



**General
Mills**

**Making Food
People Love**

210 Motor Carrier Freight Details and Invoice

X12/V4010/210: 210 Motor Carrier Freight Details and Invoice

Company:

General Mills

Modified:

8/17/2023

Notes:

**This Spec is used for
Invoicing General Mills
TRUCKLOAD, LTL, and
INTERMODAL Shipments only**

Table of Contents

210	Motor Carrier Freight Details and Invoice	1
ISA	Interchange Control Header	3
GS	Functional Group Header	5
ST	Transaction Set Header	6
B3	Beginning Segment for Carrier's Invoice	7
C3	Currency	9
N9	Reference Identification	10
G62	Date/Time	11
0100	Loop Name	12
N1	Name	13
N3	Address Information	14
N4	Geographic Location	15
0200	Loop Equipment Details	16
N7	Equipment Details	17
M7	Seal Numbers	18
0300	Loop Stop Off Details	19
S5	Stop Off Details	20
0310	Loop Name	21
N1	Name	22
N3	Address Information	23
N4	Geographic Location	24
0320	Loop Equipment Details	25
N7	Equipment Details	26
M7	Seal Numbers	27
0400	Loop Assigned Number	28
LX	Assigned Number	29
N9	Reference Identification	30
L0	Line Item - Quantity and Weight	31
L1	Rate and Charges	33
L3	Total Weight and Charges	38
SE	Transaction Set Trailer	39
GE	Functional Group Trailer	40
IEA	Interchange Control Trailer	41

210 Motor Carrier Freight Details and Invoice

Functional Group=IM

Purpose: This Draft Standard for Trial Use contains the format and establishes the data contents of the Motor Carrier Freight Details and Invoice Transaction Set (210) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to provide detail information for charges for services rendered by a motor carrier. It is used both as a motor carrier invoice to request payment or as details pertaining to motor freight shipment(s) charges.

Not Defined:

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

Heading:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
010	ST	Transaction Set Header	M	1			Must use
020	B3	Beginning Segment for Carrier's Invoice	M	1			Must use
040	C3	Currency	O	1			Used
060	N9	Reference Identification	O	300			Must use
070	G62	Date/Time	O	6			Must use

<u>LOOP ID - 0100</u>					<u>10</u>		
110	N1	Name	O	1			Must use
130	N3	Address Information	O	2			Must use
140	N4	Geographic Location	O	1			Must use

<u>LOOP ID - 0200</u>					<u>10</u>		
160	N7	Equipment Details	O	1			Must use
170	M7	Seal Numbers	O	2			Used

Detail:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
<u>LOOP ID - 0300</u>					<u>999</u>	<u>N2/010L</u>	
010	S5	Stop Off Details	O	1		N2/010	Used

<u>LOOP ID - 0310</u>					<u>2</u>		
050	N1	Name	O	1			Used
070	N3	Address Information	O	2			Used
080	N4	Geographic Location	O	1			Used

<u>LOOP ID - 0320</u>					<u>10</u>		
100	N7	Equipment Details	O	1			Used
110	M7	Seal Numbers	O	2			Used

<u>LOOP ID - 0400</u>					<u>9999</u>		
120	LX	Assigned Number	O	1			Must use
130	N9	Reference Identification	O	5			Used
170	L0	Line Item - Quantity and Weight	O	10			Must use
180	L1	Rate and Charges	O	10			Must use

Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
010	L3	Total Weight and Charges	O	1			Used
020	SE	Transaction Set Trailer	M	1			Must use

Not Defined:

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

Notes:

- 2/010L Loops 0300, 0305, 0310 and 0320 shall only be used to identify all stop-off locations and associated data for loading and unloading of freight with the exception of the original stop-off location (shipper) for truckload carriers. The original stop-off location (shipper) shall be transmitted in loop 0100.
- 2/010 Loops 0300, 0305, 0310 and 0320 shall only be used to identify all stop-off locations and associated data for loading and unloading of freight with the exception of the original stop-off location (shipper) for truckload carriers. The original stop-off location (shipper) shall be transmitted in loop 0100.

ISA Interchange Control Header

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

User Option (Usage): Must use

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

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
ISA01	I01	Authorization Information Qualifier	M	ID	2/2	Must use
<p>Description: Code to identify the type of information in the Authorization Information All valid standard codes are used. (Total Codes: 7)</p>						
ISA02	I02	Authorization Information	M	AN	10/10	Must use
<p>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)</p>						
ISA03	I03	Security Information Qualifier	M	ID	2/2	Must use
<p>Description: Code to identify the type of information in the Security Information All valid standard codes are used. (Total Codes: 2)</p>						
ISA04	I04	Security Information	M	AN	10/10	Must use
<p>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)</p>						
ISA05	I05	Interchange ID Qualifier	M	ID	2/2	Must use
<p>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. (Total Codes: 38)</p>						
ISA06	I06	Interchange Sender ID	M	AN	15/15	Must use
<p>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</p>						
ISA07	I05	Interchange ID Qualifier	M	ID	2/2	Must use
<p>Description: Qualifier to designate the system/method of code structure used to designate the sender or receiver ID element being qualified Code List Summary (Total Codes: 38, Included: 1) Code Name 08 UCC EDI Communications ID (Comm ID)</p>						
ISA08	I07	Interchange Receiver ID	M	AN	15/15	Must use
<p>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 General Mills Note: <i>General Mills ID = 9251190000</i></p>						
ISA09	I08	Interchange Date	M	DT	6/6	Must use
<p>Description: Date of the interchange</p>						
ISA10	I09	Interchange Time	M	TM	4/4	Must use
<p>Description: Time of the interchange</p>						
ISA11	I10	Interchange Control Standards Identifier	M	ID	1/1	Must use
<p>Description: Code to identify the agency responsible for the control standard used by the message that is</p>						

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
		enclosed by the interchange header and trailer All valid standard codes are used. (Total Codes: 1)				
ISA12	I11	Interchange Control Version Number	M	ID	5/5	Must use
		Description: Code specifying the version number of the interchange control segments Code List Summary (Total Codes: 14, Included: 1) Code Name 00401 Draft Standards for Trial Use Approved for Publication by ASC X12 Procedures Review Board through October 1997				
ISA13	I12	Interchange Control Number	M	N0	9/9	Must use
		Description: A control number assigned by the interchange sender				
ISA14	I13	Acknowledgment Requested	M	ID	1/1	Must use
		Description: Code sent by the sender to request an interchange acknowledgment (TA1) All valid standard codes are used. (Total Codes: 2)				
ISA15	I14	Usage Indicator	M	ID	1/1	Must use
		Description: Code to indicate whether data enclosed by this interchange envelope is test, production or information Code List Summary (Total Codes: 3, Included: 1) Code Name P Production Data				
ISA16	I15	Component Element Separator	M		1/1	Must use
		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				

GS Functional Group Header

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

User Option (Usage): Must use

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

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
GS01	479	Functional Identifier Code	M	ID	2/2	Must use

Description: Code identifying a group of application related transaction sets

Code List Summary (Total Codes: 240, Included: 1)

Code Name

IM Motor Carrier Freight Details and Invoice (210, 980)

GS02	142	Application Sender's Code	M	AN	2/15	Must use
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Description: Code identifying party sending transmission; codes agreed to by trading partners

GS03	124	Application Receiver's Code	M	AN	2/15	Must use
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Description: Code identifying party receiving transmission; codes agreed to by trading partners

General Mills Note:

General Mills ID = 6125404455

GS04	373	Date	M	DT	8/8	Must use
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Description: Date expressed as CCYYMMDD

GS05	337	Time	M	TM	4/8	Must use
------	-----	-------------	---	----	-----	----------

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)

GS06	28	Group Control Number	M	N0	1/9	Must use
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Description: Assigned number originated and maintained by the sender

GS07	455	Responsible Agency Code	M	ID	1/2	Must use
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Description: Code identifying the issuer of the standard; this code is used in conjunction with Data Element 480

Code List Summary (Total Codes: 2, Included: 1)

Code Name

X Accredited Standards Committee X12

GS08	480	Version / Release / Industry Identifier Code	M	AN	1/12	Must use
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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

Code List Summary (Total Codes: 39, Included: 1)

Code Name

004010 Draft Standards Approved for Publication by ASC X12 Procedures Review Board through October 1997

ST Transaction Set Header

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

User Option (Usage): Must use

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

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
ST01	143	Transaction Set Identifier Code	M	ID	3/3	Must use

Description: Code uniquely identifying a Transaction Set

Code List Summary (Total Codes: 298, Included: 1)

Code Name

210 Motor Carrier Freight Details and Invoice

ST02	329	Transaction Set Control Number	M	AN	4/9	Must use
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Description: Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set

B3 Beginning Segment for Carrier's Invoice

Pos: 020	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 8

User Option (Usage): Must use

Purpose: To transmit basic data relating to the carrier's invoice

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
B302	76	Invoice Number	M	AN	1/22	Must use

Description: Identifying number assigned by issuer

General Mills Note:

Carrier Invoice Number

B303	145	Shipment Identification Number	O	AN	1/30	Must use
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Description: 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)

General Mills Note:

General Mills 10 digit Shipment Number (from B204 element of the EDI 204 Load Tender)

B304	146	Shipment Method of Payment	M	ID	2/2	Must use
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Description: Code identifying payment terms for transportation charges

Code List Summary (Total Codes: 28, Included: 2)

Code Name

CC Collect

General Mills Note:

Signifies GMI Inbound Shipment (from B206 element of the EDI 204 Load Tender)

PP Prepaid (by Seller)

General Mills Note:

Signifies GMI Outbound Shipment (from B206 element of the EDI 204 Load Tender)

B305	188	Weight Unit Code	O	ID	1/1	Used
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Description: Code specifying the weight unit

General Mills Note:

Send this element only if weight is expressed in Killograms (pounds is assumed)

Code List Summary (Total Codes: 8, Included: 1)

Code Name

K Kilograms

B306	373	Date	M	DT	8/8	Must use
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Description: Date expressed as CCYYMMDD

General Mills Note:

Carrier Invoice Creation Date

B307	193	Net Amount Due	M	N2	1/12	Must use
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Description: Total charges to be paid by the receiver of this transaction set expressed in the standard monetary denomination for the currency specified

General Mills Note:

Total amount of this transaction (decimal is implied/assumed)

Subsequent invoices (populated B308) must include only new/incremental charge amounts.

B308	202	Correction Indicator	O	ID	2/2	Used
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<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
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Description: Code used to indicate that the transaction set contains information which corrects previous information

General Mills Note:

A code must be sent here to identify this as a **Subsequent** [to the original] **Invoice**.
 GMI system reads this element as either empty (Original) or populated (Subsequent).
 One - AND ONLY ONE - Original Invoice is processed per GMI shipment number.
 Subsequent Invoices are processed only after an Original has posted successfully.

All valid standard codes are used. (Total Codes: 36)

B311	140	Standard Carrier Alpha Code	M	ID	2/4	Must use
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Description: Standard Carrier Alpha Code

General Mills Note:

SCAC of carrier to receive payment (letters must be upper case)

Syntax Rules:

1. P0910 - If either B309 or B310 is present, then the other is required.

C3 Currency

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

User Option (Usage): Used

Purpose: To specify the currency being used in the transaction set

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
C301	100	Currency Code	M	ID	3/3	Used

Description: Code (Standard ISO) for country in whose currency the charges are specified

General Mills Note:

Send C3 segment only if invoice is in Canadian Dollars (CAD)

N9 Reference Identification

Pos: 060	Max: 300
Heading - Optional	
Loop: N/A	Elements: 2

User Option (Usage): Must use

Purpose: To transmit identifying information as specified by the Reference Identification Qualifier

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
N901	128	Reference Identification Qualifier	M	ID	2/3	Must use

Description: Code qualifying the Reference Identification

Code List Summary (Total Codes: 1503, Included: 3)

Code Name

- CR Customer Reference Number
- D0 Data Reliability Code
- DO Delivery Order Number

N902	127	Reference Identification	X	AN	1/30	Must use
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Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

Syntax Rules:

1. R0203 - At least one of N902 or N903 is required.
2. C0605 - If N906 is present, then N905 is required.

General Mills Note:

Each Delivery (DO) number relevant to the shipment must be represented in an N9 segment.

If you cannot supply the DO number, then use the CR number.

Please do not send both! DO numbers are always preferred. Only send the CR if you cannot supply the DO.

Only reference numbers associated with qualifiers listed in N901 element are mapped into GMI business system.

G62 Date/Time

Pos: 070	Max: 6
Heading - Optional	
Loop: N/A	Elements: 2

User Option (Usage): Must use

Purpose: To specify pertinent dates and times

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
G6201	432	Date Qualifier	X	ID	2/2	Must use

Description: Code specifying type of date

Code List Summary (Total Codes: 137, Included: 1)

Code Name

11 Shipped on This Date

G6202	373	Date	X	DT	8/8	Must use
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Description: Date expressed as CCYYMMDD

General Mills Note:

Ship Date (Date shipment was picked-up/shipped from the initial source location)

Syntax Rules:

1. R0103 - At least one of G6201 or G6203 is required.
2. P0102 - If either G6201 or G6202 is present, then the other is required.
3. P0304 - If either G6203 or G6204 is present, then the other is required.

General Mills Note:

This is NOT an optional segment for General Mills!

*This segment is mandatory for payment processing of **Inbound** shipments.*

Though optional for Outbound shipments, this segment is desirable and beneficial for payment analysis.

It is preferable that ALL EDI 210 Invoices contain this this information.

Loop Name

Pos: 110	Repeat: 10
Optional	
Loop: 0100	Elements: N/A

User Option (Usage): Must use

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

Loop Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Usage</u>
110	N1	Name	O	1		Must use
130	N3	Address Information	O	2		Must use
140	N4	Geographic Location	O	1		Must use

N1 Name

Pos: 110	Max: 1
Heading - Optional	
Loop: 0100	Elements: 2

User Option (Usage): Must use

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

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
N101	98	Entity Identifier Code	M	ID	2/3	Must use

Description: Code identifying an organizational entity, a physical location, property or an individual

Code List Summary (Total Codes: 1312, Included: 4)

<u>Code</u>	<u>Name</u>
CN	Consignee
SF	Ship From
SH	Shipper
ST	Ship To

N102	93	Name	X	AN	1/60	Must use
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Description: Free-form name

Syntax Rules:

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

General Mills Note:

*Send one loop (N1-N4) with Shipper (SH or SF) information - indicating initial source location for the load.
Send one loop (N1-N4) with Ship-To (CN or ST) information - indicating final destination of the load.*

N3 Address Information

Pos: 130	Max: 2
Heading - Optional	
Loop: 0100	Elements: 1

User Option (Usage): Must use

Purpose: To specify the location of the named party

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
N301	166	Address Information	M	AN	1/55	Must use

Description: Address information

N4 Geographic Location

Pos: 140	Max: 1
Heading - Optional	
Loop: 0100	Elements: 3

User Option (Usage): Must use

Purpose: To specify the geographic place of the named party

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
N401	19	City Name	O	AN	2/30	Must use
Description: Free-form text for city name						
N402	156	State or Province Code	O	ID	2/2	Must use
Description: Code (Standard State/Province) as defined by appropriate government agency						
N403	116	Postal Code	O	ID	3/15	Must use
Description: Code defining international postal zone code excluding punctuation and blanks (zip code for United States)						

Syntax Rules:

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

Loop Equipment Details

Pos: 160	Repeat: 10
Optional	
Loop: 0200	Elements: N/A

User Option (Usage): Used

Purpose: To identify the equipment

Loop Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Usage</u>
160	N7	Equipment Details	O	1		Must use
170	M7	Seal Numbers	O	2		Used

N7 Equipment Details

Pos: 160	Max: 1
Heading - Optional	
Loop: 0200	Elements: 3

User Option (Usage): Must use
Purpose: To identify the equipment

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
N701	206	Equipment Initial	O	AN	1/4	Must use

Description: Prefix or alphabetic part of an equipment unit's identifying number

General Mills Note:

*Equipment initial from the actual trailer (letters must be upper case)
 Carrier of Execution (SCAC)*

N702	207	Equipment Number	M	AN	1/10	Must use
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Description: Sequencing or serial part of an equipment unit's identifying number (pure numeric form for equipment number is preferred)

General Mills Note:

Equipment number from the actual trailer

N715	567	Equipment Length	O	N0	4/5	Used
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Description: Length (in feet and inches) of equipment ordered or used to transport shipment (The format is FFFII where FFF is feet and II is inches; the range for II is 00 through 11)

General Mills Note:

Format is FFFII where FFF is feet and II is inches (inches expressed as 00 through 11)

Syntax Rules:

1. P0304 - If either N703 or N704 is present, then the other is required.
2. P0516 - If either N705 or N716 is present, then the other is required.
3. P0809 - If either N708 or N709 is present, then the other is required.

M7 Seal Numbers

Pos: 170	Max: 2
Heading - Optional	
Loop: 0200	Elements: 2

User Option (Usage): Used

Purpose: To record seal numbers used and the organization that applied the seals

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
M701	225	Seal Number	M	AN	2/15	Used
Description: Unique number on seal used to close a shipment						
M702	225	Seal Number	O	AN	2/15	Used
Description: Unique number on seal used to close a shipment						

Loop Stop Off Details

Pos: 010	Repeat: 999
Optional	
Loop: 0300	Elements: N/A

User Option (Usage): Used

Purpose: To specify stop-off detail reference numbers and stop reason

Loop Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Usage</u>
010	S5	Stop Off Details	O	1		Used
050		Loop 0310	O		2	Must use

S5 Stop Off Details

Pos: 010	Max: 1
Detail - Optional	
Loop: 0300	Elements: 2

User Option (Usage): Used

Purpose: To specify stop-off detail reference numbers and stop reason

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
S501	165	Stop Sequence Number	M	N0	1/3	Must use

Description: Identifying number for the specific stop and the sequence in which the stop is to be performed

S502	163	Stop Reason Code	M	ID	2/2	Must use
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Description: Code specifying the reason for the stop

Code List Summary (Total Codes: 19, Included: 4)

<u>Code</u>	<u>Name</u>
CL	Complete
CU	Complete Unload
PL	Part Load
PU	Part Unload

Syntax Rules:

1. P0304 - If either S503 or S504 is present, then the other is required.
2. P0506 - If either S505 or S506 is present, then the other is required.
3. P0708 - If either S507 or S508 is present, then the other is required.

General Mills Note:

Loop Name

Pos: 050 Repeat: 2
 Optional
 Loop: 0310 Elements: N/A

User Option (Usage): Must use

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

Loop Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Usage</u>
050	N1	Name	O	1		Used
070	N3	Address Information	O	2		Used
080	N4	Geographic Location	O	1		Used
100		Loop 0320	O		10	Used

N1 Name

Pos: 050	Max: 1
Detail - Optional	
Loop: 0310	Elements: 2

User Option (Usage): Used

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

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
N101	98	Entity Identifier Code	M	ID	2/3	Must use

Description: Code identifying an organizational entity, a physical location, property or an individual

Code List Summary (Total Codes: 1312, Included: 4)

<u>Code</u>	<u>Name</u>
CN	Consignee
SF	Ship From
SH	Shipper
ST	Ship To

N102	93	Name	X	AN	1/60	Must use
------	----	-------------	---	----	------	----------

Description: Free-form name

Syntax Rules:

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

General Mills Note:

Name loop (N1-N4) containing address information is required for the related [S5] stop.

N3 Address Information

Pos: 070	Max: 2
Detail - Optional	
Loop: 0310	Elements: 1

User Option (Usage): Used

Purpose: To specify the location of the named party

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
N301	166	Address Information	M	AN	1/55	Must use

Description: Address information

N4 Geographic Location

Pos: 080	Max: 1
Detail - Optional	
Loop: 0310	Elements: 3

User Option (Usage): Used

Purpose: To specify the geographic place of the named party

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
N401	19	City Name	O	AN	2/30	Must use
Description: Free-form text for city name						
N402	156	State or Province Code	O	ID	2/2	Must use
Description: Code (Standard State/Province) as defined by appropriate government agency						
N403	116	Postal Code	O	ID	3/15	Must use
Description: Code defining international postal zone code excluding punctuation and blanks (zip code for United States)						

Syntax Rules:

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

Loop Equipment Details

Pos: 100	Repeat: 10
Optional	
Loop: 0320	Elements: N/A

User Option (Usage): Used

Purpose: To identify the equipment

Loop Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Usage</u>
100	N7	Equipment Details	O	1		Used
110	M7	Seal Numbers	O	2		Used

N7 Equipment Details

Pos: 100	Max: 1
Detail - Optional	
Loop: 0320	Elements: 3

User Option (Usage): Used

Purpose: To identify the equipment

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
N701	206	Equipment Initial	O	AN	1/4	Used
Description: Prefix or alphabetic part of an equipment unit's identifying number						
N702	207	Equipment Number	M	AN	1/10	Must use
Description: Sequencing or serial part of an equipment unit's identifying number (pure numeric form for equipment number is preferred)						
N715	567	Equipment Length	O	N0	4/5	Used
Description: Length (in feet and inches) of equipment ordered or used to transport shipment (The format is FFFII where FFF is feet and II is inches; the range for II is 00 through 11)						

Syntax Rules:

1. P0304 - If either N703 or N704 is present, then the other is required.
2. P0516 - If either N705 or N716 is present, then the other is required.
3. P0809 - If either N708 or N709 is present, then the other is required.

M7 Seal Numbers

Pos: 110	Max: 2
Detail - Optional	
Loop: 0320	Elements: 1

User Option (Usage): Used

Purpose: To record seal numbers used and the organization that applied the seals

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
M701	225	Seal Number	M	AN	2/15	Must use

Description: Unique number on seal used to close a shipment

Loop Assigned Number

Pos: 120	Repeat: 9999
Optional	
Loop: 0400	Elements: N/A

User Option (Usage): Used

Purpose: To reference a line number in a transaction set

Loop Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Usage</u>
120	LX	Assigned Number	O	1		Must use
130	N9	Reference Identification	O	5		Used
170	L0	Line Item - Quantity and Weight	O	10		Must use
180	L1	Rate and Charges	O	10		Must use

LX Assigned Number

Pos: 120	Max: 1
Detail - Optional	
Loop: 0400	Elements: 1

User Option (Usage): Must use

Purpose: To reference a line number in a transaction set

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
LX01	554	Assigned Number	M	N0	1/6	Must use

Description: Number assigned for differentiation within a transaction set

General Mills Note:

*This is NOT an optional loop/segment for General Mills!
All GMI invoices must contain LX loops detailing specific charge information.*

N9 Reference Identification

Pos: 130	Max: 5
Detail - Optional	
Loop: 0400	Elements: 2

User Option (Usage): Used

Purpose: To transmit identifying information as specified by the Reference Identification Qualifier

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
N901	128	Reference Identification Qualifier	M	ID	2/3	Must use

Description: Code qualifying the Reference Identification

General Mills Note:

Send only one CR or DO reference ID qualifier (not both) per charge.

Code List Summary (Total Codes: 1503, Included: 2)

Code Name

- CR Customer Reference Number
- DO Delivery Order Number

N902	127	Reference Identification	X	AN	1/30	Must use
------	-----	--------------------------	---	----	------	----------

Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

Syntax Rules:

1. R0203 - At least one of N902 or N903 is required.
2. C0605 - If N906 is present, then N905 is required.

General Mills Note:

*N9 segment is required for charge codes DTU, DTL, LAY, LYC, LAB. Refer to L108 for code descriptions.
This segment should not be sent with charges other than those listed here.*

L0 Line Item - Quantity and Weight

Pos: 170	Max: 10
Detail - Optional	
Loop: 0400	Elements: 3

User Option (Usage): Must use

Purpose: To specify quantity, weight, volume, and type of service for a line item including applicable "quantity/rate-as" data

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
L001	213	Lading Line Item Number	O	N0	1/3	Used

Description: Sequential line number for a lading item

L002	220	Billed/Rated-as Quantity	X	R	1/11	Must use
------	-----	--------------------------	---	---	------	----------

Description: Basis for rating (miles, value, volume, etc.); Note: Weight may be defined by either data element 220 or 81

General Mills Note:

Must include decimal or be a whole number

Indicate "1" when charge is a flat rate (followed by "FR" in the LO03)

L003	221	Billed/Rated-as Qualifier	X	ID	2/2	Must use
------	-----	---------------------------	---	----	-----	----------

Description: Code identifying the type of quantity or value on which the rate or item pricing is based

Code List Summary (Total Codes: 47, Included: 8)

Code Name

DM Miles

General Mills Note:

Use with charges that are rated per mile:

DMC, EXM

*FUE (Be Aware - this can also be flat rate or percent of revenue - **check your contract**)*

*LINEHAUL (Be Aware - this can also be flat rate or per hundred wt - **check your contract**)*

FR Flat Rate

General Mills Note:

Use with Flat Rate charge codes:

GST, DSC, PDY, DEL, PAE, PSC, RCC, SUR, SEG, SPT, SOC, IHT, LAB, EAX

*FUE (Be Aware - this can also be per mile or percent of revenue - **check your contract**)*

*LINEHAUL (Be Aware - this can also be per mile or per hundred wt - **check your contract**)*

LB Pound

General Mills Note:

Use with charges that are rated per hundred weight:

*LINEHAUL (Be Aware - this can also be flat rate or per mile - **check your contract**)*

MV Monetary Value

General Mills Note:

Use with Charges that are a percent of revenue:

*FUE (Be Aware - this can also be flat rate or per mile - **check your contract**)*

NP Piece

General Mills Note:

Use with charge codes that are rated per pallet:

PEC

NU Unit

Description: A specific measurement in rating shipments

General Mills Note:

Use with charge codes that are rated per minute:

*DTL (Be Aware - this can also be per hour - **check your contract**)*

<u>Code</u>	<u>Name</u>
	<i>DTU (Be Aware - this can also be per hour - check your contract)</i>
TD	Days
	General Mills Note: <i>Use with charge codes that are rated per day: LAY, LYC DTV (Canada only charge)</i>
TH	Hours
	General Mills Note: <i>Use with charge codes that are rated per hour: DTL (Be Aware - this can also be per minute - check your contract) DTU (Be Aware - this can also be per minute - check your contract)</i>

Syntax Rules:

1. P0203 - If either L002 or L003 is present, then the other is required.
2. P0405 - If either L004 or L005 is present, then the other is required.
3. P0607 - If either L006 or L007 is present, then the other is required.
4. P0809 - If either L008 or L009 is present, then the other is required.
5. C1104 - If L011 is present, then L004 is required.
6. P1315 - If either L013 or L015 is present, then the other is required.

L1 Rate and Charges

Pos: 180	Max: 10
Detail - Optional	
Loop: 0400	Elements: 6

User Option (Usage): Must use

Purpose: To specify rate and charges detail relative to a line item including freight charges, advances, special charges, and entitlements

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
L101	213	Lading Line Item Number	O	N0	1/3	Used
		Description: Sequential line number for a lading item				
L102	60	Freight Rate	X	R	1/9	Must use
		Description: Rate that applies to the specific commodity				
		General Mills Note: Must include decimal or be a whole number				
L103	122	Rate/Value Qualifier	X	ID	2/2	Must use
		Description: Code qualifying how to extend charges or interpret value				
		Code List Summary (Total Codes: 163, Included: 8)				
		Code Name				
		CW	Per Hundred Weight			
			Description: Describes a transportation rate that applies to every one hundred pounds of total weight of an individual shipment			
			General Mills Note: Use with charges that are rated per hundred weight: LINEHAUL (Be Aware - this can also be flat rate or per mile - check your contract)			
		FR	Flat Rate			
			General Mills Note: Use with Flat Rate charge codes: GST, DSC, PDY, DEL, PAE, PSC, RCC, SUR, SEG, SPT, SOC, IHT, LAB, EAX FUE (Be Aware - this can also be per mile or percent of revenue - check your contract) LINEHAUL (Be Aware - this can also be per mile or per hundred wt - check your contract)			
		PD	Per Day			
			General Mills Note: Use with charge codes that are rated per day: LAY, LYC DTV (Canada only charge)			
		PM	Per Mile			
			General Mills Note: Use with charges that are rated per mile: DMC, EXM FUE (Be Aware - this can also be flat rate or percent of revenue - check your contract) LINEHAUL (Be Aware - this can also be flat rate or per hundred wt - check your contract)			
		PP	Per Piece			
			General Mills Note: Use with charge codes that are rated per pallet: PEC			
		PR	Per Hour			
			General Mills Note: Use with charge codes that are rated per hour: DTL (Be Aware - this can also be per minute - check your contract)			

Code	Name
	<i>DTU (Be Aware - this can also be per minute - check your contract)</i>
PU	Per Unit
	General Mills Note: <i>Use with charge codes that are rated per minute: DTL (Be Aware - this can also be per hour - check your contract) DTU (Be Aware - this can also be per hour - check your contract)</i>
PW	Percentage of Charges
	General Mills Note: <i>Use with charges that are a percent of revenue: FUE (Be Aware - this can also be flat rate or per mile - check your contract)</i>

L104	58	Charge	X	N2	1/12	Must use
		Description: 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				
		General Mills Note: <i>Decimal is implied/assumed</i>				

L108	150	Special Charge or Allowance Code	O	ID	3/3	Used
		Description: Code identifying type of special charge or allowance				
		General Mills Note: <i>Linehaul is represented by an empty L108 element. Linehaul can be Flat Rate or rated Per Mile - Check your contract! If Per Mile, Number of Miles (L002) and Rate per Mile (L102) are required. All other charges must be represented by one of the codes listed below.</i>				

Code List Summary (Total Codes: 1073, Included: 62)

Code	Name
350	Expedited Shipments
	General Mills Note: <i>*Requires Ops approval*</i>
AAJ	Adjustments
BOB	Bobtail Charges
CHE	Chassis Equipment Lease Charge
CLD	Container Loss/Damage
COL	Fee for Collecting COD Charge
CRA	Cost recovery/adjustment
CTC	Container Service Charge USA/Canada
DAA	Deficit Freight
DCE	Damage to Carrier Equipment
DEL	Delivery Charge
	General Mills Note: <i>Flat Rate Charge. Do not use this charge code unless specifically instructed to do so by a GMI Freight Auditor. This charge will require additional documentation.</i>
DEP	Detention of Power Units
DEW	Detention Without Power Unit
	Description: <i>Motor charge when carrier's vehicle without power unit is held beyond the allowable free time for loading/unloading</i>
DIV	Diversion and Reconsignment
DLH	Drayage/Line Haul
DMC	Deadhead Mileage Charge
	General Mills Note:

Code	Name
	<p><i>Per Mile Charge.</i> <i>Number of Miles (LO02) and Rate per Mile (L102) are required.</i> <i>Do not use this charge code unless specifically instructed to do so by a GMI Freight Auditor.</i> <i>This charge will require additional documentation.</i></p>
DSC	<p>Discount</p> <p>General Mills Note: <i>Flat Rate Charge.</i></p>
DTL	<p>Detention Loading</p> <p>General Mills Note: <i>Detention at Loading, can be rated Per Minute or Per Hour - Check your contract!</i> <i>If Per Minute, Number of Minutes (LO02) and Rate per Minute (L102) are required.</i> <i>If Per Hour, Number of Hours (LO02) and Rate per Hour (L102) are required.</i> N9 segment also required when billing this charge!</p>
DTU	<p>Detention Unloading</p> <p>General Mills Note: <i>Detention at Unloading, can be rated Per Minute or Per Hour - Check your contract!</i> <i>If per Minute, Number of Minutes (LO02) and Rate per Minute (L102) are required.</i> <i>If per Hour, Number of Hours (LO02) and Rate per Hour (L102) are required.</i> N9 segment also required when billing this charge!</p>
DTV	<p>Detention (Vehicle)</p> <p>Description: <i>Rail charge when rail-owned/leased trailers/containers on flatcar service are detained for loading/unloading</i></p> <p>General Mills Note: <i>Per Day Charge.</i> <i>Number of Days (LO02) and Rate per Day (L102) are required.</i> DTV is allowed for Canadian Shipments only. Do not use for US shipments! <i>Vehicle Detention associated with US shipments must be billed manually.</i></p>
EAX	<p>Extra Axles</p> <p>Description: <i>The additional service charge or order for a transportation carrier to install and rent an axle with wheels, tires, and brakes required for the transportation of a mobile home</i></p> <p>General Mills Note: <i>Flat Rate Charge.</i> EAX is allowed for Canadian Shipments only. Do not use for US shipments! <i>Extra Axles associated with US shipments must be billed manually.</i></p>
ENS	<p>Energy Surcharge (Fuel Adjustment Factor)</p>
EXM	<p>Excess Mileage Charge</p> <p>General Mills Note: <i>Per Mile Charge.</i> <i>Number of Miles (LO02) and Rate per Mile (L102) are required.</i> <i>Do not use this charge code unless specifically instructed to do so by a GMI Freight Auditor.</i> <i>This charge will require additional documentation.</i></p>
EXP	<p>Expedited Service Charge</p>
EXW	<p>Excess Weight</p> <p>Description: <i>A special charge incurred by shipments that exceed the weight agreed to</i></p>
FAH	<p>Freight Surcharge</p> <p>General Mills Note: <i>E Auction Adjustment</i></p>
FFS	<p>Return_Fuel</p> <p>General Mills Note: <i>This code is put in place for Bulk Carriers to use as price of diesel has rocketed past what can be covered in bid rate for round trip.</i></p>

Code	Name
FUE	Fuel Charge
	General Mills Note: <i>Can be Flat Rate, Per Mile, or Percent of Revenue - Check your Contract! If Per Mile, Number of Miles (LO02) and Rate per Mile (L102) are required. If Percent of Revenue, Monetary Value (LO02) and Percentage (L102) are required.</i>
GST	Goods and Services Tax Charge
	General Mills Note: <i>Flat Rate Charge.</i>
HAZ	Hazardous Cargo Charge
HOL	Sunday or Holiday Pick-up or Delivery
IDL	Inside Delivery
IHT	Interstate/Highway Toll
	General Mills Note: <i>Flat Rate Charge.</i>
IPU	Inside Pick-up
LAB	Extra Labor (Helper Service)
	General Mills Note: <i>Flat Rate Charge. N9 segment is also required when billing this charge!</i>
LAY	Layover Charges
	General Mills Note: <i>Layover at Destination, Per Day Charge. Number of Days (LO02) and Rate per Day (L102) are required. N9 segment is also required when billing this charge!</i>
LFT	Lift Gate (Truck) or Forklift Service at Pick-up/Delivery
LYC	Layover Service Charge
	General Mills Note: <i>Layover at Origin, Per Day Charge. Number of Days (LO02) and Rate per Day (L102) are required. N9 segment is also required when billing this charge!</i>
MIC	Minimum Charge
MSG	Miscellaneous Charge
PAE	Premium Transportation
	General Mills Note: <i>Flat Rate Charge. Do not use this charge code unless specifically instructed to do so by a GMI Freight Auditor. This charge code will require additional documentation.</i>
PDY	Pickup and Delivery Beyond Service Area Charge
	General Mills Note: <i>Flat Rate Charge.</i>
PEC	Pallet Exchange Charge
	General Mills Note: <i>Per Pallet Charge. Number of Pallets (LO02) and Rate per Pallet (L102) are required.</i>
PLT	Pallets/Skids/Platforms
	Description: <i>Provides for the exclusion of pallet weight from shipment weight not to exceed a stated percentage of total shipment weight</i>
PPN	Pallet Charge
PSC	Protective Service - Cold
	General Mills Note: <i>Flat Rate Charge.</i>

Code	Name
PSH	Protective Service - Heat
RCC	Reconsignment Charge
	General Mills Note: <i>Flat Rate Charge.</i>
RCL	Redelivery
RLS	Relocation of Vehicle
	Description: <i>Motor charge when carrier is requested to move a vehicle from one platform doorway or shipping room to another</i>
SBC	Standby Charge
SEG	Segregating (Sorting)
	General Mills Note: <i>Flat Rate Charge.</i>
SER	Service Charge
SOC	Stop-off Charge
	General Mills Note: <i>Flat Rate Charge.</i>
SPT	Spotting of Trailer
	General Mills Note: <i>Flat Rate Charge.</i>
SRG	Storage
SUR	Surcharge
	General Mills Note: <i>Flat Rate Trailer Fuel Surcharge.</i>
SWC	Switching Charge
TCM	Spot Bid Rate
	General Mills Note: <i>Flat Rate Charge.</i> <i>ONLY to be used with "BRDCSTQUOT" tendered in the L1101 of EDI 204 tender</i> <i>ONLY accepted on original invoice and not accepted on subsequent.</i> <i>This is replacing all planned charges when used. (i.e. Linehaul, fuel, etc)</i>
VOR	Vehicle Ordered but Not Used
	General Mills Note: <i>TONU</i>
WRC	Load Weighing Charge
WTV	Reweigh and/or Class Change Charge

L112 276 **Special Charge Description** O AN 2/25 Must use

Description: Identification of special charge; this data element is used whenever an applicable code cannot be found in data element 150

General Mills Note:
This is NOT an optional element for General Mills!
Free form description of the billed charge.

Syntax Rules:

1. P0203 - If either L102 or L103 is present, then the other is required.
2. R040506 - At least one of L104, L105 or L106 is required.
3. P1415 - If either L114 or L115 is present, then the other is required.
4. P1718 - If either L117 or L118 is present, then the other is required.

L3 Total Weight and Charges

Pos: 010	Max: 1
Summary - Optional	
Loop: N/A	Elements: 3

User Option (Usage): Used

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

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
L301	81	Weight	X	R	1/10	Used
Description: Numeric value of weight						
General Mills Note:						
<i>Total weight of shipment</i>						
L302	187	Weight Qualifier	X	ID	1/2	Used
Description: Code defining the type of weight						
Code List Summary (Total Codes: 51, Included: 1)						
Code Name						
G Gross Weight						
L311	80	Lading Quantity	O	NO	1/7	Used
Description: Number of units (pieces) of the lading commodity						

Syntax Rules:

1. P0102 - If either L301 or L302 is present, then the other is required.
2. P0304 - If either L303 or L304 is present, then the other is required.
3. P0910 - If either L309 or L310 is present, then the other is required.
4. C1201 - If L312 is present, then L301 is required.
5. P1415 - If either L314 or L315 is present, then the other is required.

SE Transaction Set Trailer

Pos: 020	Max: 1
Summary - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

Purpose: 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:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
SE01	96	Number of Included Segments	M	NO	1/10	Must use

Description: Total number of segments included in a transaction set including ST and SE segments

SE02	329	Transaction Set Control Number	M	AN	4/9	Must use
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Description: Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set

GE Functional Group Trailer

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

User Option (Usage): Must use

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

Element Summary:

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

IEA Interchange Control Trailer

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

User Option (Usage): Must use

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

Element Summary:

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