216 Motor Carrier Shipment Pick-up Notification

Functional Group=PU

This Draft Standard for Trial Use contains the format and establishes the data contents of the Motor Carrier Shipment Pick-up Notification Transaction Set (216) 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 provide a motor carrier with notification that a shipment is available for pick-up. It is not to be used to provide a motor carrier with data relative to a legal bill of lading, rating, pricing, or appointment scheduling.

Not Defined:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
	ISA	Interchange Control Header	M	1			Must use
	GS	Functional Group Header	M	1			Must use

Heading:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
010	ST	Transaction Set Header	M	1			Must use
020	PUN	Beginning Segment for Motor Carrier Pick-up Notification	M	1			Must use
030	G61	Contact	O	1		N1/030	Used
040	TEM	Pick-up Totals	O	1		N1/040	Used
LOOP ID - 0100					**2**	**N1/050L**	
050	N1	Name	M	1		N1/050	Must use
060	N2	Additional Name Information	O	1			Used
070	N3	Address Information	O	2			Used
080	N4	Geographic Location	O	1			Used
090	SE	Transaction Set Trailer	M	1			Must use

Not Defined:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
	GE	Functional Group Trailer	M	1			Must use
	IEA	Interchange Control Trailer	M	1			Must use

Notes:

1/030 The G61 segment is used to provide the motor carrier with the name and phone number of the contact that can answer questions concerning the freight available for pick-up at the location specified in loop 0100.

1/040 The TEM segment provides the motor carrier with the total number of handling units and the approximate weight of the shipment that is available for pick-up at the location specified in loop 0100.

1/050L Loop 0100 is used to provide the motor carrier with the pick-up (ship-from) location and the delivery (ship-to) location.

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ISA Interchange Control Header

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 16

User Option (Usage): Must use

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

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ISA01	I01	**Authorization Information Qualifier** **Description:** Code to identify the type of information in the Authorization Information **All valid standard codes are used.**	M	ID	2/2	Must use
ISA02	I02	**Authorization Information** **Description:** 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)	M	AN	10/10	Must use
ISA03	I03	**Security Information Qualifier** **Description:** Code to identify the type of information in the Security Information **All valid standard codes are used.**	M	ID	2/2	Must use
ISA04	I04	**Security Information** **Description:** 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)	M	AN	10/10	Must use
ISA05	I05	**Interchange ID Qualifier** **Description:** Qualifier to designate the system/method of code structure used to designate the sender or receiver ID element being qualified **All valid standard codes are used.**	M	ID	2/2	Must use
ISA06	I06	**Interchange Sender ID** **Description:** 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	M	AN	15/15	Must use
ISA07	I05	**Interchange ID Qualifier** **Description:** Qualifier to designate the system/method of code structure used to designate the sender or receiver ID element being qualified **All valid standard codes are used.**	M	ID	2/2	Must use
ISA08	I07	**Interchange Receiver ID** **Description:** 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	M	AN	15/15	Must use
ISA09	I08	**Interchange Date**	M	DT	6/6	Must use

		Description: Date of the interchange				
ISA10	I09	**Interchange Time** **Description:** Time of the interchange	M	TM	4/4	Must use
ISA11	I10	**Interchange Control Standards Identifier** **Description:** Code to identify the agency responsible for the control standard used by the message that is enclosed by the interchange header and trailer **All valid standard codes are used.**	M	ID	1/1	Must use
ISA12	I11	**Interchange Control Version Number** **Description:** Code specifying the version number of the interchange control segments **All valid standard codes are used.**	M	ID	5/5	Must use
ISA13	I12	**Interchange Control Number** **Description:** A control number assigned by the interchange sender	M	N0	9/9	Must use
ISA14	I13	**Acknowledgment Requested** **Description:** Code sent by the sender to request an interchange acknowledgment (TA1) **All valid standard codes are used.**	M	ID	1/1	Must use
ISA15	I14	**Usage Indicator** **Description:** Code to indicate whether data enclosed by this interchange envelope is test, production or information **All valid standard codes are used.**	M	ID	1/1	Must use
ISA16	I15	**Component Element Separator** **Description:** 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	M		1/1	Must use

GS Functional Group Header

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 8

User Option (Usage): Must use

To indicate the beginning of a functional group and to provide control information

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
GS01	479	**Functional Identifier Code** **Description:** Code identifying a group of application related transaction sets **All valid standard codes are used.**	M	ID	2/2	Must use
GS02	142	**Application Sender's Code** **Description:** Code identifying party sending transmission; codes agreed to by trading partners	M	AN	2/15	Must use
GS03	124	**Application Receiver's Code** **Description:** Code identifying party receiving transmission; codes agreed to by trading partners	M	AN	2/15	Must use
GS04	373	**Date** **Description:** Date expressed as CCYYMMDD	M	DT	8/8	Must use
GS05	337	**Time** **Description:** 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)	M	TM	4/8	Must use
GS06	28	**Group Control Number** **Description:** Assigned number originated and maintained by the sender	M	N0	1/9	Must use
GS07	455	**Responsible Agency Code** **Description:** Code identifying the issuer of the standard; this code is used in conjunction with Data Element 480 **All valid standard codes are used.**	M	ID	1/2	Must use
GS08	480	**Version / Release / Industry Identifier Code** **Description:** 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 **All valid standard codes are used.**	M	AN	1/12	Must use

Semantics:

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.

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.

ST Transaction Set Header

Pos: 010	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

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

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ST01	143	**Transaction Set Identifier Code** **Description:** Code uniquely identifying a Transaction Set **All valid standard codes are used.**	M	ID	3/3	Must use
ST02	329	**Transaction Set Control Number** **Description:** Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	M	AN	4/9	Must use

Semantics:

1. The transaction set identifier (ST01) used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).

PUN Beginning Segment for Motor Carrier Pick-up Notification

Pos: 020 **Max: 1**
Heading - Mandatory
Loop: N/A **Elements: 4**

User Option (Usage): Must use

To transmit identifying numbers and other basic data relating to the Motor Carrier Pick-up Notification transaction set

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
PUN01	140	**Standard Carrier Alpha Code** **Description:** Standard Carrier Alpha Code	M	ID	2/4	Must use
PUN02	373	**Date** **Description:** Date expressed as CCYYMMDD	M	DT	8/8	Must use
PUN03	337	**Time** **Description:** 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)	O	TM	4/8	Used
PUN04	127	**Reference Identification** **Description:** Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	O	AN	1/30	Used

Semantics:

1. PUN01 is the Standard Carrier Alpha Code (SCAC) of the carrier that is the intended recipient of this transaction set.
2. PUN02 is the date the freight will be available for pick-up by the motor carrier identified in PUN01.
3. PUN03 is the time that the freight will be available on the date specified in PUN02.
4. PUN04 is the pick-up authorization or reference number. If provided, it is the reference number that the carrier is required to provide in order to pick-up the shipment.

G61 Contact

Pos: 030	Max: 1
Heading - Optional	
Loop: N/A	Elements: 5

User Option (Usage): Used

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

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
G6101	366	**Contact Function Code** **Description:** Code identifying the major duty or responsibility of the person or group named **All valid standard codes are used.**	M	ID	2/2	Must use
G6102	93	**Name** **Description:** Free-form name	M	AN	1/60	Must use
G6103	365	**Communication Number Qualifier** **Description:** Code identifying the type of communication number **All valid standard codes are used.**	X	ID	2/2	Used
G6104	364	**Communication Number** **Description:** Complete communications number including country or area code when applicable	X	AN	1/80	Used
G6105	443	**Contact Inquiry Reference** **Description:** Additional reference number or description to clarify a contact number	O	AN	1/20	Used

Syntax:

1. P0304 - If either G6103,G6104 is present, then all are required

Comments:

1. G6103 qualifies G6104.

TEM Pick-up Totals

Pos: 040 **Max: 1**
Heading - Optional
Loop: N/A **Elements: 4**

User Option (Usage): Used

To provide minimal lading data relative to a pick-up

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
TEM01	380	**Quantity** **Description:** Numeric value of quantity	X	R	1/15	Used
TEM02	380	**Quantity** **Description:** Numeric value of quantity	X	R	1/15	Used
TEM03	188	**Weight Unit Code** **Description:** Code specifying the weight unit **All valid standard codes are used.**	X	ID	1/1	Used
TEM04	81	**Weight** **Description:** Numeric value of weight	X	R	1/10	Used

Syntax:

1. R0102 - At least one of TEM01,TEM02 is required
2. P0304 - If either TEM03,TEM04 is present, then all are required

Semantics:

1. TEM01 is the quantity of handling units that are not unitized (for example cartons). When added to the quantity in TEM02, it is the total quantity of handling units to be tendered to the carrier at the time of pick-up.
2. TEM02 is the quantity of handling units that are unitized (for example pallet, slip sheet). When added to the quantity in TEM01 it is the total quantity of handling units to be tendered to the carrier at the time of pick-up.
3. TEM03 is the weight of the shipment.

Loop 0100

Pos: 050	Repeat: 2
Mandatory	
Loop: 0100	Elements: N/A

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

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
050	N1	Name	M	1		Must use
060	N2	Additional Name Information	O	1		Used
070	N3	Address Information	O	2		Used
080	N4	Geographic Location	O	1		Used

N1 Name

Pos: 050 **Max: 1**
Heading - Mandatory
Loop: 0100 **Elements: 6**

User Option (Usage): Must use

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

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N101	98	**Entity Identifier Code** **Description:** Code identifying an organizational entity, a physical location, property or an individual **All valid standard codes are used.**	M	ID	2/3	Must use
N102	93	**Name** **Description:** Free-form name	X	AN	1/60	Used
N103	66	**Identification Code Qualifier** **Description:** Code designating the system/method of code structure used for Identification Code (67) **All valid standard codes are used.**	X	ID	1/2	Used
N104	67	**Identification Code** **Description:** Code identifying a party or other code	X	AN	2/80	Used
N105	706	**Entity Relationship Code** **Description:** Code describing entity relationship **All valid standard codes are used.**	O	ID	2/2	Used
N106	98	**Entity Identifier Code** **Description:** Code identifying an organizational entity, a physical location, property or an individual **All valid standard codes are used.**	O	ID	2/3	Used

Syntax:

1. R0203 - At least one of N102,N103 is required
2. P0304 - If either N103,N104 is present, then all are required

Comments:

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.
2. N105 and N106 further define the type of entity in N101.

N2 Additional Name Information

Pos: 060 **Max: 1**
Heading - Optional
Loop: 0100 **Elements: 2**

User Option (Usage): Used

To specify additional names or those longer than 35 characters in length

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N201	93	**Name** **Description:** Free-form name	M	AN	1/60	Must use
N202	93	**Name** **Description:** Free-form name	O	AN	1/60	Used

N3 Address Information

Pos: 070 **Max: 2**
Heading - Optional
Loop: 0100 **Elements: 2**

User Option (Usage): Used

To specify the location of the named party

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N301	166	**Address Information** **Description:** Address information	M	AN	1/55	Must use
N302	166	**Address Information** **Description:** Address information	O	AN	1/55	Used

N4 Geographic Location

Pos: 080 **Max: 1**
Heading - Optional
Loop: 0100 **Elements: 6**

User Option (Usage): Used

To specify the geographic place of the named party

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N401	19	**City Name** **Description:** Free-form text for city name	O	AN	2/30	Used
N402	156	**State or Province Code** **Description:** Code (Standard State/Province) as defined by appropriate government agency	O	ID	2/2	Used
N403	116	**Postal Code** **Description:** Code defining international postal zone code excluding punctuation and blanks (zip code for United States)	O	ID	3/15	Used
N404	26	**Country Code** **Description:** Code identifying the country	O	ID	2/3	Used
N405	309	**Location Qualifier** **Description:** Code identifying type of location **All valid standard codes are used.**	X	ID	1/2	Used
N406	310	**Location Identifier** **Description:** Code which identifies a specific location	O	AN	1/30	Used

Syntax:

1. C0605 - If N406 is present, then all of N405 are required

Comments:

1. A combination of either N401 through N404, or N405 and N406 may be adequate to specify a location.
2. N402 is required only if city name (N401) is in the U.S. or Canada.

SE Transaction Set Trailer

Pos: 090	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

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

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SE01	96	**Number of Included Segments** **Description:** Total number of segments included in a transaction set including ST and SE segments	M	N0	1/10	Must use
SE02	329	**Transaction Set Control Number** **Description:** Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	M	AN	4/9	Must use

Comments:

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

GE Functional Group Trailer

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

To indicate the end of a functional group and to provide control information

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
GE01	97	**Number of Transaction Sets Included** **Description:** Total number of transaction sets included in the functional group or interchange (transmission) group terminated by the trailer containing this data element	M	N0	1/6	Must use
GE02	28	**Group Control Number** **Description:** Assigned number originated and maintained by the sender	M	N0	1/9	Must use

Semantics:

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.

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.

IEA Interchange Control Trailer

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

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

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
IEA01	I16	**Number of Included Functional Groups** **Description:** A count of the number of functional groups included in an interchange	M	N0	1/5	Must use
IEA02	I12	**Interchange Control Number** **Description:** A control number assigned by the interchange sender	M	N0	9/9	Must use