying the functional area or purpose for which the note applies **Usage 1** In case the note reference code from the sending system violates the length restriction of three characters, the code will be mapped to code ZZZ to avoid validation issues in the receiving system. Every note reference code, which meets the length restriction, will be transmitted to the receiver, even if it is not contained in codelist 363. **Selected Values** All Values in Codelist	**Cardinality** min: 0 max: 1 **Primitive Type** Token **Length** min: 3 max: 3 **External Category** Simple Data Element **Data Type** ID **Position** 01 **Codelist Id** 363 **Type System** ASC_X12 **Version Mode** Current **Version** 004010
352 Description	A free-form description to clarify the related data elements and their content	**Cardinality** min: 1 max: 1 **Primitive Type** String **Length** min: 1 max: 80 **External Category** Simple Data Element

		Data Type AN **Position** 02

4.7 0200 — Loop 0200

Structure

Node	Card.	Prim.Type	Pos.	Length	Codelists
204 — Motor Carrier Load Tender	1 .. 1				
├ **0200** — Loop 0200	0 .. 10		200		
│ ├ **N7** — Equipment Details	1 .. 1		200		
│ ├ **N7B** — Additional Equipment Details	0 .. 1		205		
│ └ **M7** — Seal Numbers	0 .. 2		210		

Properties

Identifier 0200

Name Loop 0200

Cardinality min: 0 max: 10

Syntax Type Related

External Category Loop

Position 200

Level 2

4.8 N7 — Equipment Details

Structure

Node	Card.	Prim.Type	Pos.	Length	Codelists
204 — Motor Carrier Load Tender	1 .. 1				
├ **0200** — Loop 0200	0 .. 10		200		
│ ├ **N7** — Equipment Details	1 .. 1		200		
│ │ ├ **207** — Equipment Number	1 .. 1	String	02	1 .. 10	
│ │ ├ **40** — Equipment Description Code	0 .. 1	Token	11	2 .. 2	40
│ │ ├ **761** — Equipment Number Check Digit	0 .. 1	Integer	18	1 .. 1	
│ │ └ **24** — Equipment Type	0 .. 1	Token	22	4 .. 4	

Documentation

Definition To identify the equipment

Properties

Identifier N7

Name Equipment Details

Cardinality min: 1 max: 1

Syntax Type Related

External Category Segment

Position 200

Level 3

Notes

Usage 1 N712 is the owner of the equipment.

Usage 2 N723 is the operator or carrier of the rights of the equipment.

Constraint 1 P0304 Paired Multiple - If any are used, all must be used

Constraint 2 P0516 Paired Multiple - If any are used, all must be used

Constraint 3 P0809 Paired Multiple - If any are used, all must be used

Comment 1 N701 is mandatory for rail transactions.

Comment 2 N720 and N721 are expressed in inches.

Leaf Elements

Identifier/Name	Description/Notes/Code Values	Properties
207 Equipment Number	Sequencing or serial part of an equipment unit's identifying number (pure numeric form for equipment number is preferred)	**Cardinality** min: 1 max: 1 **Primitive Type** String **Length** min: 1 max: 10 **External Category** Simple Data Element **Data Type** AN **Position** 02 **Fixed Value** N/A
40 Equipment Description Code	Code identifying type of equipment used for shipment **Selected Values** All Values in Codelist	**Cardinality** min: 0 max: 1 **Primitive Type** Token **Length** min: 2 max: 2 **External Category** Simple Data Element **Data Type** ID **Position** 11 **Codelist Id** 40 **Type System** ASC_X12 **Version Mode** Current **Version** 004010

761 Equipment Number Check Digit	Number which designates the check digit applied to a piece of equipment	**Cardinality** **min:** 0 **max:** 1 **Primitive Type** Integer **Length** **min:** 1 **max:** 1 **Fraction Digits** 0 **Total Digits** 1 **External Category** Simple Data Element **Data Type** N0 **Position** 18
24 Equipment Type	Code identifying equipment type	**Cardinality** **min:** 0 **max:** 1 **Primitive Type** Token **Length** **min:** 4 **max:** 4 **External Category** Simple Data Element **Data Type** ID **Position** 22

4.9 N7B — Additional Equipment Details

Structure

Node	Card.	Prim.Type	Pos.	Length	Codelists
204 — Motor Carrier Load Tender	1 .. 1				
├ **0200** — Loop 0200	0 .. 10		200		
│ ├ **N7B** — Additional Equipment Details	0 .. 1		205		
│ │ └ **127** — Reference Identification	0 .. 1	String	06	1 .. 30	

Documentation

Definition To identify additional equipment details

Properties

Identifier N7B

Name Additional Equipment Details

Cardinality min: 0 max: 1

Syntax Type Related

External Category Segment

Position 205

Level 3

Notes

Usage 1 N7B06 is the Department of Transportation or the Interstate Commerce Commission Motor Carrier Cargo Tank Specification.

Comment 1 N7B06 may include but are not limited to MC300 through MC307, MC310 through MC312, MC330, MC331, MC338, DOT 406, DOT 407, and DOT 412.

Leaf Elements

Identifier/Name	Description/Notes/Code Values	Properties
127 Reference Identification	Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier. Value recorded here is the ItemId where the CategoryCode is 'TUR' **Usage 1** Item ID corresponding to Category Code TUR (Transportation Unit Resource)	**Cardinality** **min:** 0 **max:** 1 **Primitive Type** String **Length** **min:** 1 **max:** 30 **External Category** Simple Data Element **Data Type** AN **Position** 06

4.10 M7 — Seal Numbers

Structure

Node	Card.	Prim.Type	Pos.	Length	Codelists
204 — Motor Carrier Load Tender	1 .. 1				
├ **0200** — Loop 0200	0 .. 10		200		
│ └ **M7** — Seal Numbers	0 .. 2		210		
│ ├ **225** — Seal Number	1 .. 1	String	01	2 .. 15	
│ ├ **225** — Seal Number	0 .. 1	String	02	2 .. 15	
│ ├ **225** — Seal Number	0 .. 1	String	03	2 .. 15	
│ └ **225** — Seal Number	0 .. 1	String	04	2 .. 15	

Documentation

Definition To record seal numbers used and the organization that applied the seals

Properties

Identifier M7

Name Seal Numbers

Cardinality min: 0 max: 2

Syntax Type Related

External Category Segment

Position 210

Level 3

Notes

Comment 1 M705 indicates the name of the organization which applied the seal(s).

Leaf Elements

Identifier/Name	Description/Notes/Code Values	Properties
225 Seal Number	Unique number on seal used to close a shipment	**Cardinality** min: 1 max: 1 **Primitive Type** String **Length** min: 2 max: 15 **External Category** Simple Data Element **Data Type** AN **Position** 01
225 Seal Number	Unique number on seal used to close a shipment	**Cardinality** min: 0 max: 1 **Primitive Type** String **Length** min: 2 max: 15 **External Category** Simple Data Element **Data Type** AN **Position** 02
225 Seal Number	Unique number on seal used to close a shipment	**Cardinality** min: 0 max: 1 **Primitive Type** String **Length** min: 2 max: 15 **External Category** Simple Data Element **Data Type** AN **Position** 03
225 Seal Number	Unique number on seal used to close a shipment	**Cardinality** min: 0 max: 1 **Primitive Type** String **Length** min: 2 max: 15 **External Category** Simple Data Element **Data Type** AN **Position** 04

4.11 0300 [163 = “CL” | “CN” | “CU” | “PL” | “PU”] — Loop 0300 - Complete or Others

Structure

Node	Card.	Prim.Type	Pos.	Length	Codelists
204 — Motor Carrier Load Tender	1 .. 1				
├ **0300** — Loop 0300 - Complete or Others	2 .. 999		010		
│ ├ **S5** — Stop Off Details	1 .. 1		010		
│ ├ **L11** — Business Instructions and Reference Number	0 .. 50		020		
│ ├ **G62** — Date/Time	1 .. 2		030		
│ ├ **0310** — Loop 0310	1 .. 1		070		
│ └ **0350** — Loop 0350	0 .. 999		150		

Properties

Identifier 0300

Name Loop 0300 - Complete or Others

Cardinality min: 2 max: 999

Qualification

Qualified By	Qualifying values	
	Code	**Description**
./S5/163	CL	Complete
	CN	Consolidate
	CU	Complete Unload
	PL	Part Load
	PU	Part Unload

Syntax Type Related

External Category Loop

Position 010

Level 2

Notes

Usage 1 The qualifier CN is used for a stop where neither a loading activity or an unloading activity is expected. In case there is both, loading and unloading activities at the same stop, the qualifiers for unloading CU or PU are used.

4.12 S5 — Stop Off Details

Structure

Node	Card.	Prim.Type	Pos.	Length	Codelists
204 — Motor Carrier Load Tender	1 .. 1				
├ **0300** — Loop 0300 - Complete or Others	2 .. 999		010		
│ ├ **S5** — Stop Off Details	1 .. 1		010		
│ │ ├ **165** — Stop Sequence Number	1 .. 1	Integer	01	1 .. 3	
│ │ └ **163** — Stop Reason Code	1 .. 1	Token	02	2 .. 2	163

Documentation

Definition To specify stop-off detail reference numbers and stop reason

Properties

Identifier S5

Name Stop Off Details

Cardinality min: 1 max: 1

Syntax Type Related

External Category Segment

Position 010

Level 3

Notes

Leaf Elements

Identifier/Name	Description/Notes/Code Values	Properties
165 Stop Sequence Number	Identifying number for the specific stop and the sequence in which the stop is to be performed	**Cardinality** min: 1 max: 1 **Primitive Type** Integer **Length** min: 1 max: 3 **Fraction Digits** 0 **Total Digits** 3 **External Category** Simple Data Element **Data Type** N0 **Position** 01 **Fixed Value** 1
163 Stop Reason Code	Code specifying the reason for the stop **Selected Values** **Code** CL **Name** Complete **Code** CN **Name** Consolidate **Code** CU **Name** Complete Unload **Code** PL **Name** Part Load **Code** PU **Name** Part Unload	**Cardinality** min: 1 max: 1 **Primitive Type** Token **Length** min: 2 max: 2 **External Category** Simple Data Element **Data Type** ID **Position** 02 **Codelist Id** 163 **Type System** ASC_X12 **Version Mode** Current **Version** 004010

4.13 L11 — Business Instructions and Reference Number

Structure

Node	Card.	Prim.Type	Pos.	Length	Codelists
204 — Motor Carrier Load Tender	1 .. 1				
├ **0300** — Loop 0300 - Complete or Others	2 .. 999		010		
│ ├ **L11** — Business Instructions and Reference Number	0 .. 50		020		
│ │ ├ **127** — Reference Identification - Delivery Quote Number or Others	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: 0 max: 50

Syntax Type Related

External Category Segment

Position 020

Level 3

Notes

Leaf Elements

Identifier/Name	Description/Notes/Code Values	Properties
127 [128 = "DQ" | "PO"] Reference Identification - Delivery Quote Number or Others	Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	**Cardinality** min: 1 max: 1 **Primitive Type** String **Length** min: 1 max: 30 **External Category** Simple Data Element **Data Type** AN **Position** 01
128 Reference Identification Qualifier	Code qualifying the Reference Identification **Constraint 1** Only PO and DQ available as of now. **Selected Values** **Code** PO **Name** Purchase Order Number **Code** DQ **Name** Delivery Quote Number	**Cardinality** min: 1 max: 1 **Primitive Type** Token **Length** min: 2 max: 3 **External Category** Simple Data Element **Data Type** ID **Position** 02 **Codelist Id** 128 **Type System** ASC_X12 **Version Mode** Current **Version** 004010

4.14 G62 — Date/Time

Structure

Node	Card.	Prim.Type	Pos.	Length	Codelists
204 — Motor Carrier Load Tender	1 .. 1				
├ **0300** — Loop 0300 - Complete or Others	2 .. 999		010		
│ ├ **G62** — Date/Time	1 .. 2		030		
│ │ ├ **432** — Date Qualifier	1 .. 1	Token	01	2 .. 2	432
│ │ ├ **373** — Date	0 .. 1	Date	02	8 .. 8	
│ │ ├ **176** — Time Qualifier	1 .. 1	Token	03	1 .. 2	176
│ │ ├ **337** — Time	0 .. 1	Time	04	4 .. 4	
│ │ └ **623** — Time Code	1 .. 1	Token	05	2 .. 2	623

Documentation

Definition To specify pertinent dates and times

Properties

Identifier G62

Name Date/Time

Cardinality min: 1 max: 2

Syntax Type Related

External Category Segment

Position 030

Level 3

Notes

Usage 1 In case there is no loading or unloading activity at a stop, the value Notified is used for date and time qualifiers.

Leaf Elements

Identifier/Name	Description/Notes/Code Values	Properties
432 Date Qualifier	Code specifying type of date **Selected Values** **Code** 45 **Name** Notified **Code** 69 **Name** Scheduled Pick-Up Date **Code** 70 **Name** Scheduled Delivery Date	**Cardinality** min: 1 max: 1 **Primitive Type** Token **Length** min: 2 max: 2 **External Category** Simple Data Element **Data Type** ID **Position** 01 **Codelist Id** 432 **Type System** ASC_X12 **Version Mode** Current **Version** 004010
373 Date	Date expressed as CCYYMMDD	**Cardinality** min: 0 max: 1 **Primitive Type** Date **Length** min: 8 max: 8 **Date Time Format** CCYYMMDD **External Category** Simple Data Element **Data Type** DT **Position** 02
176 Time Qualifier	Code specifying the reported time **Selected Values** **Code** U **Name** Scheduled Pick Up Time **Code** X **Name** Scheduled Delivery Time **Code** N **Name** Notified	**Cardinality** min: 1 max: 1 **Primitive Type** Token **Length** min: 1 max: 2 **External Category** Simple Data Element **Data Type** ID **Position** 03 **Codelist Id** 176

		Type System ASC_X12 **Version Mode** Current **Version** 004010
337 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)	**Cardinality** **min:** 0 **max:** 1 **Primitive Type** Time **Length** **min:** 4 **max:** 4 **Date Time Format** hhmm **External Category** Simple Data Element **Data Type** TM **Position** 04
623 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 **Tech. Info. 1** Currently it is not possible to determine if a local timezone is using DST or not. Hence the timezone codes without this indication are used, i.e. CT (Central Time) is transmitted instead of CS (Central Standard Time) resp. CD (Central Daylight Time). **Selected Values** **Code** UT **Name** Universal Time Coordinate **Code** 01 **Name** Equivalent to ISO P01 **Code** 02 **Name** Equivalent to ISO P02 **Code** 03 **Name** Equivalent to ISO P03 **Code** 04 **Name** Equivalent to ISO P04 **Code** 05 **Name** Equivalent to ISO P05 **Code** 06 **Name** Equivalent to ISO P06 **Code** 07 **Name** Equivalent to ISO P07 **Code** 08 **Name** Equivalent to ISO P08 **Code** 09 **Name** Equivalent to ISO P09 **Code** 10 **Name** Equivalent to ISO P10 **Code** 11 **Name** Equivalent to ISO P11 **Code** 12 **Name** Equivalent to ISO P12 **Code** 13 **Name** Equivalent to ISO M12 **Code** 14 **Name** Equivalent to ISO M11 **Code** 15 **Name** Equivalent to ISO M10 **Code** 16 **Name** Equivalent to ISO M09 **Code** 17 **Name** Equivalent to ISO M08 **Code** 18 **Name** Equivalent to ISO M07 **Code** 19 **Name** Equivalent to ISO M06 **Code** 20 **Name** Equivalent to ISO M05 **Code** 21 **Name** Equivalent to ISO M04 **Code** 22 **Name** Equivalent to ISO M03 **Code** 23 **Name** Equivalent to ISO M02 **Code** 24 **Name** Equivalent to ISO M01 **Code** AT **Name** Alaska Time **Code** CT **Name** Central Time **Code** ET **Name** Eastern Time **Code** MT **Name** Mountain Time **Code** HT **Name** Hawaii-Aleutian Time **Code** NT **Name** Newfoundland Time **Code** PT **Name** Pacific Time **Code** TT **Name** Atlantic Time	**Cardinality** **min:** 1 **max:** 1 **Primitive Type** Token **Length** **min:** 2 **max:** 2 **External Category** Simple Data Element **Data Type** ID **Position** 05 **Fixed Value** UT **Codelist Id** 623 **Type System** ASC_X12 **Version Mode** Current **Version** 004010

4.15 0310 — Loop 0310

Structure

Node	Card.	Prim.Type	Pos.	Length	Codelists
204 — Motor Carrier Load Tender	1 .. 1				
├ **0300** — Loop 0300 - Complete or Others	2 .. 999		010		
│ ├ **0310** — Loop 0310	1 .. 1		070		
│ │ ├ **N1** — Name	1 .. 1		070		
│ │ ├ **N3** — Address Information	0 .. 2		090		
│ │ ├ **N4** — Geographic Location	0 .. 1		100		
│ │ ├ **G61** — Contact - Telephone	0 .. 1		120		
│ │ └ **G61** — Contact - Electronic Mail	0 .. 1		120		

Properties

Identifier 0310

Name Loop 0310

Cardinality min: 1 max: 1

Syntax Type Related

External Category Loop

Position 070

Level 3

4.16 N1 — Name

Structure

Node	Card.	Prim.Type	Pos.	Length	Codelists
204 — Motor Carrier Load Tender	1 .. 1				
├ **0300** — Loop 0300 - Complete or Others	2 .. 999		010		
│ ├ **0310** — Loop 0310	1 .. 1		070		
│ │ ├ **N1** — Name	1 .. 1		070		
│ │ │ ├ **98** — Entity Identifier Code	1 .. 1	Token	01	2 .. 3	98
│ │ │ ├ **93** — Name	0 .. 1	String	02	1 .. 60	
│ │ │ ├ **66** — Identification Code Qualifier	0 .. 1	Token	03	1 .. 2	66
│ │ │ └ **67** — Identification Code - Code assigned by the organization originating the transaction set	0 .. 1	String	04	2 .. 80	

Documentation

Definition To identify a party by type of organization, name, and code

Properties

Identifier N1

Name Name

Cardinality min: 1 max: 1

Syntax Type Related

External Category Segment

Position 070

Level 4

Notes

Comment 1 This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the “ID Code” (N104) must provide a key to the table maintained by the transaction processing party.

Leaf Elements

Identifier/Name	Description/Notes/Code Values	Properties
98 Entity Identifier Code	Code identifying an organizational entity, a physical location, property or an individual **Selected Values** **Code** SF **Name** Ship From	**Cardinality** min: 1 max: 1 **Primitive Type** Token **Length** min: 2 max: 3 **External Category** Simple Data Element **Data Type** ID **Position** 01 **Fixed Value** SF **Codelist Id** 98 **Type System** ASC_X12 **Version Mode** Current **Version** 004010
93 Name	Free-form name	**Cardinality** min: 0 max: 1 **Primitive Type** String **Length** min: 1 max: 60 **External Category** Simple Data Element **Data Type** AN **Position** 02
66 Identification Code Qualifier	Code designating the system/method of code structure used for Identification Code (67) **Selected Values** **Code** 93 **Name** Code assigned by the organization originating the transaction set	**Cardinality** min: 0 max: 1 **Primitive Type** Token **Length** min: 1 max: 2 **External Category** Simple Data Element **Data Type** ID **Position** 03

		Fixed Value 93 **Codelist Id** 66 **Type System** ASC_X12 **Version Mode** Current **Version** 004010
67 [66 = “93”] Identification Code - Code assigned by the organization originating the transaction set	Code identifying a party or other code	**Cardinality** **min:** 0 **max:** 1 **Primitive Type** String **Length** **min:** 2 **max:** 80 **External Category** Simple Data Element **Data Type** AN **Position** 04

4.17 N3 — Address Information

Structure

Node	Card.	Prim.Type	Pos.	Length	Codelists
204 — Motor Carrier Load Tender	1 .. 1				
├ **0300** — Loop 0300 - Complete or Others	2 .. 999		010		
│ ├ **0310** — Loop 0310	1 .. 1		070		
│ │ ├ **N3** — Address Information	0 .. 2		090		
│ │ │ └ **166** — Address Information	1 .. 1	String	01	1 .. 55	

Documentation

Definition To specify the location of the named party

Properties

Identifier N3

Name Address Information

Cardinality min: 0 max: 2

Syntax Type Related

External Category Segment

Position 090

Level 4

Leaf Elements

Identifier/Name	Description/Notes/Code Values	Properties
166 Address Information	Address information **Comment 1** For the following country codes in N404 the house number is rendered before the street name in N301: US, CA, FR, UK, IE, AU and NZ All other countries will display the house number after the street name. The street name is shortened in case the combined string exceeds 55 characters.	**Cardinality** **min:** 1 **max:** 1 **Primitive Type** String **Length** **min:** 1 **max:** 55 **External Category** Simple Data Element **Data Type** AN **Position** 01

4.18 N4 — Geographic Location

Structure

Node	Card.	Prim.Type	Pos.	Length	Codelists
204 — Motor Carrier Load Tender	1 .. 1				
├ **0300** — Loop 0300 - Complete or Others	2 .. 999		010		
│ ├ **0310** — Loop 0310	1 .. 1		070		
│ │ ├ **N4** — Geographic Location	0 .. 1		100		
│ │ │ ├ **19** — City Name	0 .. 1	String	01	2 .. 30	
│ │ │ ├ **156** — State or Province Code	0 .. 1	Token	02	2 .. 2	
│ │ │ ├ **116** — Postal Code	0 .. 1	Token	03	3 .. 15	
│ │ │ └ **26** — Country Code	0 .. 1	Token	04	2 .. 3	ISO_3166-1

Documentation

Definition To specify the geographic place of the named party

Properties

Identifier N4

Name Geographic Location

Cardinality min: 0 max: 1

Syntax Type Related

External Category Segment

Position 100

Level 4

Notes

Leaf Elements

Identifier/Name	Description/Notes/Code Values	Properties
19 City Name	Free-form text for city name	**Cardinality** min: 0 max: 1 **Primitive Type** String **Length** min: 2 max: 30 **External Category** Simple Data Element **Data Type** AN **Position** 01
156 State or Province Code	Code (Standard State/Province) as defined by appropriate government agency **Constraint 1** Sent only if city name (N401) is in the U.S. or Canada.	**Cardinality** min: 0 max: 1 **Primitive Type** Token **Length** min: 2 max: 2 **External Category** Simple Data Element **Data Type** ID **Position** 02
116 Postal Code	Code defining international postal zone code excluding punctuation and blanks (zip code for United States)	**Cardinality** min: 0 max: 1 **Primitive Type** Token **Length** min: 3 max: 15 **External Category** Simple Data Element **Data Type** ID **Position** 03
26 Country Code	Code identifying the country **Selected Values** All Values in Codelist	**Cardinality** min: 0 max: 1 **Primitive Type** Token **Length** min: 2 max: 3 **External Category** Simple Data Element **Data Type** ID **Position** 04 **Codelist Id** ISO_3166-1

		Type System ISO_CodelistsAndSchemes **Version Mode** Latest **Version** 2013

4.19 G61 [365 = “TE”] — Contact - Telephone

Structure

Node	Card.	Prim.Type	Pos.	Length	Codelists
204 — Motor Carrier Load Tender	1 .. 1				
├ **0300** — Loop 0300 - Complete or Others	2 .. 999		010		
│ ├ **0310** — Loop 0310	1 .. 1		070		
│ │ ├ **G61** — Contact - Telephone	0 .. 1		120		
│ │ │ ├ **366** — Contact Function Code	1 .. 1	Token	01	2 .. 2	366
│ │ │ ├ **93** — Name - Shipper Contact	1 .. 1	String	02	1 .. 60	
│ │ │ ├ **365** — Communication Number Qualifier	1 .. 1	Token	03	2 .. 2	365
│ │ │ └ **364** — Communication Number	1 .. 1	String	04	1 .. 80	

Documentation

Definition To identify a person or office to whom communications should be directed

Properties

Identifier G61

Name Contact - Telephone

Cardinality min: 0 max: 1

Syntax Type Related

External Category Segment

Position 120

Level 4

Notes

Comment 1 G6103 qualifies G6104.

Leaf Elements

Identifier/Name	Description/Notes/Code Values	Properties
366 Contact Function Code	Code identifying the major duty or responsibility of the person or group named **Selected Values** **Code** SH **Name** Shipper Contact	**Cardinality** min: 1 max: 1 **Primitive Type** Token **Length** min: 2 max: 2 **External Category** Simple Data Element **Data Type** ID **Position** 01 **Codelist Id** 366 **Type System** ASC_X12 **Version Mode** Current **Version** 004010
93 [366 = “SH”] Name - Shipper Contact	Free-form name	**Cardinality** min: 1 max: 1 **Primitive Type** String **Length** min: 1 max: 60 **External Category** Simple Data Element **Data Type** AN **Position** 02
365 Communication Number Qualifier	Code identifying the type of communication number **Selected Values** **Code** TE **Name** Telephone	**Cardinality** min: 1 max: 1 **Primitive Type** Token **Length** min: 2 max: 2 **External Category** Simple Data Element **Data Type** ID **Position** 03 **Codelist Id** 365 **Type System** ASC_X12 **Version Mode** Current

		Version 004010
364 Communication Number	Complete communications number including country or area code when applicable	**Cardinality** **min:** 1 **max:** 1 **Primitive Type** String **Length** **min:** 1 **max:** 80 **External Category** Simple Data Element **Data Type** AN **Position** 04

4.20 G61 [365 = “EM”] — Contact - Electronic Mail

Structure

Node	Card.	Prim.Type	Pos.	Length	Codelists
204 — Motor Carrier Load Tender	1 .. 1				
├ **0300** — Loop 0300 - Complete or Others	2 .. 999		010		
│ ├ **0310** — Loop 0310	1 .. 1		070		
│ │ └ **G61** — Contact - Electronic Mail	0 .. 1		120		
│ │ ├ **366** — Contact Function Code	1 .. 1	Token	01	2 .. 2	366
│ │ ├ **93** — Name - Shipper Contact	1 .. 1	String	02	1 .. 60	
│ │ ├ **365** — Communication Number Qualifier	1 .. 1	Token	03	2 .. 2	365
│ │ └ **364** — Communication Number	1 .. 1	String	04	1 .. 80	

Documentation

Definition To identify a person or office to whom communications should be directed

Properties

Identifier G61

Name Contact - Electronic Mail

Cardinality min: 0 max: 1

Syntax Type Related

External Category Segment

Position 120

Level 4

Notes

Comment 1 G6103 qualifies G6104.

Leaf Elements

Identifier/Name	Description/Notes/Code Values	Properties
366 Contact Function Code	Code identifying the major duty or responsibility of the person or group named **Selected Values** **Code** SH **Name** Shipper Contact	**Cardinality** min: 1 max: 1 **Primitive Type** Token **Length** min: 2 max: 2 **External Category** Simple Data Element **Data Type** ID **Position** 01 **Codelist Id** 366 **Type System** ASC_X12 **Version Mode** Current **Version** 004010
93 [366 = “SH”] Name - Shipper Contact	Free-form name	**Cardinality** min: 1 max: 1 **Primitive Type** String **Length** min: 1 max: 60 **External Category** Simple Data Element **Data Type** AN **Position** 02
365 Communication Number Qualifier	Code identifying the type of communication number **Selected Values** **Code** EM **Name** Electronic Mail	**Cardinality** min: 1 max: 1 **Primitive Type** Token **Length** min: 2 max: 2 **External Category** Simple Data Element **Data Type** ID **Position** 03 **Codelist Id** 365 **Type System** ASC_X12 **Version Mode** Current

		Version 004010
364 Communication Number	Complete communications number including country or area code when applicable	**Cardinality** **min:** 1 **max:** 1 **Primitive Type** String **Length** **min:** 1 **max:** 80 **External Category** Simple Data Element **Data Type** AN **Position** 04

4.21 0350 — Loop 0350

Structure

Node	Card.	Prim.Type	Pos.	Length	Codelists
204 — Motor Carrier Load Tender	1 .. 1				
├ **0300** — Loop 0300 - Complete or Others	2 .. 999		010		
│ └ **0350** — Loop 0350	0 .. 999		150		
│ ├ **OID** — Order Identification Detail	1 .. 1		150		
│ └ **0360** — Loop 0360	0 .. 99		190		

Properties

Identifier 0350

Name Loop 0350

Cardinality min: 0 max: 999

Syntax Type Related

External Category Loop

Position 150

Level 3

4.22 OID — Order Identification Detail

Structure

Node	Card.	Prim.Type	Pos.	Length	Codelists
204 — Motor Carrier Load Tender	1 .. 1				
├ **0300** — Loop 0300 - Complete or Others	2 .. 999		010		
│ └ **0350** — Loop 0350	0 .. 999		150		
│ ├ **OID** — Order Identification Detail	1 .. 1		150		
│ │ ├ **127** — Reference Identification	0 .. 1	String	01	1 .. 30	
│ │ └ **324** — Purchase Order Number	0 .. 1	String	02	1 .. 22	

Documentation

Definition To specify order identification detail

Properties

Identifier OID

Name Order Identification Detail

Cardinality min: 1 max: 1

Syntax Type Related

External Category Segment

Position 150

Level 4

Notes

Usage 1 OID01 is the seller's order identification number.

Usage 2 OID03 is the number assigned by the consignee to further define the purchase order number.

Constraint 1 R0102 Required - At least one of those noted must be used

Constraint 2 C0302 Conditional - If the first element is present, then the others must be present

Constraint 3 P0405 Paired Multiple - If any are used, all must be used

Constraint 4 P0607 Paired Multiple - If any are used, all must be used

Constraint 5 P0809 Paired Multiple - If any are used, all must be used

Leaf Elements

Identifier/Name	Description/Notes/Code Values	Properties
127 Reference Identification	Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	**Cardinality** **min:** 0 **max:** 1 **Primitive Type** String **Length** **min:** 1 **max:** 30 **External Category** Simple Data Element **Data Type** AN **Position** 01
324 Purchase Order Number	Identifying number for Purchase Order assigned by the orderer/purchaser	**Cardinality** **min:** 0 **max:** 1 **Primitive Type** String **Length** **min:** 1 **max:** 22 **External Category** Simple Data Element **Data Type** AN **Position** 02

4.23 0360 — Loop 0360

Structure

Node	Card.	Prim.Type	Pos.	Length	Codelists
204 — Motor Carrier Load Tender	1 .. 1				
├ **0300** — Loop 0300 - Complete or Others	2 .. 999		010		
│ └ **0350** — Loop 0350	0 .. 999		150		
│ └ **0360** — Loop 0360	0 .. 99		190		
│ ├ **L5** — Description, Marks and Numbers	1 .. 1		190		
│ ├ **AT8** — Shipment Weight, Packaging and Quantity Data	0 .. 1		195		
│ └ **0365** — Loop 0365	0 .. 99		200		

Properties

Identifier 0360

Name Loop 0360

Cardinality min: 0 max: 99

Syntax Type Related

External Category Loop

Position 190

Level 4

4.24 L5 — Description, Marks and Numbers

Structure

Node	Card.	Prim.Type	Pos.	Length	Codelists
204 — Motor Carrier Load Tender	1 .. 1				
├ **0300** — Loop 0300 - Complete or Others	2 .. 999		010		
│ └ **0350** — Loop 0350	0 .. 999		150		
│ └ **0360** — Loop 0360	0 .. 99		190		
│ ├ **L5** — Description, Marks and Numbers	1 .. 1		190		
│ │ ├ **213** — Lading Line Item Number	0 .. 1	Integer	01	1 .. 3	
│ │ ├ **79** — Lading Description	0 .. 1	String	02	1 .. 50	
│ │ └ **103** — Packaging Code	0 .. 1	String	05	3 .. 5	103

Documentation

Definition To specify the line item in terms of description, quantity, packaging, and marks and numbers

Properties

Identifier L5

Name Description, Marks and Numbers

Cardinality min: 1 max: 1

Syntax Type Related

External Category Segment

Position 190

Level 5

Notes

Constraint 1 P0304 Paired Multiple - If any are used, all must be used

Constraint 2 C0706 Conditional - If the first element is present, then the others must be present

Constraint 3 P0809 Paired Multiple - If any are used, all must be used

Comment 1 L502 may be used to send quantity information as part of the product description.

Leaf Elements

Identifier/Name	Description/Notes/Code Values	Properties
213 Lading Line Item Number	Sequential line number for a lading item	**Cardinality** min: 0 max: 1 **Primitive Type** Integer **Length** min: 1 max: 3 **Fraction Digits** 0 **Total Digits** 3 **External Category** Simple Data Element **Data Type** N0 **Position** 01
79 Lading Description	Description of an item as required for rating and billing purposes **Tech. Info. 1** The following characters, which are used in ANSI X12 as delimiter characters, are replaced by spaces in the lading description (data element 79): Asterisk * Tilde ~ Double quote “	**Cardinality** min: 0 max: 1 **Primitive Type** String **Length** min: 1 max: 50 **External Category** Simple Data Element **Data Type** AN **Position** 02
103 Packaging Code	Code identifying the type of packaging; Part 1: Packaging Form, Part 2: Packaging Material; if the Data Element is used, then Part 1 is always required	**Cardinality** min: 0 max: 1 **Primitive Type** String **Length** min: 3 max: 5 **External Category** Simple Data Element

	Selected Values **Code** BAG **Name** Bag **Code** BAL **Name** Bale **Code** BLK **Name** Bulk **Code** BDL **Name** Bundle **Code** BOT **Name** Bottle **Code** BRG **Name** Barge **Code** CAN **Name** Can **Code** CBY **Name** Carboy **Code** CAS **Name** Case **Code** CRT **Name** Crate **Code** COL **Name** Coil **Code** CNT **Name** Container **Code** CYL **Name** Cylinder **Code** CTN **Name** Carton **Code** DRM **Name** Drum **Code** JAR **Name** Jar **Code** PCS **Name** Pieces **Code** PKG **Name** Package **Code** PLT **Name** Pallet **Code** PCK **Name** Packed - not otherwise specified **Code** SPL **Name** Spool **Code** SHT **Name** Sheet A thin layer of material usually used as a pad for extra protection by isolating/separating tiers or layers of parts within the package **Code** TBN **Name** Tote Bin **Code** TBE **Name** Tube **Code** TLD **Name** Intermodal Trailer/Container Load (Rail)	**Data Type** AN **Position** 05 **Codelist Id** 103 **Type System** ASC_X12 **Version Mode** Current **Version** 004010

4.25 AT8 — Shipment Weight, Packaging and Quantity Data

Structure

Node	Card.	Prim.Type	Pos.	Length	Codelists
204 — Motor Carrier Load Tender	1 .. 1				
├ **0300** — Loop 0300 - Complete or Others	2 .. 999		010		
│ └ **0350** — Loop 0350	0 .. 999		150		
│ └ **0360** — Loop 0360	0 .. 99		190		
│ ├ **AT8** — Shipment Weight, Packaging and Quantity Data	0 .. 1		195		
│ │ ├ **187** — Weight Qualifier	0 .. 1	Token	01	1 .. 2	187
│ │ ├ **188** — Weight Unit Code	0 .. 1	Token	02	1 .. 1	188
│ │ ├ **81** — Weight	0 .. 1	Decimal	03	1 .. 10	
│ │ ├ **80** — Lading Quantity	0 .. 1	Integer	04	1 .. 7	
│ │ ├ **184** — Volume Unit Qualifier	0 .. 1	Token	06	1 .. 1	184
│ │ └ **183** — Volume	0 .. 1	Decimal	07	1 .. 8	

Documentation

Definition To specify shipment details in terms of weight, and quantity of handling units

Properties

Identifier AT8

Name Shipment Weight, Packaging and Quantity Data

Cardinality min: 0 max: 1

Syntax Type Related

External Category Segment

Position 195

Level 5

Notes

Usage 1 AT804 is the quantity of handling units that are not unitized (for example a carton).

Constraint 1 P010203 Paired Multiple - If any are used, all must be used

Constraint 2 P0607 Paired Multiple - If any are used, all must be used

Leaf Elements

Identifier/Name	Description/Notes/Code Values	Properties
187 Weight Qualifier	Code defining the type of weight **Selected Values** All Values in Codelist	**Cardinality** min: 0 max: 1 **Primitive Type** Token **Length** min: 1 max: 2 **External Category** Simple Data Element **Data Type** ID **Position** 01 **Codelist Id** 187 **Type System** ASC_X12 **Version Mode** Current **Version** 004010
188 Weight Unit Code	Code specifying the weight unit **Selected Values** **Code** E **Name** Metric Ton **Code** G **Name** Grams **Code** K **Name** Kilograms **Code** L **Name** Pounds **Code** O **Name** Ounces **Code** S **Name** Short Ton **Code** T **Name** Long Ton	**Cardinality** min: 0 max: 1 **Primitive Type** Token **Length** min: 1 max: 1 **External Category** Simple Data Element **Data Type** ID **Position** 02 **Codelist Id** 188 **Type System** ASC_X12

		Version Mode Current **Version** 004010
81 Weight	Numeric value of weight	**Cardinality** **min:** 0 **max:** 1 **Primitive Type** Decimal **Length** **min:** 1 **max:** 10 **Total Digits** 10 **External Category** Simple Data Element **Data Type** R **Position** 03
80 Lading Quantity	Number of units (pieces) of the lading commodity	**Cardinality** **min:** 0 **max:** 1 **Primitive Type** Integer **Length** **min:** 1 **max:** 7 **Fraction Digits** 0 **Total Digits** 7 **External Category** Simple Data Element **Data Type** N0 **Position** 04
184 Volume Unit Qualifier	Code identifying the volume unit **Selected Values** **Code** B **Name** Barge **Code** C **Name** Cubic Centimeters **Code** D **Name** Cord **Code** E **Name** Cubic Feet **Code** G **Name** Gallons **Code** L **Name** Load **Code** M **Name** Cubic Decimeters **Code** N **Name** Cubic Inches **Code** R **Name** Car **Code** T **Name** Container **Code** V **Name** Liter **Code** X **Name** Cubic Meters	**Cardinality** **min:** 0 **max:** 1 **Primitive Type** Token **Length** **min:** 1 **max:** 1 **External Category** Simple Data Element **Data Type** ID **Position** 06 **Codelist Id** 184 **Type System** ASC_X12 **Version Mode** Current **Version** 004010
183 Volume	Value of volumetric measure	**Cardinality** **min:** 0 **max:** 1 **Primitive Type** Decimal **Length** **min:** 1 **max:** 8 **Total Digits** 8 **External Category** Simple Data Element **Data Type** R **Position** 07

4.26 0365 — Loop 0365

Structure

Node	Card.	Prim.Type	Pos.	Length	Codelists
204 — Motor Carrier Load Tender	1 .. 1				
├ **0300** — Loop 0300 - Complete or Others	2 .. 999		010		
│ └ **0350** — Loop 0350	0 .. 999		150		
│ └ **0360** — Loop 0360	0 .. 99		190		
│ └ **0365** — Loop 0365	0 .. 99		200		
│ ├ **G61** — Contact	1 .. 1		200		
│ └ **0370** — Loop 0370	0 .. 25		203		

Properties

Identifier 0365

Name Loop 0365

Cardinality min: 0 max: 99

Syntax Type Related

External Category Loop

Position 200

Level 5

4.27 G61 — Contact

Structure

Node	Card.	Prim.Type	Pos.	Length	Codelists
204 — Motor Carrier Load Tender	1 .. 1				
├ **0300** — Loop 0300 - Complete or Others	2 .. 999		010		
│ └ **0350** — Loop 0350	0 .. 999		150		
│ └ **0360** — Loop 0360	0 .. 99		190		
│ └ **0365** — Loop 0365	0 .. 99		200		
│ ├ **G61** — Contact	1 .. 1		200		
│ │ ├ **366** — Contact Function Code	1 .. 1	Token	01	2 .. 2	366
│ │ └ **93** — Name	1 .. 1	String	02	1 .. 60	

Documentation

Definition To identify a person or office to whom communications should be directed

Properties

Identifier G61

Name Contact

Cardinality min: 1 max: 1

Syntax Type Related

External Category Segment

Position 200

Level 6

Notes

Constraint 1 P0304 Paired Multiple - If any are used, all must be used

Comment 1 G6103 qualifies G6104.

Leaf Elements

Identifier/Name	Description/Notes/Code Values	Properties
366 Contact Function Code	Code identifying the major duty or responsibility of the person or group named **Selected Values** **Code** SH **Name** Shipper Contact	**Cardinality** min: 1 max: 1 **Primitive Type** Token **Length** min: 2 max: 2 **External Category** Simple Data Element **Data Type** ID **Position** 01 **Fixed Value** SH **Codelist Id** 366 **Type System** ASC_X12 **Version Mode** Current **Version** 004010
93 Name	Free-form name	**Cardinality** min: 1 max: 1 **Primitive Type** String **Length** min: 1 max: 60 **External Category** Simple Data Element **Data Type** AN **Position** 02

4.28 0370 — Loop 0370

Structure

Node	Card.	Prim.Type	Pos.	Length	Codelists
204 — Motor Carrier Load Tender	1 .. 1				
├ **0300** — Loop 0300 - Complete or Others	2 .. 999		010		
│ └ **0350** — Loop 0350	0 .. 999		150		
│ └ **0360** — Loop 0360	0 .. 99		190		
│ └ **0365** — Loop 0365	0 .. 99		200		
│ └ **0370** — Loop 0370	0 .. 25		203		
│ ├ **LH1** — Hazardous Identification Information	1 .. 1		203		
│ ├ **LH2** — Hazardous Classification Information	0 .. 4		204		
│ └ **LFH** — Freeform Hazardous Material Information	0 .. 20		206		

Properties

Identifier 0370

Name Loop 0370

Cardinality min: 0 max: 25

Syntax Type Related

External Category Loop

Position 203

Level 6

4.29 LH1 — Hazardous Identification Information

Structure

Node	Card.	Prim.Type	Pos.	Length	Codelists
204 — Motor Carrier Load Tender	1 .. 1				
├ **0300** — Loop 0300 - Complete or Others	2 .. 999		010		
│ └ **0350** — Loop 0350	0 .. 999		150		
│ └ **0360** — Loop 0360	0 .. 99		190		
│ └ **0365** — Loop 0365	0 .. 99		200		
│ └ **0370** — Loop 0370	0 .. 25		203		
│ ├ **LH1** — Hazardous Identification Information	1 .. 1		203		
│ │ ├ **355** — Unit or Basis for Measurement Code	1 .. 1	Token	01	2 .. 2	355
│ │ ├ **80** — Lading Quantity	1 .. 1	Integer	02	1 .. 7	
│ │ ├ **277** — UN/NA Identification Code	0 .. 1	Token	03	6 .. 6	
│ │ └ **254** — Packing Group Code	0 .. 1	Token	10	1 .. 3	

Documentation

Definition To specify the hazardous commodity identification reference number and quantity

Properties

Identifier LH1

Name Hazardous Identification Information

Cardinality min: 1 max: 1

Syntax Type Related

External Category Segment

Position 203

Level 7

Notes

Comment 1 LH101 and LH102 are used to convey the number and type of packages for bulk and nonbulk movements.

Comment 2 LH106 and LH107 are used to convey the quantity or volume and unit of measure for nonbulk shipments only.

Comment 3 In LH109, a value of “R” or “P” requires that the receiver generate the words “residue: last contained” prior to the shipping name in accordance with regulations.

Leaf Elements

Identifier/Name	Description/Notes/Code Values	Properties
355 Unit or Basis for Measurement Code	Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken **Selected Values** **Code** B8 **Name** Board **Code** BI **Name** Bar A centimeter-gram-second unit of pressure, equal to one million dynes per square centimeter **Code** BO **Name** Bottle **Code** BD **Name** Bundle **Code** BG **Name** Bag **Code** BC **Name** Bucket **Code** BA **Name** Bale **Code** BU **Name** Bushel 32 dry quarts **Code** CP **Name** Crate	**Cardinality** min: 1 max: 1 **Primitive Type** Token **Length** min: 2 max: 2 **External Category** Simple Data Element **Data Type** ID **Position** 01 **Codelist Id** 355 **Type System** ASC_X12 **Version Mode** Current **Version** 004010

	Code CN **Name** Can **Code** CH **Name** Container **Code** CX **Name** Coil **Code** CB **Name** Carboy **Code** CQ **Name** Cartridge **Code** CA **Name** Case **Code** CS **Name** Cassette **Code** CT **Name** Carton **Code** CL **Name** Cylinder **Code** DC **Name** Disk (Disc) **Code** DR **Name** Drum **Code** DZ **Name** Dozen **Code** NT **Name** Trailer **Code** EA **Name** Each **Code** PC **Name** Piece **Code** JR **Name** Jar **Code** NB **Name** Barge **Code** PK **Name** Package **Code** PL **Name** Pallet/Unit Load **Code** PH **Name** Pack (PAK) **Code** PA **Name** Pail **Code** PR **Name** Pair **Code** SO **Name** Spool **Code** SH **Name** Sheet **Code** TE **Name** Tote **Code** TB **Name** Tube **Code** BN **Name** Bulk **Code** UL **Name** Unitless Unit of Measure for properties or test results without units of measure	
80 Lading Quantity	Number of units (pieces) of the lading commodity	**Cardinality** **min:** 1 **max:** 1 **Primitive Type** Integer **Length** **min:** 1 **max:** 7 **Fraction Digits** 0 **Total Digits** 7 **External Category** Simple Data Element **Data Type** N0 **Position** 02
277 UN/NA Identification Code	Code identifying the hazardous material identification number as required by Title 49 of the code of Federal Regulations; UN/NA stands for United Nations/North America	**Cardinality** **min:** 0 **max:** 1 **Primitive Type** Token **Length** **min:** 6 **max:** 6 **External Category** Simple Data Element **Data Type** ID **Position** 03
254 Packing Group Code	Code indicating degree of danger in terms of Roman number I, II or III	**Cardinality** **min:** 0 **max:** 1 **Primitive Type** Token **Length** **min:** 1 **max:** 3 **External Category** Simple Data Element **Data Type** ID **Position** 10

4.30 LH2 — Hazardous Classification Information

Structure

Node	Card.	Prim.Type	Pos.	Length	Codelists
204 — Motor Carrier Load Tender	1 .. 1				
├ **0300** — Loop 0300 - Complete or Others	2 .. 999		010		
│ └ **0350** — Loop 0350	0 .. 999		150		
│ └ **0360** — Loop 0360	0 .. 99		190		
│ └ **0365** — Loop 0365	0 .. 99		200		
│ └ **0370** — Loop 0370	0 .. 25		203		
│ ├ **LH2** — Hazardous Classification Information	0 .. 4		204		
│ │ ├ **215** — Hazardous Classification	0 .. 1	Token	01	1 .. 30	
│ │ ├ **983** — Hazardous Class Qualifier	0 .. 1	Token	02	1 .. 1	983
│ │ ├ **355** — Unit or Basis for Measurement Code	0 .. 1	Token	06	2 .. 2	355
│ │ └ **408** — Temperature	0 .. 1	Decimal	07	1 .. 4	

Documentation

Definition To specify the hazardous notation and endorsement information

Properties

Identifier LH2

Name Hazardous Classification Information

Cardinality min: 0 max: 4

Syntax Type Related

External Category Segment

Position 204

Level 7

Notes

Usage 1 LH206 and LH207 indicate the flashpoint temperature.

Usage 2 LH208 and LH209 indicate the control temperature.

Usage 3 LH210 and LH211 indicate the emergency temperature.

Constraint 1 P0607 Paired Multiple - If any are used, all must be used

Constraint 2 P0809 Paired Multiple - If any are used, all must be used

Constraint 3 P1011 Paired Multiple - If any are used, all must be used

Leaf Elements

Identifier/Name	Description/Notes/Code Values	Properties
215 Hazardous Classification	The hazardous classification corresponding to the shipping name of the hazardous commodity	**Cardinality** min: 0 max: 1 **Primitive Type** Token **Length** min: 1 max: 30 **External Category** Simple Data Element **Data Type** ID **Position** 01
983 Hazardous Class Qualifier	Code qualifying hazardous class **Selected Values** All Values in Codelist	**Cardinality** min: 0 max: 1 **Primitive Type** Token **Length** min: 1 max: 1 **External Category** Simple Data Element **Data Type** ID **Position** 02 **Codelist Id** 983 **Type System** ASC_X12

		Version Mode Current **Version** 004010
355 Unit or Basis for Measurement Code	Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken **Selected Values** All Values in Codelist	**Cardinality** **min:** 0 **max:** 1 **Primitive Type** Token **Length** **min:** 2 **max:** 2 **External Category** Simple Data Element **Data Type** ID **Position** 06 **Codelist Id** 355 **Type System** ASC_X12 **Version Mode** Current **Version** 004010
408 Temperature	Temperature	**Cardinality** **min:** 0 **max:** 1 **Primitive Type** Decimal **Length** **min:** 1 **max:** 4 **Total Digits** 4 **External Category** Simple Data Element **Data Type** R **Position** 07

4.31 LFH — Freeform Hazardous Material Information

Structure

Node	Card.	Prim.Type	Pos.	Length	Codelists
204 — Motor Carrier Load Tender	1 .. 1				
├ **0300** — Loop 0300 - Complete or Others	2 .. 999		010		
│ └ **0350** — Loop 0350	0 .. 999		150		
│ └ **0360** — Loop 0360	0 .. 99		190		
│ └ **0365** — Loop 0365	0 .. 99		200		
│ └ **0370** — Loop 0370	0 .. 25		203		
│ └ **LFH** — Freeform Hazardous Material Information	0 .. 20		206		
│ ├ **808** — Hazardous Material Shipment Information Qualifier	1 .. 1	Token	01	3 .. 3	808
│ └ **809** — Hazardous Material Shipment Information	1 .. 1	String	02	1 .. 25	

Documentation

Definition To uniquely identify the variable information required by government regulation covering the transportation of hazardous material shipments

Properties

Identifier LFH

Name Freeform Hazardous Material Information

Cardinality min: 0 max: 20

Syntax Type Related

External Category Segment

Position 206

Level 7

Notes

Usage 1 LFH06 indicates activity of the radioactive material.

Usage 2 LFH07 indicates transport index of the radioactive material.

Constraint 1 P0506 Paired Multiple - If any are used, all must be used

Leaf Elements

Identifier/Name	Description/Notes/Code Values	Properties
808 Hazardous Material Shipment Information Qualifier	Qualifier indicating the type of information being passed so that a receiver may format a description of hazardous commodity movements that meets regulatory requirements **Selected Values** **Code** ADI **Name** Additional Descriptive Information Not Required by Regulation but Desired to Accompany the Movement by the Shipper **Code** MPI **Name** Marine Pollutant	**Cardinality** min: 1 max: 1 **Primitive Type** Token **Length** min: 3 max: 3 **External Category** Simple Data Element **Data Type** ID **Position** 01 **Codelist Id** 808 **Type System** ASC_X12 **Version Mode** Current **Version** 004010
809 Hazardous Material Shipment Information	Specific information required by law for hazardous material shipments	**Cardinality** min: 1 max: 1 **Primitive Type** String **Length** min: 1 max: 25 **External Category** Simple Data Element **Data Type** AN **Position** 02

4.32 L3 — Total Weight and Charges

Structure

Node	Card.	Prim.Type	Pos.	Length	Codelists
204 — Motor Carrier Load Tender	1 .. 1				
├ **L3** — Total Weight and Charges	1 .. 1		010		
│ ├ **81** — Weight - Gross Weight	1 .. 1	Decimal	01	1 .. 10	
│ ├ **187** — Weight Qualifier	1 .. 1	Token	02	1 .. 2	187
│ ├ **58** — Charge	0 .. 1	Decimal	05	1 .. 12	
│ ├ **183** — Volume - Gallons, Liter, Cubic Feet, or Cubic Meters	1 .. 1	Decimal	09	1 .. 8	
│ ├ **184** — Volume Unit Qualifier	0 .. 1	Token	10	1 .. 1	184
│ └ **188** — Weight Unit Code	0 .. 1	Token	12	1 .. 1	188

Documentation

Definition To specify the total shipment in terms of weight, volume, rates, charges, advances, and prepaid amounts applicable to one or more line items

Properties

Identifier L3

Name Total Weight and Charges

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
81 [187 = "G"] Weight - Gross Weight	Numeric value of weight	**Cardinality** min: 1 max: 1 **Primitive Type** Decimal **Length** min: 1 max: 10 **Total Digits** 10 **External Category** Simple Data Element **Data Type** R **Position** 01
187 Weight Qualifier	Code defining the type of weight **Selected Values** **Code** G **Name** Gross Weight	**Cardinality** min: 1 max: 1 **Primitive Type** Token **Length** min: 1 max: 2 **External Category** Simple Data Element **Data Type** ID **Position** 02 **Codelist Id** 187 **Type System** ASC_X12 **Version Mode** Current **Version** 004010
58 Charge	For a line item: freight or special charge; for the total invoice: the total charges -- expressed in the standard monetary denomination for the currency specified	**Cardinality** min: 0 max: 1 **Primitive Type** Decimal **Length** min: 1 max: 12 **Fraction Digits** 2 **Total Digits** 12 **External Category** Simple Data Element **Data Type** N2 **Position** 05

183 [184 = “E” | “G” | “V” | “X”] Volume - Gallons, Liter, Cubic Feet, or Cubic Meters	Value of volumetric measure	**Cardinality** **min:** 1 **max:** 1 **Primitive Type** Decimal **Length** **min:** 1 **max:** 8 **Total Digits** 8 **External Category** Simple Data Element **Data Type** R **Position** 09
184 Volume Unit Qualifier	Code identifying the volume unit **Selected Values** **Code** E **Name** Cubic Feet **Code** G **Name** Gallons **Code** V **Name** Liter **Code** X **Name** Cubic Meters	**Cardinality** **min:** 0 **max:** 1 **Primitive Type** Token **Length** **min:** 1 **max:** 1 **External Category** Simple Data Element **Data Type** ID **Position** 10 **Codelist Id** 184 **Type System** ASC_X12 **Version Mode** Current **Version** 004010
188 Weight Unit Code	Code specifying the weight unit **Selected Values** **Code** K **Name** Kilograms **Code** L **Name** Pounds **Code** O **Name** Ounces **Code** E **Name** Metric Ton	**Cardinality** **min:** 0 **max:** 1 **Primitive Type** Token **Length** **min:** 1 **max:** 1 **External Category** Simple Data Element **Data Type** ID **Position** 12 **Codelist Id** 188 **Type System** ASC_X12 **Version Mode** Current **Version** 004010

4.33 SE — Transaction Set Trailer

Structure

Node	Card.	Prim.Type	Pos.	Length	Codelists
204 — Motor Carrier Load Tender	1 .. 1				
└ **SE** — Transaction Set Trailer	1 .. 1		020		
├ **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 020

Level 2

Notes

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

Leaf Elements

Identifier/Name	Description/Notes/Code Values	Properties
96 Number of Included Segments	Total number of segments included in a transaction set including ST and SE segments	**Cardinality** min: 1 max: 1 **Primitive Type** Integer **Length** min: 1 max: 10 **Fraction Digits** 0 **Total Digits** 10 **External Category** Simple Data Element **Data Type** N0 **Position** 01
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	**Cardinality** min: 1 max: 1 **Primitive Type** String **Length** min: 4 max: 9 **External Category** Simple Data Element **Data Type** AN **Position** 02

5 COPYRIGHT STATEMENTS

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

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