

# **210 Motor Carrier Freight Details and Invoice**

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

**Company:**

**General Mills**

**Modified:**

**2/5/2015**

**Notes:**

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

# 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

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

<b>LOOP ID - 0200</b>					<b>10</b>		
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>
<b>LOOP ID - 0300</b>					<b>999</b>	<b>N2/010L</b>	
010	S5	Stop Off Details	O	1		N2/010	Used

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

<b>LOOP ID - 0400</b>					<b>9999</b>		
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

# ISA Interchange Control Header

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

**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	<b>Authorization Information Qualifier</b>	M	ID	2/2	Must use
<b>Description:</b> Code to identify the type of information in the Authorization Information						
<b>All valid standard codes are used.</b>						
ISA02	I02	<b>Authorization Information</b>	M	AN	10/10	Must use
<b>Description:</b> 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)						
ISA03	I03	<b>Security Information Qualifier</b>	M	ID	2/2	Must use
<b>Description:</b> Code to identify the type of information in the Security Information						
<b>All valid standard codes are used.</b>						
ISA04	I04	<b>Security Information</b>	M	AN	10/10	Must use
<b>Description:</b> 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)						
ISA05	I05	<b>Interchange ID Qualifier</b>	M	ID	2/2	Must use
<b>Description:</b> Qualifier to designate the system/method of code structure used to designate the sender or receiver ID element being qualified						
<b>All valid standard codes are used.</b>						
ISA06	I06	<b>Interchange Sender ID</b>	M	AN	15/15	Must use
<b>Description:</b> 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						
ISA07	I05	<b>Interchange ID Qualifier</b>	M	ID	2/2	Must use
<b>Description:</b> Qualifier to designate the system/method of code structure used to designate the sender or receiver ID element being qualified						
<b>Code Name</b>						
08 UCC EDI Communications ID (Comm ID)						
ISA08	I07	<b>Interchange Receiver ID</b>	M	AN	15/15	Must use
<b>Description:</b> Identification code published by the receiver of the data; When sending, it is used by the sender as their sending ID, thus other parties sending to them will use this as a receiving ID to route data to them						
<b>General Mills User Note:</b>						
<i>General Mills ID = 9251190000</i>						
ISA09	I08	<b>Interchange Date</b>	M	DT	6/6	Must use
<b>Description:</b> Date of the interchange						
ISA10	I09	<b>Interchange Time</b>	M	TM	4/4	Must use
<b>Description:</b> Time of the interchange						
ISA11	I10	<b>Interchange Control Standards Identifier</b>	M	ID	1/1	Must use

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

# GS Functional Group Header

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

**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	<b>Functional Identifier Code</b>	M	ID	2/2	Must use

**Description:** Code identifying a group of application related transaction sets

**Code Name**

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

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

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

**General Mills User Note:**

General Mills ID = 6125404455

GS04	373	<b>Date</b>	M	DT	8/8	Must use
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**Description:** Date expressed as CCYYMMDD

GS05	337	<b>Time</b>	M	TM	4/8	Must use
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**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	<b>Group Control Number</b>	M	NO	1/9	Must use
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**Description:** Assigned number originated and maintained by the sender

GS07	455	<b>Responsible Agency Code</b>	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 Name**

X Accredited Standards Committee X12

GS08	480	<b>Version / Release / Industry Identifier Code</b>	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 Name**

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

# ST Transaction Set Header

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

**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	<b>Transaction Set Identifier Code</b>	M	ID	3/3	Must use

**Description:** Code uniquely identifying a Transaction Set

**Code Name**

210 Motor Carrier Freight Details and Invoice

ST02	329	<b>Transaction Set Control Number</b>	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

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

**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 User 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 User 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 Name**

CC Collect

**General Mills User Note:**

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

PP Prepaid (by Seller)

**General Mills User 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 User Note:**

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

**Code Name**

K Kilograms

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

**General Mills User 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 User 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>
		<p><b>Description:</b> Code used to indicate that the transaction set contains information which corrects previous information</p> <p><b>General Mills User Note:</b></p> <p><i>A code must be sent here to identify this as a <b>Subsequent</b>[to the original] <b>Invoice</b>. GMI system reads this element as either <u>empty (Original)</u> or <u>populated (Subsequent)</u>. One - AND ONLY ONE - Original Invoice is processed per GMI shipment number. Subsequent Invoices are processed only after an Original has posted successfully.</i></p> <p><b>All valid standard codes are used.</b></p>				
B311	140	<b>Standard Carrier Alpha Code</b>	M	ID	2/4	Must use
		<p><b>Description:</b> Standard Carrier Alpha Code</p> <p><b>General Mills User Note:</b></p> <p><i>SCAC of carrier to receive payment (letters must be upper case)</i></p>				

**Syntax Rules:**

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

# C3 Currency

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

**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 User Note:

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

# N9 Reference Identification

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

**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	<b>Reference Identification Qualifier</b>	M	ID	2/3	Must use
<b>Description:</b> Code qualifying the Reference Identification						
<b>Code Name</b>						
CR Customer Reference Number						
DO Delivery Order Number						
N902	127	<b>Reference Identification</b>	X	AN	1/30	Must use
<b>Description:</b> 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 User 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

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

**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	<b>Date Qualifier</b>	X	ID	2/2	Must use
		<b>Description:</b> Code specifying type of date				
		<b>Code Name</b>				
		11 Shipped on This Date				
G6202	373	<b>Date</b>	X	DT	8/8	Must use

**Description:** Date expressed as CCYYMMDD

**General Mills User 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 User 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.*

# N1 Name

<b>Pos: 110</b>	<b>Max: 1</b>
<b>Heading - Optional</b>	
<b>Loop: 0100</b>	<b>Elements: 2</b>

**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	<b>Entity Identifier Code</b>	M	ID	2/3	Must use

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

**Code Name**

- CN Consignee
- SF Ship From
- SH Shipper
- ST Ship To

N102	93	<b>Name</b>	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 User 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

<b>Pos: 130</b>	<b>Max: 2</b>
<b>Heading - Optional</b>	
<b>Loop: 0100</b>	<b>Elements: 1</b>

**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	<b>Address Information</b>	M	AN	1/55	Must use

**Description:** Address information

# N4 Geographic Location

<b>Pos: 140</b>	<b>Max: 1</b>
<b>Heading - Optional</b>	
<b>Loop: 0100</b>	<b>Elements: 3</b>

**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	<b>City Name</b>	O	AN	2/30	Must use
<b>Description:</b> Free-form text for city name						
N402	156	<b>State or Province Code</b>	O	ID	2/2	Must use
<b>Description:</b> Code (Standard State/Province) as defined by appropriate government agency						
N403	116	<b>Postal Code</b>	O	ID	3/15	Must use
<b>Description:</b> 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.

# N7 Equipment Details

<b>Pos: 160</b>	<b>Max: 1</b>
<b>Heading - Optional</b>	
<b>Loop: 0200</b>	<b>Elements: 3</b>

**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 User 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 User 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 User 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

<b>Pos: 170</b>	<b>Max: 2</b>
<b>Heading - Optional</b>	
<b>Loop: 0200</b>	<b>Elements: 2</b>

**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	<b>Seal Number</b>	M	AN	2/15	Used
		<b>Description:</b> Unique number on seal used to close a shipment				
M702	225	<b>Seal Number</b>	O	AN	2/15	Used
		<b>Description:</b> Unique number on seal used to close a shipment				

# S5 Stop Off Details

<b>Pos: 010</b>	<b>Max: 1</b>
<b>Detail - Optional</b>	
<b>Loop: 0300</b>	<b>Elements: 2</b>

**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	<b>Stop Sequence Number</b>	M	N0	1/3	Must use
<b>Description:</b> Identifying number for the specific stop and the sequence in which the stop is to be performed						
S502	163	<b>Stop Reason Code</b>	M	ID	2/2	Must use
<b>Description:</b> Code specifying the reason for the stop						
<b>Code Name</b>						
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 User Note:

S5 loop is required for each stop of multi-stop shipment, including Origin (PL & CL) and Destination (PU & CU).  
 Additional unscheduled stops should also be represented by an S5 loop.  
 S5 loops for single pick-up, single drop shipments are allowed but are NOT required.

# N1 Name

<b>Pos: 050</b>	<b>Max: 1</b>
<b>Detail - Optional</b>	
<b>Loop: 0310</b>	<b>Elements: 2</b>

**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	<b>Entity Identifier Code</b>	M	ID	2/3	Must use

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

**Code Name**

- CN Consignee
- SF Ship From
- SH Shipper
- ST Ship To

N102	93	<b>Name</b>	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 User Note:

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

# N3 Address Information

<b>Pos: 070</b>	<b>Max: 2</b>
<b>Detail - Optional</b>	
<b>Loop: 0310</b>	<b>Elements: 1</b>

**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	<b>Address Information</b>	M	AN	1/55	Must use

**Description:** Address information

# N4 Geographic Location

<b>Pos: 080</b>	<b>Max: 1</b>
<b>Detail - Optional</b>	
<b>Loop: 0310</b>	<b>Elements: 3</b>

**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	<b>City Name</b>	O	AN	2/30	Must use
<b>Description:</b> Free-form text for city name						
N402	156	<b>State or Province Code</b>	O	ID	2/2	Must use
<b>Description:</b> Code (Standard State/Province) as defined by appropriate government agency						
N403	116	<b>Postal Code</b>	O	ID	3/15	Must use
<b>Description:</b> 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.

# LX Assigned Number

<b>Pos: 120</b>	<b>Max: 1</b>
<b>Detail - Optional</b>	
<b>Loop: 0400</b>	<b>Elements: 1</b>

**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 User 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

<b>Pos: 130</b>	<b>Max: 5</b>
<b>Detail - Optional</b>	
<b>Loop: 0400</b>	<b>Elements: 2</b>

**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 User Note:**

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

**Code Name**

CR Customer Reference Number  
 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 User 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

<b>Pos: 170</b>	<b>Max: 10</b>
<b>Detail - Optional</b>	
<b>Loop: 0400</b>	<b>Elements: 3</b>

**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:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
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
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**Description:** Basis for rating (miles, value, volume, etc.); Note: Weight may be defined by either data element 220 or 81

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

**Code Name**

DM Miles

**General Mills User 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 User 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 User 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 User 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 User Note:**

*Use with charge codes that are rated per pallet:*

*PEC*

NU Unit

**General Mills User Note:**

*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**)*



**Code Name**

TD Days

**General Mills User Note:***Use with charge codes that are rated per day:**LAY, LYC**DTV (Canada only charge)*

TH Hours

**General Mills User Note:***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**)***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

<b>Pos: 180</b>	<b>Max: 10</b>
<b>Detail - Optional</b>	
<b>Loop: 0400</b>	<b>Elements: 6</b>

**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:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
L101	213	<b>Lading Line Item Number</b>	O	NO	1/3	Used
		<b>Description:</b> Sequential line number for a lading item				
L102	60	<b>Freight Rate</b>	X	R	1/9	Must use
		<b>Description:</b> Rate that applies to the specific commodity				
		<b>General Mills User Note:</b> <i>Must include decimal or be a whole number</i>				
L103	122	<b>Rate/Value Qualifier</b>	X	ID	2/2	Must use

**Description:** Code qualifying how to extend charges or interpret value

**Code Name**

CW Per Hundred Weight

**General Mills User 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 User 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 User Note:**

*Use with charge codes that are rated per day:*

*LAY, LYC*

*DTV (Canada only charge)*

PM Per Mile

**General Mills User 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 User Note:**

*Use with charge codes that are rated per pallet:*

*PEC*

PR Per Hour

**General Mills User Note:**

*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**)*

**Code Name**

PU Per Unit

**General Mills User Note:**

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**)

PW Percentage of Charges

**General Mills User 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**)

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 User Note:**

Decimal is implied/assumed

L108 150 **Special Charge or Allowance Code** O ID 3/3 Used

**Description:** Code identifying type of special charge or allowance

**General Mills User Note:**

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 (LO02) and Rate per Mile (L102) are required.  
 All other charges must be represented by one of the codes listed below.

**Code Name**

DEL Delivery Charge

**General Mills User Note:**

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.

DMC Deadhead Mileage Charge

**General Mills User Note:**

Per Mile Charge.  
 Number of Miles (LO02) and Rate per Mile (L102) are required.  
 Do not use this charge code unless specifically instructed to do so by a GMI Freight Auditor.  
 This charge will require additional documentation.

DSC Discount

**General Mills User Note:**

Flat Rate Charge.

DTL Detention Loading

**General Mills User Note:**

Detention at Loading, can be rated Per Minute or Per Hour - Check your contract!  
 If Per Minute, Number of Minutes (LO02) and Rate per Minute (L102) are required.  
 If Per Hour, Number of Hours (LO02) and Rate per Hour (L102) are required.  
**N9 segment also required when billing this charge!**

DTU Detention Unloading

**General Mills User Note:**

Detention at Unloading, can be rated Per Minute or Per Hour - Check your contract!  
 If per Minute, Number of Minutes (LO02) and Rate per Minute (L102) are required.  
 If per Hour, Number of Hours (LO02) and Rate per Hour (L102) are required.  
**N9 segment also required when billing this charge!**

**Code Name**

DTV Detention (Vehicle)

**General Mills User Note:***Per Day Charge.**Number of Days (LO02) and Rate per Day (L102) are required.****DTV is allowed for Canadian Shipments only. Do not use for US shipments!****Vehicle Detention associated with US shipments must be billed manually.*

EAX Extra Axles

**General Mills User Note:***Flat Rate Charge.****EAX is allowed for Canadian Shipments only. Do not use for US shipments!****Extra Axles associated with US shipments must be billed manually.*

EXM Excess Mileage Charge

**General Mills User Note:***Per Mile Charge.**Number of Miles (LO02) and Rate per Mile (L102) are required.**Do not use this charge code unless specifically instructed to do so by a GMI Freight Auditor.**This charge will require additional documentation.*

FUE Fuel Charge

**General Mills User Note:***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.*

GST Goods and Services Tax Charge

**General Mills User Note:***Flat Rate Charge.*

IHT Interstate/Highway Toll

**General Mills User Note:***Flat Rate Charge.*

LAB Extra Labor (Helper Service)

**General Mills User Note:***Flat Rate Charge.****N9 segment is also required when billing this charge!***

LAY Layover Charges

**General Mills User Note:***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!***

LYC Layover Service Charge

**General Mills User Note:***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!***

PAE Premium Transportation

**General Mills User Note:***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.*

PDY Pickup and Delivery Beyond Service Area Charge

**General Mills User Note:***Flat Rate Charge.*

**Code Name**

PEC Pallet Exchange Charge

**General Mills User Note:**

*Per Pallet Charge.*

*Number of Pallets (LO02) and Rate per Pallet (L102) are required.*

PSC Protective Service - Cold

**General Mills User Note:**

*Flat Rate Charge.*

RCC Reconsignment Charge

**General Mills User Note:**

*Flat Rate Charge.*

SEG Segregating (Sorting)

**General Mills User Note:**

*Flat Rate Charge.*

SOC Stop-off Charge

**General Mills User Note:**

*Flat Rate Charge.*

SPT Spotting of Trailer

**General Mills User Note:**

*Flat Rate Charge.*

SUR Surcharge

**General Mills User Note:**

*Flat Rate Trailer Fuel Surcharge.*

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 User 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

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

**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	<b>Weight</b>	X	R	1/10	Used
<b>Description:</b> Numeric value of weight						
<b>General Mills User Note:</b>						
<i>Total weight of shipment</i>						
L302	187	<b>Weight Qualifier</b>	X	ID	1/2	Used
<b>Description:</b> Code defining the type of weight						
<b>Code Name</b>						
G Gross Weight						
L311	80	<b>Lading Quantity</b>	O	NO	1/7	Used
<b>Description:</b> 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

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

**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	<b>Number of Included Segments</b>	M	NO	1/10	Must use
<b>Description:</b> Total number of segments included in a transaction set including ST and SE segments						
SE02	329	<b>Transaction Set Control Number</b>	M	AN	4/9	Must use
<b>Description:</b> 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

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

**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	<b>Number of Transaction Sets Included</b>	M	N0	1/6	Must use
<b>Description:</b> Total number of transaction sets included in the functional group or interchange (transmission) group terminated by the trailer containing this data element						
GE02	28	<b>Group Control Number</b>	M	N0	1/9	Must use
<b>Description:</b> Assigned number originated and maintained by the sender						



# IEA Interchange Control Trailer

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

**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	<b>Number of Included Functional Groups</b>	M	N0	1/5	Must use
<b>Description:</b> A count of the number of functional groups included in an interchange						
IEA02	I12	<b>Interchange Control Number</b>	M	N0	9/9	Must use
<b>Description:</b> A control number assigned by the interchange sender						