

## Table of Contents

Kraft Heinz EDI Contacts .....	3
Carrier Profile Form.....	4
Benefits of EDI and VAN Information.....	5
Benefits of Electronic Data Interchange (EDI).....	5
Benefits of doing EDI through a Value Added Network versus Direct: .....	5
EDI Flow Chart.....	6
ICS Interchange Control Structures .....	7
Introduction.....	7
Notes .....	7
ISA Interchange Control Header .....	8
Position 010 .....	8-9
Position 030 .....	10-11
Position 040 .....	12
Position 050 .....	13
EDI Document Definitions .....	14
Shipment Information/Load Tender (Transaction Set 204).....	14
Accept/Reject Load Tender (Transaction Set 990).....	14
Shipment Status (Transaction Set 214).....	14
204 Motor Carrier Load Tender.....	15
Introduction.....	15
Heading .....	15
Detail.....	16-17
Summary .....	17
Transaction Set Notes .....	17-18
Transaction Sets .....	19-48
204 Business Example .....	49
990 Response to a Load Tender.....	50
Introduction.....	50
Transaction Sets .....	51-55
990 Business Example .....	56

214 Transportation Carrier Shipment Status Message.....	57
Introduction.....	57-58
Transaction Set Notes .....	58
Transaction Sets .....	59-69
214 Business Example .....	70
997 Functional Acknowledgment .....	71
Introduction.....	71
Transaction Set Notes .....	72-72
Transaction Set Comments .....	72
Transaction Sets .....	73-81
997 Business Example .....	182
EDI Parallel Testing.....	83
EDI Policy.....	83-84
Parallel Testing .....	84
Appendix: EDI Information.....	85
Segments and Elements in EDI Data .....	85
What is Electronic Data Interchange (EDI)? .....	86

## **Kraft Heinz Company EDI Contacts**

Sean Oribello, email: [Sean.Oribello@kraftheinzcompany.com]  
Phone: 846.646-4374

### **B2B Group**

[DLB2BSupport@kraftheinzcompany.com](mailto:DLB2BSupport@kraftheinzcompany.com)

### **EDI Hotline Desk**

IBM

- 866-269-1113
- 303-354-2981
- managedSaaS\_support@us.ibm.com |

## Carrier Profile Form

Please complete the following forms and e-mail them to Sean Oribello  
(Sean.Oribello@kraftheinzcompany.com).



PER%20Carrier%20T  
ransportation.docx



Kraft%20Heinz%20M  
AS2%20Questionnaire

**\*Note:** Kraft Heinz only accepts direct AS2/Drummond Certified Software or through a VAN.

## **Benefits of EDI and VAN Information**

### ***Benefits of Electronic Data Interchange (EDI):***

- Eliminate paperwork and associated costs
- Minimize errors
- Improve inventory management
- Provide better customer service
- Facilitate supply chain management

### ***Benefits of doing EDI through a Value Added Network versus Direct:***

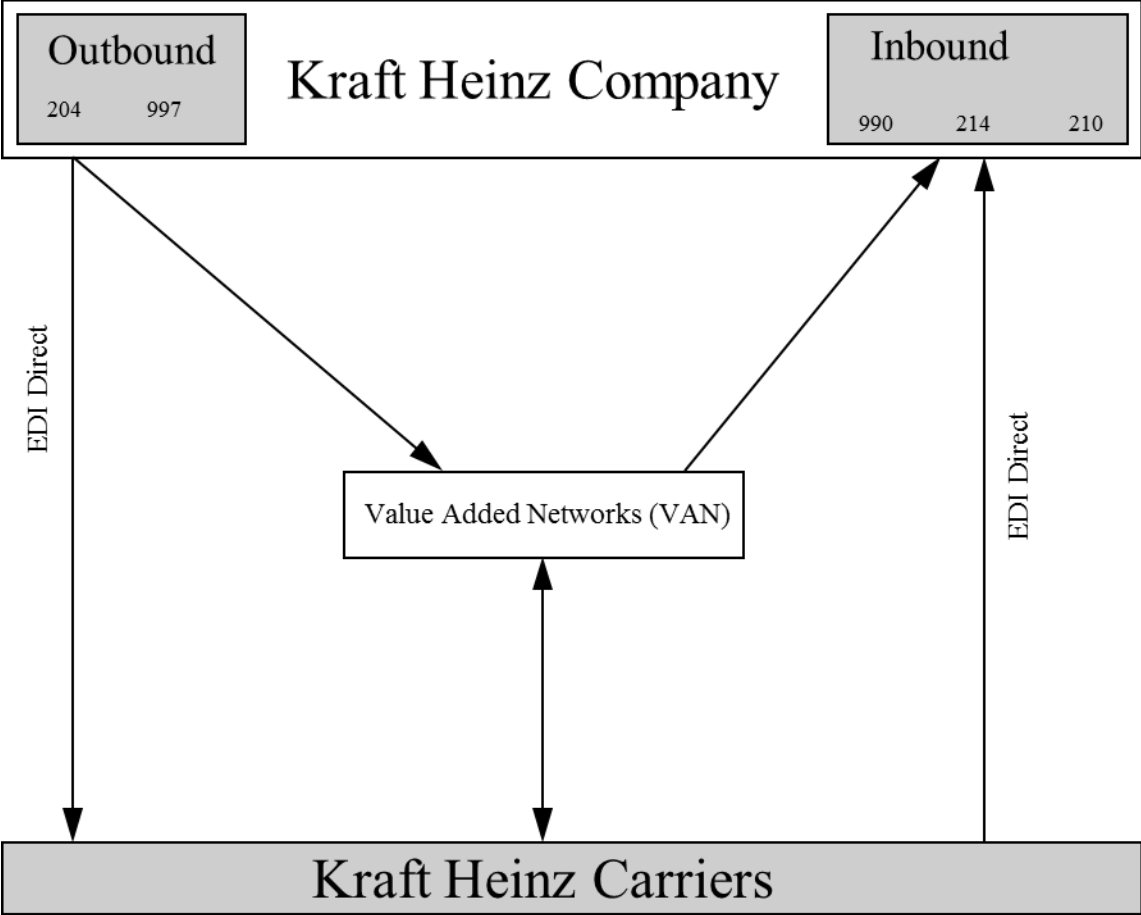
#### **Value Added Network (VAN)**

- Full-service electronic mailboxing
- Automatic mailslotting by document type(s): transaction set, trading partner, EDI standard and version, or any combination of these
- X.400 capability Immediate and scheduled delivery
- Numerous document processing options
- Network control reports and audit capability
- Translation and conversion services Internet access
- Interconnects with other messaging networks

#### **Direct EDI**

- Control number of pickup and transmit times
- Less costly (no per kilo character or flat mailbox fee)
- No third party middle person involved in control over receiving/sending of EDI documents

EDI with Kraft Heinz Company



## ICS Interchange Control Structures

### **Introduction:**

The purpose of this standard is to define the control structures for the electronic interchange of one or more encoded business transactions including the EDI (Electronic Data Interchange) encoded transactions of Accredited Standards Committee X12. This standard provides the interchange envelope of a header and trailer for the electronic interchange through a data transmission, and it provides a structure to acknowledge the receipt and processing of this envelope.

### **Notes:**

This standard specifies the control segments to be utilized when a trading partner sends an 'ISA' header.

The following standard was modified specifically for Kraft Heinz Company.

>> This symbolizes a mandatory element. Mandatory elements are also marked with 'M' under the Attributes or Requirement Designator.

Pos. No.	Seg. ID	Name	Req Des	Max.Use	Loop Repeat	Notes and Comments
010	ISA	Interchange Control Header	M		1	
030	GS	Functional Group Header	M		1	
040	GE	Functional Group Trailer	M		1	
050	IEA	Interchange Control Trailer	M		1	

**NOTE:** Please note that the DATE field on the ISA is a mandatory length of 6, but all other date fields are a mandatory length of 8.

## EDI with Kraft Heinz Company

**Segment:** ISA Interchange Control Header  
**Position:** 010  
**Loop:**  
**Level:**  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** To start and identify an interchange of zero or more functional groups and interchange-related control segments

**Syntax Notes:**

**Comments:**

### Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
<u>Des.</u>	<u>Element</u>		
ISA01	I01	<b>Authorization Information Qualifier</b> Code to identify the type of information in the Authorization Information 00 No Authorization Information Present (No Meaningful Information in I02)	<b>M ID 2/2</b>
ISA02	I02	<b>Authorization Information</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) Should be left blank.	<b>M AN 10/10</b>
ISA03	I03	<b>Security Information Qualifier</b> Code to identify the type of information in the Security Information 00 No Security Information Present (No Meaningful Information in I04)	<b>M ID 2/2</b>
ISA04	I04	<b>Security Information</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) Should be left blank.	<b>M AN 10/10</b>
ISA05	I05	<b>Interchange ID Qualifier</b> Qualifier to designate the system/method of code structure used to designate the sender or receiver ID element being qualified Refer to 004010 Data Element Dictionary for acceptable code values.	<b>M ID 2/2</b>
ISA06	I06	<b>Interchange Sender ID</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	<b>M AN 15/15</b>



## EDI with Kraft Heinz Company

<b>ISA07</b>	<b>I05</b>	<b>Interchange ID Qualifier</b> Qualifier to designate the system/method of code structure used to designate the sender or receiver ID element being qualified <b>Kraft Heinz Identifier:</b> Test: ZZ Production: 01	<b>M ID 2/2</b>
<b>ISA08</b>	<b>I07</b>	<b>Interchange Receiver ID</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  Test: KFNATEST Production: 001339035CICS (204, 990, 214 and 210)	<b>M AN 15/15</b>
<b>ISA09</b>	<b>I08</b>	<b>Interchange Date</b> Date of the interchange	<b>M DT 6/6</b>
<b>ISA10</b>	<b>I09</b>	<b>Interchange Time</b> Time of the interchange	<b>M TM 4/4</b>
<b>ISA11</b>	<b>I10</b>	<b>Interchange Control Standards Identifier</b> Code to identify the agency responsible for the control standard used by the message that is enclosed by the interchange header and trailer Refer to 004010 Data Element Dictionary for acceptable code values.	<b>M ID 1/1</b>
<b>ISA12</b>	<b>I11</b>	<b>Interchange Control Version Number</b> This version number covers the interchange control segments 00401 ASC X12 Standards version 4010	<b>M ID 5/5</b>
<b>ISA13</b>	<b>I12</b>	<b>Interchange Control Number</b> A control number assigned by the interchange sender	<b>M N0 9/9</b>
<b>ISA14</b>	<b>I13</b>	<b>Acknowledgment Requested</b> Code sent by the sender to request an interchange acknowledgment (TA1) Please use a '1' to receive a 997 acknowledge document. Refer to 004010 Data Element Dictionary for acceptable code values.	<b>M ID 1/1</b>
<b>ISA15</b>	<b>I14</b>	<b>Test Indicator</b> Code to indicate whether data enclosed by this interchange envelope is test or production. Use a 'T' for Test or a 'P' for Production. Refer to 004010 Data Element Dictionary for acceptable code values.	<b>M ID 1/1</b>
<b>ISA16</b>	<b>I15</b>	<b>Component Element Separator</b> This field provides the delimiter used to separate component data elements within a composite data structure; this value must be different than the data element separator and the segment terminator	<b>M AN 1/1</b>

## EDI with Kraft Heinz Company

**Segment:** GS Functional Group Header  
**Position:** 030  
**Loop:**  
**Level:**  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** To indicate the beginning of a functional group and to provide control information

**Syntax Notes:**

**Comments:**

### Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
<u>Des.</u>	<u>Element</u>		
<b>GS01</b>	<b>479</b>	<b>Functional Identifier Code</b>	<b>M ID 2/2</b>
		Code identifying a group of application related transaction sets	
		IM Motor Carrier Freight Details and Invoice(210)	
		GF Response to a Load Tender(990)	
		QM Carrier Shipment Status Message(214)	
		SM Motor Carrier Load Tender(204)	
		FA Functional Acknowledgement(997)	
<b>GS02</b>	<b>142</b>	<b>Application Sender's Code</b>	<b>M AN 2/15</b>
		Code identifying party sending transmission; codes agreed to by trading partners	
<b>GS03</b>	<b>124</b>	<b>Application Receiver's Code</b>	<b>M AN 2/15</b>
		Code identifying party receiving transmission. Codes agreed to by trading partners	
		7086462438	
<b>GS04</b>	<b>373</b>	<b>Date</b>	<b>M DT 8/8</b>
		Date (CCYYMMDD) use Y2K date	
<b>GS05</b>	<b>337</b>	<b>Time</b>	<b>M TM 4/8</b>
		Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)	
<b>GS06</b>	<b>28</b>	<b>Group Control Number</b>	<b>M N0 1/9</b>
		Assigned number originated and maintained by the sender	
<b>GS07</b>	<b>455</b>	<b>Responsible Agency Code</b>	<b>M ID 1/2</b>
		Code used in conjunction with Data Element 480 to identify the issuer of the standard	
		T Transportation Data Coordinating Committee (TDCC)	
		X Accredited Standards Committee X12	

## EDI with Kraft Heinz Company

<b>GS08</b>	<b>480</b>	<b>Version / Release / Industry Identifier Code</b>	<b>M AN 1/12</b>
-------------	------------	---	------------------

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

## EDI with Kraft Heinz Company

**Segment:** GE Functional Group Trailer  
**Position:** 040  
**Loop:**  
**Level:**  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** To indicate the end of a functional group and to provide control information

**Syntax Notes:**

**Comments:**

### Data Element Summary

<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
GE01	97	<b>Number of Transaction Sets Included</b> Total number of transaction sets included in the functional group or interchange (transmission) group terminated by the trailer containing this data element	<b>M N0 1/6</b>
GE02	28	<b>Group Control Number</b> Assigned number originated and maintained by the sender Identical number as GS06	<b>M N0 1/9</b>

## EDI with Kraft Heinz Company

**Segment:** IEA Interchange Control Trailer  
**Position:** 050  
**Loop:**  
**Level:**  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** To define the end of an interchange of zero or more functional groups and interchange-related control segments

**Syntax Notes:**

**Comments:**

### Data Element Summary

<b>Ref.</b>	<b>Data</b>	<b>Name</b>	<b>Attributes</b>
<b><u>Des.</u></b>	<b><u>Element</u></b>		
<b>IEA01</b>	<b>I16</b>	<b>Number of Included Functional Groups</b> A count of the number of functional groups included in an interchange	<b>M N0 1/5</b>
<b>IEA02</b>	<b>I12</b>	<b>Interchange Control Number</b> A control number assigned by the interchange sender Identical number as ISA13	<b>M N0 9/9</b>

## EDI with Kraft Heinz Company

### EDI Document Definitions

#### ***Shipment Information/Load Tender (Transaction Set 204)***

Kraft Heinz Company will tender freight offerings to its primary motor carriers via EDI transaction set 204 Shipment Information. This will provide you with specific information pertaining to the shipment to be picked up and date and time to respond by. The “204” transaction set will be one of four types as identified in the B2A segment.

#### ***Accept/Reject Load Tender (Transaction Set 990)***

A response to each original 204 Transaction Set is required. These responses are sent in as 990 Transaction Sets. The 990 Transaction Set has multiple purposes. It is used to accept or reject a freight offering. Kraft Heinz Company requires a “990” accept or reject within 2 hours of the offering being placed in the carrier’s mailbox, unless otherwise specified in the element G6201 (qualifier ‘75’) of the 204 transaction set. Tenders not accepted or rejected within 2 hours will be automatically tendered to another carrier. The 990 is also used to confirm changes to shipments.

#### ***Shipment Status (Transaction Set 214)***

Carriers are requested to transmit “214” shipment status transactions to Kraft Heinz Company within 2 hours of the event. Kraft Heinz Company accepts status reporting 24 hours per day, seven days per week. The 214 transaction has four purposes: to schedule the pickup, to schedule the stop off(s), to inform Kraft Heinz of actual arrival for each stop off, and to inform Kraft Heinz of each departure for each stop off.

# EDI with Kraft Heinz Company

204 Motor Carrier Load Tender

Functional Group ID=**SM**

## Introduction:

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

## Heading:

	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Loop Repeat</u>	<u>Notes and Comments</u>
Must Use	010	ST	Transaction Set Header	M	1		
Must Use	020	B2	Beginning Segment for Shipment Information	M	1		
Must Use	030	B2A	Transaction Set Purpose	M	1		
	080	L11	Business Instructions and Reference Number	O	50		
	090	G62	Date/Time	O	1		n1
	100	MS3	Interline Information	O	1		
	110	AT5	Bill of Lading Handling Requirements	O	6		
	120	PLD	Pallet Information	O	1		
	125	LH6	Hazardous Certification	O	6		
	130	NTE	Note/Special Instruction	O	10		
LOOP ID - 0100							5
	140	N1	Name	O	1		n2
	150	N2	Additional Name Information	O	1		
	160	N3	Address Information	O	2		
	170	N4	Geographic Location	O	1		
	180	L11	Business Instructions and Reference Number	O	1		
	190	G61	Contact	O	3		
LOOP ID - 0200							10
	200	N7	Equipment Details	O	1		
	203	N7A	Accessorial Equipment Details	O	1		
	205	N7B	Additional Equipment Details	O	1		
	208	MEA	Measurements	O	1		
	210	M7	Seal Numbers	O	2		

## EDI with Kraft Heinz Company

### **Detail:**

	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Loop Repeat</u>	<u>Notes and Comments</u>
			LOOP ID - 0300			999	
Must Use	010	S5	Stop Off Details	M	1		
	020	L11	Business Instructions and Reference Number	O	50		
	030	G62	Date/Time	O	2		n3
	040	AT8	Shipment Weight, Packaging and Quantity Data	O	1		n4
	050	LAD	Lading Detail	O	999		n5
	060	AT5	Bill of Lading Handling Requirements	O	6		
	063	PLD	Pallet Information	O	1		
	065	NTE	Note/Special Instruction	O	20		
			LOOP ID - 0310			1	
	070	N1	Name	O	1		
	080	N2	Additional Name Information	O	1		
	090	N3	Address Information	O	2		
	100	N4	Geographic Location	O	1		
	120	G61	Contact	O	3		
			LOOP ID - 0320			99	
	130	L5	Description, Marks and Numbers	O	1		
	135	AT8	Shipment Weight, Packaging and Quantity Data	O	1		
			LOOP ID - 0325			99	
	140	G61	Contact	O	1		n6
	141	L11	Business Instructions and Reference Number	O	5		n7
	142	LH6	Hazardous Certification	O	6		
			LOOP ID - 0330			25	
	143	LH1	Hazardous Identification Information	O	1		
	144	LH2	Hazardous Classification Information	O	4		
	145	LH3	Hazardous Material Shipping Name	O	10		
	146	LFH	Freeform Hazardous Material Information	O	20		
	147	LEP	EPA Required Data	O	3		
	148	LH4	Canadian Dangerous Requirements	O	1		
	149	LHT	Transborder Hazardous Requirements	O	3		
			LOOP ID - 0350			999	
	150	OID	Order Identification Detail	O	1		n8
	160	G62	Date/Time	O	2		
	180	LAD	Lading Detail	O	999		
			LOOP ID - 0360			99	
	190	L5	Description, Marks and Numbers	O	1		n9
	195	AT8	Shipment Weight, Packaging and Quantity Data	O	1		n10
			LOOP ID - 0365			99	
	200	G61	Contact	O	1		n11
	201	L11	Business Instructions and Reference Number	O	5		n12
	202	LH6	Hazardous Certification	O	6		
			LOOP ID - 0370			25	
	203	LH1	Hazardous Identification Information	O	1		



## EDI with Kraft Heinz Company

204	LH2	Hazardous Classification Information	O	4
205	LH3	Hazardous Material Shipping Name	O	10
206	LFH	Freeform Hazardous Material Information	O	20
207	LEP	EPA Required Data	O	3
208	LH4	Canadian Dangerous Requirements	O	1
209	LHT	Transborder Hazardous Requirements	O	3

### LOOP ID - 0380

10

210	N7	Equipment Details	O	1
220	N7A	Accessorial Equipment Details	O	1
230	N7B	Additional Equipment Details	O	1
240	MEA	Measurements	O	1
250	M7	Seal Numbers	O	2

### Summary:

	<u>Pos.</u> <u>No.</u>	<u>Seg.</u> <u>ID</u>	<u>Name</u>	<u>Req.</u> <u>Des.</u>	<u>Max.Use</u>	<u>Loop</u> <u>Repeat</u>	<u>Notes and</u> <u>Comments</u>
	010	L3	Total Weight and Charges	O	1		
Must Use	020	SE	Transaction Set Trailer	M	1		

### Transaction Set Notes

1. Segment G62 in header is used to convey the must-respond-by date and time when responding to a 204 transaction.
2. Loop 0100 is used to convey name and address detail relative to bill-to, party controlling freight, or other shipment level name and address information. It is not used to convey ship from or ship to detail which should be handled within loop 0300 in table 2.
3. Use G62 segment either in loop 0300 or loop 0350, but not both.
4. Segment AT8 in loop 0300 is intended for the transmitting of total weight, quantity, and volume relative to the specific stop-off. Should weight, quantity, and volume also be sent in segment AT8 in loop 0320 and tied to commodity detail, then the accumulated amounts of weight, quantity, and volume in the AT8 segment in loop 0320 should equal the amounts in the single AT8 occurrence in loop 0300.
5. Use LAD segment either in loop 0300 or loop 0350, but not both.
6. The G61 segment contains the person or company to be contacted by the carrier in case of emergency.
7. The L11 segment contains the specific hazardous material reference numbers. Used in loop 0325 it pertains to all iterations of loop 0330 following.
8. Use loop 0350 for conveying seller's order/invoice level detail or buyer's purchase order level detail. If not using order level detail, this loop should not be used.
9. If sending order level detail within the 0350 loop, then use L5 and AT8 segments in loop 0360 to relay commodity detail. Otherwise, use L5 and AT8 segments within the 0320 loop to relay commodity detail. Use either loop 0320 or loop 0360, but not both.
10. Accumulated weights, quantities, and volumes sent in the AT8 segment in loop 0360 should total to the weight, quantity, and volume in the OID segment in loop

## EDI with Kraft Heinz Company

0350. Accumulated weights and quantities in the LAD segment in loop 0350 should total to the weight and quantity in the OID segment in loop 0350.

- 11.** The G61 segment contains the person or company to be contacted by the carrier in case of emergency.
- 12.** The L11 segment contains the specific hazardous material reference numbers. Used in loop 0365 it pertains to all iterations of loop 0370 following.
- 13.** The AT5 segment is used to inform carriers that the shipment tender is a part of a loop. The carrier will need to invoice Kraft Heinz using a loop rate.

## EDI with Kraft Heinz Company

**Segment:** **ST** Transaction Set Header  
**Position:** 010  
**Loop:**  
**Level:** Heading  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** To indicate the start of a transaction set and to assign a control number

**Syntax Notes:**

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

**Comments:**

### Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
>>	ST01	143	Transaction Set Identifier Code <i>Value to be used: 204</i>	M ID 3/3
>>	ST02	329	Transaction Set Control Number <i>Transaction set control number generated by software</i>	M AN 4/9

## EDI with Kraft Heinz Company

**Segment:** **B2 Beginning Segment for Shipment Information Transaction**

**Position:** 020

**Loop:**

**Level:** Heading

**Usage:** Mandatory

**Max Use:** 1

**Purpose:** To transmit basic data relating to shipment information

**Syntax Notes:**

**Semantic Notes:**

- 1 B202 contains the Standard Carrier Alpha Code (SCAC) of the carrier that will receive the bill of lading.
- 2 If B211 is used, B206 will indicate the party or parties responsible for payment of the transportation terms identified in B211.

**Comments:**

- 1 B202 is mandatory for transaction set 204.
- 2 B209 is mandatory for rail transactions.

### Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
<u>Des.</u>	<u>Element</u>		
B201	375	<b>Tariff Service Code</b> <i>Not used by Kraft Heinz</i>	O ID 2/2
B202	140	<b>Standard Carrier Alpha Code</b> <i>Carrier's SCAC Code</i>	M ID 2/4
B203	154	<b>Standard Point Location Code</b> <i>Not used by Kraft Heinz</i>	O ID 6/9
B204	145	<b>Shipment Identification Number</b> <i>Bill of Lading Number (BOL). This identification number will be used for freight payment (sent to Kraft Heinz in the 210 segment). This will be the SID – 10 digit Shipment number</i>	O AN 1/30
B205	188	<b>Weight Unit Code</b> <i>L - pounds</i>	O ID 1/1
B206	146	<b>Shipment Method of Payment</b> <i>CC – Collect</i> <i>PP – Pre-paid</i>	M ID 2/2
B207	147	<b>Shipment Qualifier</b> <i>B – Single</i> <i>F - Shipment contains stop-off(s)</i> <i>I – Intermodal</i> <i>L – LTL (less than truckload)</i> Based on the Load Class within SMS I = Load class I B = Load Class T (no stops) F = Load Class T (with stops)	O ID 1/1

## EDI with Kraft Heinz Company

<b>B208</b>	<b>86</b>	<b>Total Equipment</b> <i>Not used by Kraft Heinz</i>	<b>O</b>	<b>N0 1/3</b>
<b>B209</b>	<b>460</b>	<b>Shipment Weight Code</b> <i>Not used by Kraft Heinz</i>	<b>O</b>	<b>ID 1/1</b>
<b>B210</b>	<b>501</b>	<b>Customs Documentation Handling Code</b> <i>Not used by Kraft Heinz</i>	<b>O</b>	<b>ID 2/2</b>
<b>B211</b>	<b>335</b>	<b>Transportation Terms Code</b> <i>Not used by Kraft Heinz</i>	<b>O</b>	<b>ID 3/3</b>
<b>B212</b>	<b>591</b>	<b>Payment Method Code</b> <i>Not used by Kraft Heinz</i>	<b>O</b>	<b>ID 3/3</b>

## EDI with Kraft Heinz Company

**Segment:** **B2A** **Set Purpose**  
**Position:** 030  
**Loop:**  
**Level:** Heading  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** To allow for positive identification of transaction set purpose  
**Syntax Notes:**  
**Semantic Notes:**  
**Comments:**

### Data Element Summary

<b>Ref.</b>	<b>Data</b>	<b>Name</b>	<b>Attributes</b>
<b><u>Des.</u></b>	<b><u>Element</u></b>		
<b>B2A01</b>	<b>353</b>	<b>Transaction Set Purpose Code</b>	<b>M ID 2/2</b>
		<i>00 – Original Offer</i>	
		<i>01 – Cancellation of Offer</i>	
		<i>04 – Change to Offer</i>	
		00 is used when the load is tendered for the first time	
		is used when the load is tendered again to the same carrier as the original tender. This can occur when the shipment is recalled and retendered for transmission problems.	
		04 is used when something on the order changes:	
		Ship/Delivery Dates	
		PO's added or deleted	
		Stops added/deleted	
		CM created	
		01 is used when the shipment is recalled or cancelled	
<b>B2A02</b>	<b>346</b>	<b>Application or Load Type</b>	<b>O ID 2/2</b>
		<i>Not used by Kraft Heinz</i>	

## EDI with Kraft Heinz Company

**Segment:** **L11 Business Instructions and Reference Number**  
**Position:** 080  
**Loop:**  
**Level:** Heading  
**Usage:** Optional  
**Max Use:** 50  
**Purpose:** To specify instructions in this business relationship or a reference number  
**Syntax Notes:**

- 1 At least one of L1101 or L1103 is required.
- 2 If either L1101 or L1102 is present, then the other is required.

**Semantic Notes:**

**Comments:** *This segment will be used when the Tender is part of a continuous move*  
*The CM qualifier will be used to designate the continuous move number.*  
*The PSI qualifier will be used to designate the previous leg of the continuous move.*

### Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
<u>Des.</u>	<u>Element</u>		
<b>L1101</b>	<b>127</b>	<b>Reference Identification</b> When the CM qualifier is used, this will be the Continuous Move Reference Number assigned by Kraft Heinz. <i>When the PSI qualifier is used, this will be the BOL of the previous leg of the continuous move.</i>	<b>X AN 1/30</b>
<b>L1102</b>	<b>128</b>	<b>Reference Identification Qualifier</b> <i>CM – Continuous Move Number</i> <i>PSI – BOL of the previous leg of the Continuous Move</i>	<b>X ID 2/3</b>
<b>L1103</b>	<b>352</b>	<b>Description</b> <i>Not used by Kraft Heinz</i>	<b>X AN 1/80</b>

This segment will be used when the shipment being tendered is part of a continuous movement. The first leg of a continuous movement will be tendered as a 'normal' shipment. When the second leg is tendered, the first leg will be updated. A 204 update will be sent and there will be an L11 segment with a CM qualifier. The Continuous movement number will be sent in the L1101. When the second (or subsequent) leg of the continuous movement is tendered, there will be two occurrences of this segment.

The first will contain the continuous movement number and the CM qualifier. The second occurrence will contain the shipment number (BOL) of the previous leg with the PSI qualifier.

## EDI with Kraft Heinz Company

**Segment:** **G62** Date/Time  
**Position:** 090  
**Loop:**  
**Level:** Heading  
**Usage:** Optional  
**Max Use:** 1  
**Purpose:** To specify pertinent dates and times  
**Syntax Notes:**

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

**Semantic Notes:**

**Comments:**

### Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
<u>Des.</u>	<u>Element</u>		
<b>G6201</b>	<b>432</b>	<b>Date Qualifier</b> <i>64 – Must respond by</i>	<b>X ID 2/2</b>
<b>G6202</b>	<b>373</b>	<b>Date</b> <i>Date expressed as CCYYMMDD</i>	<b>X DT 8/8</b>
<b>G6203</b>	<b>176</b>	<b>Time Qualifier</b> <i>1 – Must respond by</i>	<b>X ID 1/2</b>
<b>G6204</b>	<b>337</b>	<b>Time</b> <i>Time expressed in 24-hour clock time as follows: HHMM</i>	<b>X TM 4/8</b>
<b>G6205</b>	<b>623</b>	<b>Time Code</b> <i>LT – Local Time</i>	<b>O ID 2/2</b>

This segment is used to inform the carrier when they must respond to our offer. In other words, the 990 response is due back to LCC by the date and time provided in this segment. The Date & Time populated should be 2 hours after the tender time, and should be converted to local time for the carrier.



## EDI with Kraft Heinz Company

**Segment:** **AT5** Bill of Lading Handling Requirements  
**Position:** 110  
**Loop:**  
**Level:** Heading  
**Usage:** Optional  
**Max Use:** 6  
**Purpose:** To specify additional bill of lading information.  
**Syntax Notes:**  
**Semantic Notes:**  
**Comments:** Contains information regarding cooperative routing loop shipments.

### Data Element Summary

<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
AT501	152	Handling Code <i>Blank</i>	X ID 2/3
AT502	560	Services Code <i>Blank</i>	X ID 2/10
AT503	153	Handling Description <i>Route Leg ID – contains 'Route Template', 'Route Instance', and the 'Route Leg' information.</i>	X AN 2/30

The AT5 segment is used to inform carriers that the shipment tender is a part of a loop. The carrier will need to invoice Kraft Heinz using a loop rate.

## EDI with Kraft Heinz Company

**Segment:** **PLD** **Pallet Information**  
**Position:** 120  
**Loop:**  
**Level:** Heading  
**Usage:** Optional  
**Max Use:** 1  
**Purpose:** To specify pallet information including quantity, exchange, and weight  
**Syntax Notes:** 1 If either PLD03 or PLD04 is present, then the other is required.  
**Semantic Notes:**  
**Comments:**

### Data Element Summary

<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
PLD01	406	<b>Quantity of Pallets Shipped</b> <i>Number of pallets shipped – currently not used by Kraft Heinz</i>	<b>M</b> N0 1/3
PLD02	399	<b>Pallet Exchange Code</b> <i>1 – No Exchange/No return</i> <i>2 – Exchange Pallets</i> <i>3 – Return Pallets</i> <i>4 – Pallets to be purchased by customer</i> <i>5 – Third party pallet exchange</i>	<b>O</b> ID 1/1
PLD03	188	<i>Currently not used by Kraft Heinz</i> <b>Weight Unit Code</b> <i>Not used by Kraft Heinz</i>	<b>X</b> ID 1/1
PLD04	81	<b>Weight</b> <i>Not used by Kraft Heinz</i>	<b>X</b> R 1/10

This segment is not currently used. It was included for future expansion. The number of pallets shipped is currently an estimated number. Also, at this point, most outbound shipments are on Chep pallets.

## EDI with Kraft Heinz Company

**Segment:** **NTE** Note/Special Instruction  
**Position:** 065  
**Loop:** 0300 Mandatory  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** 20  
**Purpose:** To transmit information in a free-form format, if necessary, for comment or special instruction

**Syntax Notes:**

**Semantic Notes:**

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

### Data Element Summary

<b>Ref.</b>	<b>Data</b>	<b>Name</b>	<b>Attributes</b>
<b><u>Des.</u></b>	<b><u>Element</u></b>		
NTE01	363	<b>Note Reference Code</b> <i>ADD – Additional Information</i>	<b>O ID 3/3</b>
NTE02	352	<b>Description</b> <i>A free-form description to clarify the related data elements and their content</i>	<b>M AN 1/80</b>

Up to 20 lines of additional data can be transmitted to the carriers. This data should include any comments that are sent to us via COD, or any standard comments that are associated with the stopoff. These could be directions to the facility or instructions about not using certain size equipment, etc.

## EDI with Kraft Heinz Company

**Segment:** **N1** Name  
**Position:** 140  
**Loop:** 0100 Optional  
**Level:** Heading  
**Usage:** Optional  
**Max Use:** 1  
**Purpose:** To identify a party by type of organization, name, and code  
**Syntax Notes:** 1 At least one of N102 or N103 is required.  
                       2 If either N103 or N104 is present, then the other is required.  
**Semantic Notes:**  
**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.

### Data Element Summary

<b>Ref.</b>	<b>Data</b>		
<b><u>Des.</u></b>	<b><u>Element</u></b>	<b><u>Name</u></b>	<b><u>Attributes</u></b>
<b>N101</b>	<b>98</b>	<b>Entity Identifier Code</b> <i>SH – Shipper</i>	<b>M ID 2/3</b>
<b>N102</b>	<b>93</b>	<b>Name</b> <i>Name of Shipper (Kraft Heinz Foods Company)</i>	<b>X AN 1/60</b>
<b>N103</b>	<b>66</b>	<b>Identification Code Qualifier</b> <i>93 – Code assigned by Kraft Heinz</i>	<b>X ID 1/2</b>
<b>N104</b>	<b>67</b>	<b>Identification Code</b> <i>Kraft Heinz internal customer number associated with Shipper</i>	<b>X AN 2/80</b>
<b>N105</b>	<b>706</b>	<b>Entity Relationship Code</b> <i>Not used by Kraft Heinz</i>	<b>O ID 2/2</b>
<b>N106</b>	<b>98</b>	<b>Entity Identifier Code</b> <i>Not used by Kraft Heinz</i>	<b>O ID 2/3</b>

This segment will be populated with the information associated with the SHIPPER CODE on the shipment. Ship-to Code and Ship-to Name. The internal customer number and qualifier will not be supplied when the shipment is a drop shipment.

## EDI with Kraft Heinz Company

**Segment:** **N2 Additional Name Information**  
**Position:** 150  
**Loop:** 0100 Optional  
**Level:** Heading  
**Usage:** Optional  
**Max Use:** 1  
**Purpose:** To specify additional names or those longer than 35 characters in length

**Syntax Notes:**  
**Semantic Notes:**  
**Comments:**

### Data Element Summary

<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
N201	93	<b>Name</b> <i>Additional shipper name information – if needed</i>	<b>M AN 1/60</b>
N202	93	<b>Name</b> <i>Additional shipper name information – if needed</i>	<b>O AN 1/60</b>

## EDI with Kraft Heinz Company

**Segment:** **N3** Address Information  
**Position:** 160  
**Loop:** 0100 Optional  
**Level:** Heading  
**Usage:** Optional  
**Max Use:** 2  
**Purpose:** To specify the location of the named party  
**Syntax Notes:**  
**Semantic Notes:**  
**Comments:**

Data Element Summary			
<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
<b>N301</b>	<b>166</b>	<b>Address Information</b> <i>Address information</i>	<b>M AN 1/55</b>
<b>N302</b>	<b>166</b>	<b>Address Information</b> <i>Address information</i>	<b>O AN 1/55</b>

This segment is populated with the address information in the ship-to record.

## EDI with Kraft Heinz Company

**Segment:** **N4 Geographic Location**  
**Position:** 170  
**Loop:** 0100 Optional  
**Level:** Heading  
**Usage:** Optional  
**Max Use:** 1  
**Purpose:** To specify the geographic place of the named party  
**Syntax Notes:** 1 If N406 is present, then N405 is required.  
**Semantic Notes:**  
**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.

### Data Element Summary

<b>Ref.</b>	<b>Data</b>	<b>Name</b>	<b>Attributes</b>
<b><u>Des.</u></b>	<b><u>Element</u></b>		
<b>N401</b>	<b>19</b>	<b>City Name</b> <i>City of Shipper</i>	<b>O AN 2/30</b>
<b>N402</b>	<b>156</b>	<b>State or Province Code</b> <i>State or Province of Shipper</i>	<b>O ID 2/2</b>
<b>N403</b>	<b>116</b>	<b>Postal Code</b> <i>Postal / Zip code of shipper</i>	<b>O ID 3/15</b>
<b>N404</b>	<b>26</b>	<b>Country Code</b> <i>Country of Shipper (USA)</i>	<b>O ID 2/3</b>
<b>N405</b>	<b>309</b>	<b>Location Qualifier</b> <i>Not used by Kraft Heinz</i>	<b>X ID 1/2</b>
<b>N406</b>	<b>310</b>	<b>Location Identifier</b> <i>Not used by Kraft Heinz</i>	<b>O AN 1/30</b>

This segment contains the information relating to the ship-to record.

## EDI with Kraft Heinz Company

**Segment:** **G61** Contact  
**Position:** 190  
**Loop:** 0100 Optional  
**Level:** Heading  
**Usage:** Optional  
**Max Use:** 3  
**Purpose:** To identify a person or office to which communications should be directed  
**Syntax Notes:** 1 If either G6103 or G6104 is present, then the other is required.  
**Semantic Notes:**  
**Comments:** 1 G6103 qualifies G6104.

### Data Element Summary

<u>Ref.</u>	<u>Data</u>		<u>Attributes</u>
<u>Des.</u>	<u>Element</u>	<u>Name</u>	
<b>G6101</b>	<b>366</b>	<b>Contact Function Code</b> <i>SH – Shipper Contact</i>	<b>M ID 2/2</b>
<b>G6102</b>	<b>93</b>	<b>Name</b> <i>Contact Name</i>	<b>M AN 1/60</b>
<b>G6103</b>	<b>365</b>	<b>Communication Number Qualifier</b> <i>TE – Telephone Number</i>	<b>X ID 2/2</b>
<b>G6104</b>	<b>364</b>	<b>Communication Number</b> <i>LCC Phone Number</i>	<b>X AN 1/80</b>
<b>G6105</b>	<b>443</b>	<b>Contact Inquiry Reference</b> <i>Not used by Kraft Heinz</i>	<b>O AN 1/20</b>

This segment will contain information relating to the load planner that actually tendered the shipment. The contact name will be the load planner's name (found in the shipment audit record, x-refed to the userid). The Communication number could be hard-coded to the 1888LOADCTR number. If at all possible it would be great to be able to map an extension number on the end.



## EDI with Kraft Heinz Company

**Segment:** **N7 Equipment Details**  
**Position:** 200  
**Loop:** 0200 Optional  
**Level:** Heading  
**Usage:** Optional  
**Max Use:** 1  
**Purpose:** To identify the equipment  
**Syntax Notes:**

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

**Semantic Notes:**

- 1 N712 is the owner of the equipment.
- 2 N723 is the operator or carrier of the rights of the equipment.

**Comments:**

- 1 N701 is mandatory for rail transactions.
- 2 N720 and N721 are expressed in inches.

### Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
<u>Des.</u>	<u>Element</u>		
N701	206	<b>Equipment Initial</b> <i>Not used by Kraft Heinz</i>	O AN 1/4
N702	207	<b>Equipment Number</b> <i>Value Kraft Heinz will use 0 (zero)</i>	M AN 1/10
N703	81	<b>Weight</b> <i>Weight of Shipment</i>	X R 1/10
N704	187	<b>Weight Qualifier</b> <i>G – Gross Weight</i>	X ID 1/2
N705	167	<b>Tare Weight</b> <i>Not used by Kraft Heinz</i>	X N0 3/8
N706	232	<b>Weight Allowance</b> <i>Not used by Kraft Heinz</i>	O N0 2/6
N707	205	<b>Dunnage</b> <i>Not used by Kraft Heinz</i>	O N0 1/6
N708	183	<b>Volume</b> <i>Cubic Measure of shipment</i>	X R 1/8
N709	184	<b>Volume Unit Qualifier</b> <i>E – Cubic Feet</i> <i>M – Cubic Meters (M3) (for Brazil only)</i>	X ID 1/1
N710	102	<b>Ownership Code</b> <i>Not used by Kraft Heinz</i>	O ID 1/1
N711	40	<b>Equipment Description Code</b> <i>TF – Trailer, dry freight</i> <i>RT – Controlled Temperature Trailer (refer)</i> <i>TI – Trailer Insulated</i> <i>TA – Trailer Heated</i> <i>TE – Trailer Easter (Brazil only)</i>	O ID 2/2
N712	140	<b>Standard Carrier Alpha Code</b> <i>Not used by Kraft Heinz</i>	O ID 2/4

## EDI with Kraft Heinz Company

<b>N713</b>	<b>319</b>	<b>Temperature Control</b> <i>Not used by Kraft Heinz</i>	<b>O AN 3/6</b>
<b>N714</b>	<b>219</b>	<b>Position</b> <i>Not used by Kraft Heinz</i>	<b>O AN 1/3</b>
<b>N715</b>	<b>567</b>	<b>Equipment Length</b> <i>Length of equipment requested</i> <i>4800 – 48' trailer</i> <i>5300 – 53' trailer</i>	<b>O N0 4/5</b>
<b>N716</b>	<b>571</b>	<b>Tare Qualifier Code</b> <i>Not used by Kraft Heinz</i>	<b>X ID 1/1</b>
<b>N717</b>	<b>188</b>	<b>Weight Unit Code</b> <i>Not used by Kraft Heinz</i>	<b>O ID 1/1</b>
<b>N718</b>	<b>761</b>	<b>Equipment Number Check Digit</b> <i>Not used by Kraft Heinz</i>	<b>O N0 1/1</b>
<b>N719</b>	<b>56</b>	<b>Type of Service Code</b> <i>Not used by Kraft Heinz</i>	<b>O ID 2/2</b>
<b>N720</b>	<b>65</b>	<b>Height</b> <i>Not used by Kraft Heinz</i>	<b>O R 1/8</b>
<b>N721</b>	<b>189</b>	<b>Width</b> <i>Not used by Kraft Heinz</i>	<b>O R 1/8</b>
<b>N722</b>	<b>24</b>	<b>Equipment Type</b> <i>Not used by Kraft Heinz</i>	<b>O ID 4/4</b>
<b>N723</b>	<b>140</b>	<b>Standard Carrier Alpha Code</b> <i>Not used by Kraft Heinz Code</i>	<b>O ID 2/4</b>
<b>N724</b>	<b>301</b>	<b>Car Type Code</b> <i>Not used by Kraft Heinz</i>	<b>O ID 1/4</b>

Information in this segment will come from the shipment record. Data element 40 – Equipment description code will be mapped as:

TF when equipment type starts with a VN  
RT when equipment type starts with a RF  
TI when equipment type starts with an IN  
TA when equipment type starts with an HT

The equipment length field is from the last two digits of the equipment type at the shipment level.

## EDI with Kraft Heinz Company

**Segment:** **S5 Stop Off Details**  
**Position:** 010  
**Loop:** 0300 Mandatory  
**Level:** Detail  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** To specify stop-off detail reference numbers and stop reason  
**Syntax Notes:**

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

**Semantic Notes:**

- 1 S509 is the stop reason description.

**Comments:**

### Data Element Summary

Ref.	Data		
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
S501	165	<b>Stop Sequence Number</b> <i>Specific stop sequence number</i>	M N0 1/3
S502	163	<b>Stop Reason Code</b> <i>CL – complete shipment</i> <i>LD – complete load (last pickup)</i> <i>PL – part load (used when there are multiple pickup stops)</i> <i>CU – complete unload (final stop)</i> <i>PU – part unload (used when there are multiple delivery stops)</i>	M ID 2/2
S503	81	<b>Weight</b> <i>Weight of Stop off</i>	X R 1/10
S504	188	<b>Weight Unit Code</b> <i>L – Pounds</i> <i>K – Kilogram (Brazil only)</i>	X ID 1/1
S505	382	<b>Number of Units Shipped</b> <i>Number of units (Cases) shipped</i>	X R 1/10
S506	355	<b>Unit or Basis for Measurement Code</b> <i>CA - Cases</i>	X ID 2/2
S507	183	<b>Volume</b> <i>Volume of stop off</i>	X R 1/8
S508	184	<b>Volume Unit Qualifier</b> <i>E – Cubic Feet</i> <i>M – Cubic Meters (M3) (for Brazil only)</i>	X ID 1/1
S509	352	<b>Description</b> <i>Not used by Kraft Heinz</i>	O AN 1/80
S510	154	<b>Standard Point Location Code</b> <i>Not used by Kraft Heinz</i>	O ID 6/9
S511	190	<b>Accomplish Code</b> <i>Not used by Kraft Heinz</i>	O ID 1/1

The S5 is the beginning of the stop-off loop. There will be at LEAST two occurrences of the S5 segment with each 204. The weight, case count, and cube are populated from the stop off record. The stop reason code is straightforward and should be mapped accordingly. The stop sequence number will begin with 01 (for the original pickup) and 02 will designate the final unload.

## EDI with Kraft Heinz Company

**Segment:** **L11** Business Instructions and Reference Number  
**Position:** 020  
**Loop:** 0300 Mandatory  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** 50  
**Purpose:** To specify instructions in this business relationship or a reference number  
**Syntax Notes:**

- 1 At least one of L1101 or L1103 is required.
- 2 If either L1101 or L1102 is present, then the other is required.

**Semantic Notes:**  
**Comments:** *There will be at least two occurrences of the L11 segment for each S5*  
*One will use the SI qualifier – this will be the reference number*  
*returned in the 214*  
*The others will use a IL qualifier – for internal order number (Kraft*  
*Heinz replenishment #)*  
*OR a PO qualifier – for the customer’s PO number*

### Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
<u>Des.</u>	<u>Element</u>		
<b>L1101</b>	<b>127</b>	<b>Reference Identification</b> <i>Reference number as identified in data element 128</i>	<b>X AN 1/30</b>
<b>L1102</b>	<b>128</b>	<b>Reference Identification Qualifier</b> <i>SI – Shipment stop-off identifier</i> <i>IL – Internal Order Number – used to identify Replenishment</i> <i>Orders</i> <i>PO – Purchase Order of Customer</i>	<b>X ID 2/3</b>
<b>L1103</b>	<b>352</b>	<b>Description</b> <i>Not used by Kraft Heinz</i>	<b>X AN 1/80</b>

There will be at least one occurrence of this segment with each stop. The occurrence will include the shipment stop-off number (SID + 01 + stop), with the SI qualifier. The pickup stop will only have this reference. The delivery stops will have this qualifier and another occurrence of the L11. If the IL qualifier is used, the reference number will be the replenishment number (ROCET). If the PO qualifier is used, the reference number will be the customer’s Purchase Order Number. There will be multiple occurrences of this segment when there are multiple PO’s on a stop-off.

## EDI with Kraft Heinz Company

**Segment:** **G62** Date/Time  
**Position:** 030  
**Loop:** 0300 Mandatory  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** 2  
**Purpose:** To specify pertinent dates and times  
**Syntax Notes:**

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

**Semantic Notes:**

**Comments:**

### Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
<u>Des.</u>	<u>Element</u>		
<b>G6201</b>	<b>432</b>	<b>Date Qualifier</b>	<b>X ID 2/2</b>
		10 – Requested Ship Date (Carrier MUST MAKE appointment)	
		68 – Requested Delivery Date (Carrier MUST MAKE appointment)	
		69 – Scheduled Pick Up Date (Carrier MUST CONFIRM appointment)	
		70 – Scheduled Delivery Date (Carrier MUST CONFIRM appointment)	
<b>G6202</b>	<b>373</b>	<b>Date</b>	<b>X DT 8/8</b>
		Date expressed as CCYYMMDD	
<b>G6203</b>	<b>176</b>	<b>Time Qualifier</b>	<b>X ID 1/2</b>
		2 – Pickup Appointment Scheduled Time (Carrier MUST CONFIRM appointment time)	
		3 – Delivery Appointment Scheduled Time (Carrier MUST CONFIRM appointment time)	
		Y – Requested Pickup Time (Carrier MUST MAKE appointment)	
		Z – Requested Delivery Time (Carrier MUST MAKE appointment)	
		If pick up or delivery 'windows' are given:	
		G – Earliest Requested Delivery Time	
		I – Earliest Requested Pick up Time	
		K – Latest Requested Pick up Time	
		L – Latest Requested Delivery Time	
<b>G6204</b>	<b>337</b>	<b>Time</b>	<b>X TM 4/8</b>
		Time expressed in 24-hour clock time as follows: HHMM	
<b>G6205</b>	<b>623</b>	<b>Time Code</b>	<b>O ID 2/2</b>
		LT – Local Time	

## EDI with Kraft Heinz Company

The G62 segment is very dependent on the information passed to LCC on the order and to what stop it applies. There can be up to two occurrences of the G62 segment per stop-off. This is usually seen when a time range is provided to the carrier.

The pickup stop-offs (stop reason code LD or PL – see S502) will have the following:

G6201 will have a value of 10 or 69 (most times it will be 69, as Kraft Heinz is establishing the ship date. The G6203 in the first occurrence of the G62 will contain an I. The second occurrence of the G62 will contain a K. The times entered in the G62 segments will relate to the dock hours if no specific time is specified.

**If a specific time is specified (i.e. earliest & latest is the same), then the value of Y will be used and only one G62 will be sent.**

Very rarely will pickup appointments be provided to the carriers.

If the order has a scheduled delivery appointment, it will be outlined in the standard comments.

Standard Comments are:

0002	_____A.M.-DEL. BEFORE - G6201 value = 70, G6203 value = L
0003	_____P.M.-DEL. BEFORE - G6201 value = 70, G6203 value = L
0004	_____A.M.-DEL. AFTER - G6201 value = 70, G6203 value = G
0005	_____P.M.-DEL. AFTER - G6201 value = 70, G6203 value = G
0006	_____A.M.-DEL TIME - G6201 value = 70, G6203 value = 3
0007	_____P.M.-DEL TIME - G6201 value = 70, G6203 value = 3

In many cases, the delivery date will be requested, with no assigned time. In this case, the G6201 value will be 69. The G6203 value will be:

Z if there is a specific time provided OR there will be two occurrences of the G62. The first G6203 will contain the value G and the second G6203 will contain the value L.

## EDI with Kraft Heinz Company

**Segment:** **NTE** Note/Special Instruction  
**Position:** 065  
**Loop:** 0300 Mandatory  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** 20  
**Purpose:** To transmit information in a free-form format, if necessary, for comment or special instruction

**Syntax Notes:**

**Semantic Notes:**

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

### Data Element Summary

<b>Ref.</b>	<b>Data</b>	<b>Name</b>	<b>Attributes</b>
<b><u>Des.</u></b>	<b><u>Element</u></b>		
NTE01	363	<b>Note Reference Code</b> <i>ADD – Additional Information</i>	<b>O ID 3/3</b>
NTE02	352	<b>Description</b> <i>A free-form description to clarify the related data elements and their content</i>	<b>M AN 1/80</b>

Up to 20 lines of additional data can be transmitted to the carriers. This data should include any comments that are sent to us via COD, or any standard comments that are associated with the stop-off. These could be directions to the facility or instructions about not using certain size equipment, etc.

## EDI with Kraft Heinz Company

**Segment:** **N1** Name  
**Position:** 070  
**Loop:** 0310 Optional  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** 1  
**Purpose:** To identify a party by type of organization, name, and code  
**Syntax Notes:** 1 At least one of N102 or N103 is required.  
                     2 If either N103 or N104 is present, then the other is required.  
**Semantic Notes:**  
**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.

### Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
<u>Des.</u>	<u>Element</u>		
N101	98	<b>Entity Identifier Code</b>	M ID 2/3
		<i>SF - Ship From</i>	
		<i>PW - Pickup Address</i>	
		<i>CN - Consignee (used by SMS only)</i>	
		<i>ST - Ship To (used by Manugistics only)</i>	
		<i>DA - Delivery Address (used by both SMS and Manugistics)</i>	
N102	93	<b>Name</b>	X AN 1/60
		<i>Name of Shipping/Receiving Location</i>	
N103	66	<b>Identification Code Qualifier</b>	X ID 1/2
		<i>93 - Code assigned by Kraft Heinz</i>	
N104	67	<b>Identification Code</b>	X AN 2/80
		<i>Kraft Heinz's internal Customer Code</i>	
N105	706	<b>Entity Relationship Code</b>	O ID 2/2
		<i>Not used by Kraft Heinz</i>	
N106	98	<b>Entity Identifier Code</b>	O ID 2/3
		<i>Not used by Kraft Heinz</i>	

This segment is used to identify the stop-off details. There will be one occurrence of this segment for each S5. If the shipment is going to a 'drop ship' address, the drop ship information will be sent to the carrier in these segments. For the original pickup (stop 01, stop reason code LD) the N101 value will be SF. For subsequent pickup (if there are any, stop reason code PL) the N101 value will be PW. For intermediate stops (if there are any, stop reason code PU) the N101 value will be DA. For the final delivery (stop 02, stop reason code CU) the N101 value will be ST. The N102 will contain the name of the stop-off customer. The N104 will contain the customer number on the stop-off.



## EDI with Kraft Heinz Company

**Segment:** **N2 Additional Name Information**  
**Position:** 080  
**Loop:** 0310 Optional  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** 1  
**Purpose:** To specify additional names or those longer than 35 characters in length

**Syntax Notes:**  
**Semantic Notes:**  
**Comments:**

### Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
<u>Des.</u>	<u>Element</u>		
N201	93	Name <i>Name of Pick up or Delivery Location</i>	M AN 1/60
N202	93	Name <i>Additional Name data</i>	O AN 1/60

In general, we don't usually use this. If there were a second line in the name, the information would go here.

## EDI with Kraft Heinz Company

**Segment:** **N3** Address Information  
**Position:** 090  
**Loop:** 0310 Optional  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** 2  
**Purpose:** To specify the location of the named party  
**Syntax Notes:**  
**Semantic Notes:**  
**Comments:**

### Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
<b>N301</b>	<b>166</b>	<b>Address Information</b> <i>Address of pick up or delivery location</i>	<b>M AN 1/55</b>
<b>N302</b>	<b>166</b>	<b>Address Information</b> <i>Additional Address information</i>	<b>O AN 1/55</b>

Address information is shown here.

## EDI with Kraft Heinz Company

**Segment:** **N4 Geographic Location**  
**Position:** 100  
**Loop:** 0310 Optional  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** 1  
**Purpose:** To specify the geographic place of the named party  
**Syntax Notes:** 1 If N406 is present, then N405 is required.  
**Semantic Notes:**  
**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.

### Data Element Summary

<b>Ref.</b>	<b>Data</b>	<b>Name</b>	<b>Attributes</b>
<b><u>Des.</u></b>	<b><u>Element</u></b>		
<b>N401</b>	<b>19</b>	<b>City Name</b> <i>City Name of location</i>	<b>O AN 2/30</b>
<b>N402</b>	<b>156</b>	<b>State or Province Code</b> <i>State / Province of Location</i>	<b>O ID 2/2</b>
<b>N403</b>	<b>116</b>	<b>Postal Code</b> <i>Postal or Zip Code of location</i>	<b>O ID 3/15</b>
<b>N404</b>	<b>26</b>	<b>Country Code</b> <i>Code identifying the country of location</i> <i>US – United States</i> <i>CA – Canada</i>	<b>O ID 2/3</b>
<b>N405</b>	<b>309</b>	<b>Location Qualifier</b> <i>Not used by Kraft Heinz</i>	<b>X ID 1/2</b>
<b>N406</b>	<b>310</b>	<b>Location Identifier</b> <i>Not used by Kraft Heinz</i>	<b>O AN 1/30</b>

This segment contains the information relating to the city/state of the stop-off. The information maps from the stop off data.

## EDI with Kraft Heinz Company

**Segment:** **G61** Contact  
**Position:** 120  
**Loop:** 0310 Optional  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** 3  
**Purpose:** To identify a person or office to which communications should be directed  
**Syntax Notes:** 1 If either G6103 or G6104 is present, then the other is required.  
**Semantic Notes:**  
**Comments:** 1 G6103 qualifies G6104.

### Data Element Summary

<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
<b>G6101</b>	<b>366</b>	<b>Contact Function Code</b> <i>DC – Delivery Contact</i> <i>SH – Shipper Contact</i>	<b>M ID 2/2</b>
<b>G6102</b>	<b>93</b>	<b>Name</b> <i>Contact Name</i>	<b>M AN 1/60</b>
<b>G6103</b>	<b>365</b>	<b>Communication Number Qualifier</b> <i>TE - Telephone</i>	<b>X ID 2/2</b>
<b>G6104</b>	<b>364</b>	<b>Communication Number</b> <i>Telephone Number of contact Person</i>	<b>X AN 1/80</b>
<b>G6105</b>	<b>443</b>	<b>Contact Inquiry Reference</b> <i>Not used by Kraft Heinz</i>	<b>O AN 1/20</b>

If there is a contact name & number associated with the stop off or customer number, it is sent in this segment. If the stop is a pickup stop the G6101 value will be SH, if the stop is a delivery stop the G6101 value is DC.

## EDI with Kraft Heinz Company

**Segment:** **OID** **Order Identification Detail**  
**Position:** 150  
**Loop:** 0350 Optional  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** 1  
**Purpose:** To specify order identification detail  
**Syntax Notes:**

- 1 At least one of OID01 or OID02 is required.
- 2 If OID03 is present, then OID02 is required.
- 3 If either OID04 or OID05 is present, then the other is required.
- 4 If either OID06 or OID07 is present, then the other is required.
- 5 If either OID08 or OID09 is present, then the other is required.

**Semantic Notes:**

- 1 OID01 is the seller's order identification number.
- 2 OID03 is the number assigned by the consignee to further define the purchase order number.

**Comments:**

### Data Element Summary

<b>Ref.</b>	<b>Data</b>	<b>Name</b>	<b>Attributes</b>
<b><u>Des.</u></b>	<b><u>Element</u></b>		
<b>OID01</b>	<b>127</b>	<b>Reference Identification</b> <i>Not used by Kraft Heinz</i>	<b>X AN 1/30</b>
<b>OID02</b>	<b>324</b>	<b>Purchase Order Number</b> <i>Purchase Order number</i>	<b>X AN 1/22</b>
<b>OID03</b>	<b>127</b>	<b>Reference Identification</b> <i>Not used by Kraft Heinz</i>	<b>O AN 1/30</b>
<b>OID04</b>	<b>355</b>	<b>Unit or Basis for Measurement Code</b> <i>CA - Cases</i>	<b>X ID 2/2</b>
<b>OID05</b>	<b>380</b>	<b>Quantity</b> <i>Number of cases ordered on given Purchase Order</i>	<b>X R 1/15</b>
<b>OID06</b>	<b>188</b>	<b>Weight Unit Code</b> <i>L – Pounds</i> <i>K – Kilogram (for Brazil only)</i>	<b>X ID 1/1</b>
<b>OID07</b>	<b>81</b>	<b>Weight</b> <i>Weight (in pounds) associated with the given Purchase Order</i>	<b>X R 1/10</b>
<b>OID08</b>	<b>184</b>	<b>Volume Unit Qualifier</b> <i>E – Cubic Feet</i> <i>M – Cubic Meters (M3) (for Brazil only)</i>	<b>X ID 1/1</b>
<b>OID09</b>	<b>183</b>	<b>Volume</b> <i>Volume (in cubic feet) associated with the given Purchase Order</i>	<b>X R 1/8</b>

This segment is used to provide the carrier with the case count, weight and cube of each order. It is used by larger customers when the delivery appointments are made. There will be one occurrence of this segment for each Purchase Order on the stop. This segment is associated with customer delivery stops only. The value in the OID02 should match the data sent in the L11 segment with a PO qualifier.

## EDI with Kraft Heinz Company

**Segment:** **L3 Total Weight and Charges**  
**Position:** 010  
**Loop:**  
**Level:** Summary  
**Usage:** Optional  
**Max Use:** 1  
**Purpose:** To specify the total shipment in terms of weight, volume, rates, charges, advances, and prepaid amounts applicable to one or more line items  
**Syntax Notes:**

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

**Semantic Notes:**

- 1 L305 is the total charges.

**Comments:**

### Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
<u>Des.</u>	<u>Element</u>		
L301	81	<b>Weight</b> <i>Weight of Shipment</i>	X R 1/10
L302	187	<b>Weight Qualifier</b> <i>G – Gross Weight</i>	X ID 1/2
L303	60	<b>Freight Rate</b> <i>Not used by Kraft Heinz</i>	X R 1/9
L304	122	<b>Rate/Value Qualifier</b> <i>Not used by Kraft Heinz</i>	X ID 2/2
L305	58	<b>Charge</b> <i>Not used by Kraft Heinz</i>	O N2 1/12
L306	191	<b>Advances</b> <i>Not used by Kraft Heinz</i>	O N2 1/9
L307	117	<b>Prepaid Amount</b> <i>Not used by Kraft Heinz</i>	O N2 1/9
L308	150	<b>Special Charge or Allowance Code</b> <i>Not used by Kraft Heinz</i>	O ID 3/3
L309	183	<b>Volume</b> <i>Total Volume of the Shipment (in cubic feet)</i>	X R 1/8
L310	184	<b>Volume Unit Qualifier</b> <i>E – Cubic Feet</i> <i>M – Cubic Meters (M3) (for Brazil only)</i>	X ID 1/1
L311	80	<b>Lading Quantity</b> <i>Not used by Kraft Heinz</i>	O N0 1/7
L312	188	<b>Weight Unit Code</b> <i>Not used by Kraft Heinz</i>	O ID 1/1

## EDI with Kraft Heinz Company

<b>L313</b>	<b>171</b>	<b>Tariff Number</b> <i>Not used by Kraft Heinz</i>	<b>O AN 1/7</b>
<b>L314</b>	<b>74</b>	<b>Declared Value</b> <i>Not used by Kraft Heinz</i>	<b>X N2 2/12</b>
<b>L315</b>	<b>122</b>	<b>Rate/Value Qualifier</b> <i>Not used by Kraft Heinz</i>	<b>X ID 2/2</b>

The data used in this segment is the same data found in the N7 segment. This data reflects the weight, cube and case count of the shipment.

## EDI with Kraft Heinz Company

**Segment:** **SE** Transaction Set Trailer  
**Position:** 020  
**Loop:**  
**Level:** Summary  
**Usage:** Mandatory  
**Max Use:** 1  
**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)

**Syntax Notes:**

**Semantic Notes:**

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

### Data Element Summary

<b>Ref.</b>	<b>Data</b>	<b>Name</b>	<b>Attributes</b>
<b><u>Des.</u></b>	<b><u>Element</u></b>		
SE01	96	<b>Number of Included Segments</b> <i>Total number of segments included in a transaction set including ST and SE segments</i>	<b>M N0 1/10</b>
SE02	329	<b>Transaction Set Control Number</b> <i>Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set</i>	<b>M AN 4/9</b>



## EDI with Kraft Heinz Company

### *204 Business Example*

ISA\*00\* \*00\* \*01\*001339035CICS \*02\*SCAC \*160509\*1051\*U\*00401\*000017884\*0\*P\*>~  
GS\*SM\*7086462438\*SCAC\*20160509\*1051\*17884\*X\*004010~  
ST\*204\*22450~  
B2\*\*SCAC\*\*2021601410\*L\*PP\*B~  
B2A\*00~  
G62\*64\*20160509\*1\*1247\*LT~  
N1\*SH\*Kraft Heinz Foods Company\*93\*569129~  
N3\*PO Box 982141~  
N4\*El Paso\*TX\*79998-2141\*USA~  
G61\*SH\*LOAD PLANNER\*TE\*Call Dispatch Office~  
N7\*\*0\*300\*G\*\*\*\*\*51000\*E\*\*RT\*\*\*\*5300~  
S5\*1\*CL\*30000\*L\*30000\*CA\*510\*E~  
L11\*20216014100101\*SI~  
L11\*3561004455\*PO~  
G62\*10\*20160516\*I\*0000\*LT~  
G62\*10\*20160516\*K\*2359\*LT~  
NTE\*ADD\*6~  
N1\*SF\*GLANBIA FOODS INC\*93\*0002028601~  
N3\*236 WASHINGTON AVE S~  
N4\*TWIN FALLS\*ID\*83301\*US~  
G61\*SH\*LOAD PLANNER CONTACT\*TE\*Call Dispatch Office~  
OID\*\*3561004455\*\*CA\*30000\*L\*30000\*E\*510~  
S5\*2\*CU\*30000\*L\*30000\*CA\*510\*E~  
L11\*20216014100102\*SI~  
L11\*3561004455\*PO~  
G62\*68\*20160520\*G\*0000\*LT~  
G62\*68\*20160520\*L\*2359\*LT~  
NTE\*ADD\*6~  
N1\*ST\*CEDAR GROVE\*93\*028787\_0101~  
N3\*903 GROSSMAN STREET~  
N4\*SCHOFIELD\*WI\*54476-6103\*US~  
OID\*\*3561004455\*\*CA\*30000\*L\*30000\*E\*510~  
L3\*30000\*G\*\*\*\*\*51000\*E~  
SE\*32\*22450~  
GE\*1\*17884~  
IEA\*1\*000017884~

## EDI with Kraft Heinz Company

### Response to a Load Tender

**Functional Group ID=GF**

#### ***Introduction:***

This Draft Standard for Trial Use contains the format and establishes the data contents of the Response to a Load Tender Transaction Set (990) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to provide general information relative to a specific shipment. The Response to a Load Tender is used as the response to a Motor Carrier Shipment Information Transaction Set (204) which has been used as a load tender.

	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Loop Repeat</u>	<u>Notes and Comments</u>
Must Use	010	ST	Transaction Set Header	M	1		
Must Use	020	B1	Beginning Segment for Booking or Pick-up/Delivery	M	1		
	030	N9	Reference Identification	O	1		
	035	G62	Date/Time	O	6		
	036	N7	Equipment Details	O	1		
	040	L9	Charge Detail	O	40		
	050	V9	Event Detail	O	10		
	060	K1	Remarks	O	10		
LOOP ID - 0100							999
	065	S5	Stop Off Details	O	1		
	066	N9	Reference Identification	O	10		
	067	G62	Date/Time	O	10		
	068	K1	Remarks	O	10		
Must Use	070	SE	Transaction Set Trailer	M	1		

## EDI with Kraft Heinz Company

**Segment:** **ST** Transaction Set Header  
**Position:** 010  
**Loop:**  
**Level:**  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** To indicate the start of a transaction set and to assign a control number

**Syntax Notes:**

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

**Comments:**

### Data Element Summary

<b>Ref.</b>	<b>Data</b>	<b>Name</b>	<b>Attributes</b>
<b><u>Des.</u></b>	<b><u>Element</u></b>		
ST01	143	Transaction Set Identifier Code <i>Value to be used: 990</i>	M ID 3/3
ST02	329	Transaction Set Control Number <i>Transaction set control number generated by software</i>	M AN 4/9

## EDI with Kraft Heinz Company

**Segment:** **B1** Beginning Segment for Booking or Pick-up/Delivery  
**Position:** 020  
**Loop:**  
**Level:**  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** To transmit identifying numbers, dates, and other basic data relating to the transaction set

**Syntax Notes:**

- Semantic Notes:**
- 1 B101 is the Standard Carrier Alpha Code (SCAC) of the carrier sending the EDI transmission.
  - 2 B103 is the booking date accepted by the carrier.

**Comments:**

### Data Element Summary

<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
<b>B101</b>	<b>140</b>	<b>Standard Carrier Alpha Code</b> <i>SCAC code of carrier responding to the 204</i>	<b>O ID 2/4</b>
<b>B102</b>	<b>145</b>	<b>Shipment Identification Number</b> <i>Unique identifier – Kraft Heinz will use the BOL number transmitted to the carrier in the B204.</i>	<b>M AN 1/30</b>
<b>B103</b>	<b>373</b>	<b>Date</b> <i>Date the response is being sent</i>	<b>O DT 8/8</b>
<b>B104</b>	<b>558</b>	<b>Reservation Action Code</b> <i>A – tender (204) accepted</i> <i>D- tender (204) rejected</i> <i>U- tender update (204) acknowledged</i>	<b>O ID 1/1</b>

This segment will be used to determine if the carrier has accepted or rejected the shipment. If the value A is sent in the reservation code, the acceptance should process. If the value D is sent, the rejection should process. If the value U is sent, the carrier is only acknowledging they have received the updated 204.

## EDI with Kraft Heinz Company

**Segment:** **N9** **Reference Identification**  
**Position:** 030  
**Loop:**  
**Level:**  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** To transmit identifying information as specified by the Reference Identification Qualifier  
**Syntax Notes:**

- 1** At least one of N902 or N903 is required (*for Kraft Heinz, only the N902 is required*).
- 2** If N906 is present, then N905 is required (*neither is required for Kraft Heinz*).

**Semantic Notes:**

- 1** N906 reflects the time zone which the time reflects (N/A *for Kraft Heinz*).
- 2** N907 contains data relating to the value cited in N902 (N/A *for Kraft Heinz*).

**Comments:**

### Data Element Summary

<b>Ref.</b>	<b>Data</b>	<b>Name</b>	<b>Attributes</b>
<b><u>Des.</u></b>	<b><u>Element</u></b>		
<b>N901</b>	<b>128</b>	<b>Reference Identification Qualifier</b> <i>TD to be used for Kraft Heinz</i>	<b>M ID 2/3</b>
<b>N902</b>	<b>127</b>	<b>Reference Identifier</b> <i>Please see list of codes on the following page.</i>	<b>C AN 1/30</b>

## EDI with Kraft Heinz Company

### ***Element 127 – Tender Decline Reason Code***

<b>CDA</b>	Driver Availability
<b>CEA</b>	Carrier Equipment Availability
<b>CMC</b>	Over Tender or Capacity Met
<b>CTA</b>	Trailer Availability
<b>DAR</b>	Delays at Receiver
<b>DAS</b>	Delays at Shipper
<b>ETT</b>	Extended Transit
<b>IMS</b>	Multi-Stop
<b>ITT</b>	Insufficient Transit Time
<b>MTS</b>	Multi-Temp
<b>NAL</b>	Not an Awarded Lane
<b>NIF</b>	No Inbound Freight into Area
<b>NTA</b>	No Team Available
<b>RAA</b>	Receiver Appointment Availability
<b>SAA</b>	Shipper Appointment Availability
<b>SLT</b>	Short Lead Time
<b>UCS</b>	Undesirable Customer
<b>URS</b>	Undesirable Region
<b>WND</b>	Weather or Natural Disaster

## EDI with Kraft Heinz Company

**Segment:** **SE** Transaction Set Trailer  
**Position:** 070  
**Loop:**  
**Level:**  
**Usage:** Mandatory  
**Max Use:** 1  
**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)

**Syntax Notes:**

**Semantic Notes:**

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

### Data Element Summary

<b>Ref.</b>	<b>Data</b>	<b>Name</b>	<b>Attributes</b>
<b><u>Des.</u></b>	<b><u>Element</u></b>		
SE01	96	<b>Number of Included Segments</b> <i>Total number of segments included in a transaction set including ST and SE segments</i>	<b>M N0 1/10</b>
SE02	329	<b>Transaction Set Control Number</b> <i>Same transaction set control number found in the ST02 of this segment</i>	<b>M AN 4/9</b>

***990 Business Example***

**ACCEPTANCE**

ST\*990\*935030002~

B1\*SCAC\*2016722790\*20150622\*A~

N9\*TD\*URS

SE\*3\*935030002~

**DECLINE**

ST\*990\*935030002~

B1\*SCAC\*2016722790\*20150622\*D~

N9\*TD\*URS

SE\*3\*935030002~



# EDI with Kraft Heinz Company

## 214 Transportation Carrier Shipment Status Message

Functional Group ID=**QM**

### Introduction:

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

	<u>Pos.</u> <u>No.</u>	<u>Seg.</u> <u>ID</u>	<u>Name</u>	<u>Req.</u> <u>Des.</u>	<u>Max.Use</u>	<u>Loop</u> <u>Repeat</u>	<u>Notes and</u> <u>Comments</u>
Must Use	010	ST	Transaction Set Header	M	1		
Must Use	020	B10	Beginning Segment for Transportation Carrier Shipment Status Message	M	1		
	030	L11	Business Instructions and Reference Number	O	300		
	035	MAN	Marks and Numbers	O	9999		
	040	K1	Remarks	O	10		
LOOP ID - 0100							10
	050	N1	Name	O	1		
	060	N2	Additional Name Information	O	1		
	070	N3	Address Information	O	2		
	080	N4	Geographic Location	O	1		
	090	G61	Contact	O	1		
	100	G62	Date/Time	O	1		n1
	110	L11	Business Instructions and Reference Number	O	10		
	120	MS3	Interline Information	O	12		
LOOP ID - 0200							999999
	130	LX	Assigned Number	O	1		
LOOP ID - 0205							10
	140	AT7	Shipment Status Details	O	1		
	143	MS1	Equipment, Shipment, or Real Property Location	O	1		
	146	MS2	Equipment or Container Owner and Type	M	1		
	150	L11	Business Instructions and Reference Number	O	10		
	155	MAN	Marks and Numbers	O	9999		
	160	Q7	Lading Exception Code	O	10		
	170	K1	Remarks	O	10		
	180	AT5	Bill of Lading Handling Requirements	O	10		
	200	AT8	Shipment Weight, Packaging and Quantity Data	O	10		
LOOP ID - 0210							999999
	210	CD3	Carton (Package) Detail	O	1		n2
	220	L11	Business Instructions and Reference Number	O	20		
LOOP ID - 0215							10
	230	AT7	Shipment Status Details	O	1		
	233	MS1	Equipment, Shipment, or Real Property Location	O	1		
	236	MS2	Equipment or Container Owner and Type	O	1		

## EDI with Kraft Heinz Company

	240	NM1	Individual or Organizational Name	O	1
	250	Q7	Lading Exception Code	O	10
	260	AT8	Shipment Weight, Packaging and Quantity Data	O	1
	265	MAN	Marks and Numbers	O	9999
	LOOP ID - 0220				999999
	270	N1	Name	O	1
	280	N2	Additional Name Information	O	1
	290	N3	Address Information	O	3
	300	N4	Geographic Location	O	1
	310	L11	Business Instructions and Reference Number	O	10
	LOOP ID - 0230				999999
	320	PRF	Purchase Order Reference	O	1
	LOOP ID - 0231				999999
	330	N1	Name	O	1
	340	N2	Additional Name Information	O	1
	350	N3	Address Information	O	2
	360	N4	Geographic Location	O	1
	370	L11	Business Instructions and Reference Number	O	10
	LOOP ID - 0233				999999
	380	CD3	Carton (Package) Detail	O	1
	390	L11	Business Instructions and Reference Number	M	20
	LOOP ID - 0240				10
	400	AT7	Shipment Status Details	O	1
	402	MS1	Equipment, Shipment, or Real Property Location	O	1
	404	MS2	Equipment or Container Owner and Type	O	1
	405	MAN	Marks and Numbers	O	9999
	LOOP ID - 0250				999999
	410	SPO	Shipment Purchase Order Detail	O	1
	420	SDQ	Destination Quantity	O	10
	LOOP ID - 0260				>1
	423	EFI	Electronic Format Identification	O	1
Must Use	426	BIN	Binary Data	M	1
Must Use	610	SE	Transaction Set Trailer	M	1

### **Transaction Set Notes**

1. Status and appointment dates and times shall not be transmitted in the G62 segment.
2. Loops 0210, 0215 and 0220 shall be used in conjunction with loop 0200 to convey status for small package carrier shipments.

## EDI with Kraft Heinz Company

**Segment:** **ST** Transaction Set Header  
**Position:** 010  
**Loop:**  
**Level:**  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** To indicate the start of a transaction set and to assign a control number

**Syntax Notes:**

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

**Comments:**

### Data Element Summary

<b>Ref.</b>	<b>Data</b>	<b>Name</b>	<b>Attributes</b>
<b><u>Des.</u></b>	<b><u>Element</u></b>		
ST01	143	Transaction Set Identifier Code <i>Value to be used: 214</i>	M ID 3/3
ST02	329	Transaction Set Control Number <i>Transaction set control number generated by software</i>	M AN 4/9

## EDI with Kraft Heinz Company

<b>Segment:</b>	<b>B10 Beginning Segment for Transportation Carrier Shipment Status Message</b>
<b>Position:</b>	020
<b>Loop:</b>	
<b>Level:</b>	
<b>Usage:</b>	Mandatory
<b>Max Use:</b>	1
<b>Purpose:</b>	To transmit identifying numbers and other basic data relating to the transaction set
<b>Syntax Notes:</b>	<ol style="list-style-type: none"> <li>1 At least one of B1001 or B1006 is required.</li> <li>2 Only one of B1001 or B1005 may be present.</li> <li>3 If either B1005 or B1006 is present, then the other is required.</li> </ol>
<b>Semantic Notes:</b>	<ol style="list-style-type: none"> <li>1 B1001 is the carrier assigned reference number.</li> <li>2 B1007 indicates if the reference numbers included in this transmission were transmitted to the carrier via EDI or key entered by the carrier. A "Y" indicates that the carrier received the reference numbers in an EDI transmission; an "N" indicates that the carrier did not receive the reference numbers in an EDI transmission and key entered the data from a shipper-supplied document.</li> </ol>
<b>Comments:</b>	<ol style="list-style-type: none"> <li>1 B1001 is the carrier's PRO (invoice number) that identifies the shipment.</li> <li>2 B1003 is required when used in Transaction Set 214.</li> <li>3 B1006 is the carrier assigned bar code identification or another carrier assigned shipment identification, such as a manifest number.</li> </ol>

### Data Element Summary

<b>Ref.</b>	<b>Data</b>	<b>Name</b>	<b>Attributes</b>
<b>Des.</b>	<b>Element</b>		
<b>B1001</b>	<b>127</b>	<b>Reference Identification</b> <i>Carrier's PRO number</i>	<b>X AN 1/30</b>
<b>B1002</b>	<b>145</b>	<b>Shipment Identification Number</b> <i>BOL sent to the carrier in the B204 (element 145)</i>	<b>O AN 1/30</b>
<b>B1003</b>	<b>140</b>	<b>Standard Carrier Alpha Code</b> <i>SCAC code</i>	<b>M ID 2/4</b>
<b>B1004</b>	<b>71</b>	<b>Inquiry Request Number</b> <i>Not used by Kraft Heinz</i>	<b>O N0 1/3</b>
<b>B1005</b>	<b>128</b>	<b>Reference Identification Qualifier</b> <i>Not used by Kraft Heinz</i>	<b>X ID 2/3</b>
<b>B1006</b>	<b>127</b>	<b>Reference Identification</b> <i>Not used by Kraft Heinz</i>	<b>X AN 1/30</b>

## EDI with Kraft Heinz Company

### Data Element Summary

<b>Ref.</b>	<b>Data</b>		
<b><u>Des.</u></b>	<b><u>Element</u></b>	<b><u>Name</u></b>	<b><u>Attributes</u></b>
<b>B1007</b>	<b>1073</b>	<b>Yes/No Condition or Response Code</b> <i>Not used by Kraft Heinz</i>	<b>O ID 1/1</b>

The information sent in this segment will be used to apply the status to the correct shipment. The carrier will send us the PRO number for the shipment, the BOL that was sent, and the SCAC code.

The system will look for the BOL to ensure the shipment exists. If it does, it will continue to look for the stop off information. If not, the transmission will error out.

## EDI with Kraft Heinz Company

**Segment:** **K1** Remarks  
**Position:** 040  
**Loop:**  
**Level:**  
**Usage:** Optional  
**Max Use:** 10  
**Purpose:** To transmit information in a free-form format for comment or special instruction

**Syntax Notes:**  
**Semantic Notes:**  
**Comments:**

### Data Element Summary

<b>Ref.</b>	<b>Data</b>	<b>Name</b>	<b>Attributes</b>
<b><u>Des.</u></b>	<b><u>Element</u></b>		
<b>K101</b>	<b>61</b>	<b>Free-Form Message</b> <i>Free-form information</i>	<b>M AN 1/30</b>
<b>K102</b>	<b>61</b>	<b>Free-Form Message</b> <i>Free-form information</i>	<b>O AN 1/30</b>

This segment will be used if the carrier is providing any information back. It will be mapped to the comments associated with the status.

## EDI with Kraft Heinz Company

**Segment:** **LX** Assigned Number  
**Position:** 130  
**Loop:** 0200 Optional  
**Level:**  
**Usage:** Optional  
**Max Use:** 1  
**Purpose:** To reference a line number in a transaction set  
**Syntax Notes:**  
**Semantic Notes:**  
**Comments:**

### Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
<u>Des.</u>	<u>Element</u>		
<b>LX01</b>	<b>554</b>	<b>Assigned Number</b>	<b>M N0 1/6</b>
		<i>Number assigned to the unique occurrences of status related to the stop off</i>	

This segment is used as a counter for EDI purposes only.

## EDI with Kraft Heinz Company

**Segment:** **AT7** **Shipment Status Details**  
**Position:** 140  
**Loop:** 0205 Optional per ASCII, Mandatory per Kraft Heinz  
**Level:**  
**Usage:** Optional per ASCII, Mandatory per Kraft Heinz  
**Max Use:** 1  
**Purpose:** To specify the status of a shipment, the reason for that status, the date and time of the status and the date and time of any appointments scheduled.

### Syntax Notes:

- 1 Only one of AT701 or AT703 may be present.
- 2 If either AT701 or AT702 is present, then the other is required.
- 3 If either AT703 or AT704 is present, then the other is required.
- 4 If AT706 is present, then AT705 is required.
- 5 If AT707 is present, then AT706 is required.

### Semantic Notes:

1. If AT701 is present, AT705 is the date the status occurred.  
If AT703 is present, AT705 is a date related to an appointment. If AT701 is present, AT706 is the time of the status. If AT703 is present, AT706 is the time of the appointment.
2. If AT707 is not present then AT706 represents local time of the status.

### Comments:

### Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
<u>Des.</u>	<u>Element</u>		
AT701	1650	<b>Shipment Status Code</b> <i>Used for arrival/departure status</i> X2 - Estimated Time of Arrival (not used by Kraft Heinz) X3 - Arrived at pickup AF - Departed pickup location with shipment X1 - Arrived at delivery/stop off location CD - Departed delivery/stop off location	<b>X ID 2/2</b>
AT702	1651	<b>Shipment Status or Appointment Reason Code</b> <i>The value of the reason code will be NS if the actual time does not differ from the appointment. See the table (following) for valid codes.</i>	<b>X ID 2/2</b>
AT703	1652	<b>Shipment Appointment Status Code</b> <i>Used for pickup/delivery appointment</i> AA - Pickup appointment AB - Delivery/Stop off appointment	<b>X ID 2/2</b>
AT704	1651	<b>Shipment Status or Appointment Reason Code</b> <i>The value of the reason code will be NA if the actual time does not</i>	<b>X ID 2/2</b>



## EDI with Kraft Heinz Company

<i>differ from the appointment. See the table below for valid codes.</i>		
<b>AT705</b>	<b>373</b>	<b>Date</b> <b>X DT 8/8</b>
		<i>Actual Date of the Event</i>
<b>AT706</b>	<b>337</b>	<b>Time</b> <b>X TM 4/8</b>
		<i>Actual Time (Local) of the event expressed in 24-hour clock time as follows: HHMM where H = hours (00-23), M = minutes (00-59)</i>
<b>AT707</b>	<b>623</b>	<b>Time Code</b> <b>O ID 2/2</b>
		<i>LT – local time (all times should be transmitted as LOCAL times)</i>

This segment is the main status segment where most of the critical information is contained. When the carrier sends in an X3 or AF value in the AT701, the status should be mapped to the first pickup location (stop 01 in our current system). When the carrier sends in an X1 or a CD, the status should be mapped to the final delivery stop off (stop 02 in our current system).

The AT702 (for the X3, AF, X1, and CD) is required. If the shipment is arriving on time, the value will be “NS”. If the carrier is arriving or departing late, use a late code which best describes the reason. See Reason codes below.

The AT703 (for the AA and AB) relates to the appointment status. When the carrier sends in an AA, the appointment will be applied to the first pickup location only (stop 01 in our current system). When the carrier sends in an AB, the appointment will be applied to the final delivery stop off (stop 02 in our current system only).

The AT704 is required (for the AA and AB). If the shipment is arriving on time, the value will be “NA.” If the carrier is planning to arrive or depart late, use a late code which best describes the reason. See Reason Codes.

If AT707 is not present, then AT706 represents the local time of the status.

## MS2 Equipment or Container Owner and Type

### Data Element Summary

#### MS2 for vehicle trailer number for shipments

Ref. Des.	Element ID	Name
MS2 (01) Mandatory	140	Standard Carrier Alpha code -
MS2 (02) Mandatory	207	Equipment (Trailer) Number -
MS2 (03)	40	Equipment Description Code (Optional)
MS2 (04) (Optional)	761	Equipment Number Check Digit
MS2 (05)		Filler – (Optional)

#### Example

AT7

MS2\*SCAC\*EquipNBR\*\*\*~

L11

## EDI with Kraft Heinz Company

### ***Element 1651 – Shipment Status or Appointment Reason Code***

<b>AD</b>	Customer Requested Future Delivery
<b>AH</b>	Driver Related
<b>AI</b>	Mechanical Breakdown
<b>AJ</b>	Rail delayed
<b>AL</b>	Previous Stop
<b>AO</b>	Weather or Natural Disaster
<b>AS</b>	Hold Due to Customs Inspection
<b>AX</b>	Insufficient or no Pick Up Time
<b>B1</b>	Consignee Closed/Holiday
<b>BQ</b>	Shipment Overweight
<b>BS</b>	Refused by Customer
<b>NA</b>	Normal Appointment
<b>NS</b>	Normal Status
<b>P3</b>	Shipper Loaded Late
<b>T3</b>	Tractor/Trailer Not Available
<b>T7</b>	Insufficient Delivery Time

## EDI with Kraft Heinz Company

**Segment:** **L11** Business Instructions and Reference Number  
**Position:** 150  
**Loop:** 0200 Mandatory  
**Level:**  
**Usage:** Mandatory  
**Max Use:** 10  
**Purpose:** To specify instructions in this business relationship or a reference number

**Syntax Notes:** **1** At least one of L1101 or L1103 is required.  
**2** If either L1101 or L1102 is present, then the other is required.

**Semantic Notes:**

**Comments:** *The carrier is REQUIRED to send an L1101 referencing each intermediate stop off.*  
*If the Carrier FAILS to send this segment, the status will NOT apply*

### Data Element Summary

Ref.	Data		
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
L1101	127	<b>Reference Identification</b>	<b>X AN 1/30</b>
		<i>SID – sent to carrier in 204, L11 segment, loop 300, element 01.</i>	
L1102	128	<b>Reference Identification Qualifier</b>	<b>X ID 2/3</b>
		<i>SI – Shipment Number</i>	
L1103	352	<b>Description</b>	<b>X AN 1/80</b>
		Description - Appointment confirmation number from customer	

This data is used to match the status with the appropriate stop within the software. The carrier must send this segment with the reference number sent to them in the 204 L11 loop 300, element 01. This reference number can be sent with each and every AT7, but does not have to.

## EDI with Kraft Heinz Company

**Segment:** **SE** Transaction Set Trailer  
**Position:** 610  
**Loop:**  
**Level:**  
**Usage:** Mandatory  
**Max Use:** 1  
**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)

**Syntax Notes:**

**Semantic Notes:**

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

### Data Element Summary

<b>Ref.</b>	<b>Data</b>	<b>Name</b>	<b>Attributes</b>
<b><u>Des.</u></b>	<b><u>Element</u></b>		
SE01	96	<b>Number of Included Segments</b> <i>Total number of segments included in a transaction set including ST and SE segments</i>	<b>M N0 1/10</b>
SE02	329	<b>Transaction Set Control Number</b> <i>Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set</i>	<b>M AN 4/9</b>

## EDI with Kraft Heinz Company

### *214 Business Example*

B10\*1962072\*2016722790\*SCAC~

LX\*1~

AT7\*\*\*AA\*NA\*20150629\*1100\*LT~ Pickup appointment

L11\*20167227900101\*SI~ Stop 0101

B10\*1962072\*2016722790\*SCAC~

LX\*1~

AT7\*X3\*NS\*\*\*20150629\*0702\*LT~ Arrival at pickup location

MS2\*SCAC\*EquipmentNumber ~

L11\*20167227900101\*SI~ Stop 0101

B10\*1962072\*2016722790\*SCAC~

LX\*1~

AT7\*AF\*NS\*\*\*20150629\*1131\*LT~ Departure from pickup location

MS2\*SCAC\*EquipmentNumber ~

L11\*20167227900101\*SI~ Stop 0101

B10\*1962072\*2016722790\*SCAC~

LX\*1~

AT7\*\*\*AB\*NA\*20150630\*1430\*LT~ Delivery appointment

L11\*20167227900102\*SI~ Stop 0102 (send one for each stop; e.g., 0103, etc.)

B10\*1962072\*2016722790\*SCAC~

LX\*1~

AT7\*X1\*NS\*\*\*20150630\*0800\*LT~ Arrive at delivery location

MS2\*SCAC\*EquipmentNumber ~

L11\*20167227900102\*SI~ Stop 0102 (send one for each stop; e.g., 0103, etc.)

B10\*1962072\*2016722790\*SCAC~

LX\*1~

AT7\*CD\*NS\*\*\*20150630\*0932\*LT~ Departure from pickup location

MS2\*SCAC\*EquipmentNumber ~

L11\*20167227900102\*SI~ Stop 0102 (send one for each stop; e.g., 0103, etc.)

## 997 Functional Acknowledgment

Functional Group ID=**FA**

### Introduction:

This Draft Standard for Trial Use contains the format and establishes the data contents of the Functional Acknowledgment Transaction Set (997) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to define the control structures for a set of acknowledgments to indicate the results of the syntactical analysis of the electronically encoded documents. The encoded documents are the transaction sets, which are grouped in functional groups, used in defining transactions for business data interchange. This standard does not cover the semantic meaning of the information encoded in the transaction sets.

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
Must Use	010	ST	Transaction Set Header	M	1		n1
Must Use	020	AK1	Functional Group Response Header	M	1		n2
			LOOP ID - AK2			999999	
	030	AK2	Transaction Set Response Header	O	1		n3
			LOOP ID - AK3			999999	
	040	AK3	Data Segment Note	O	1		c1
	050	AK4	Data Element Note	O	99		
Must Use	060	AK5	Transaction Set Response Trailer	M	1		
Must Use	070	AK9	Functional Group Response Trailer	M	1		
Must Use	080	SE	Transaction Set Trailer	M	1		

### Transaction Set Notes

1. These acknowledgments shall not be acknowledged, thereby preventing an endless cycle of acknowledgments of acknowledgments. Nor shall a Functional Acknowledgment be sent to report errors in a previous Functional Acknowledgment.

The Functional Group Header Segment (GS) is used to start the envelope for the Functional Acknowledgment Transaction Sets. In preparing the functional group of acknowledgments, the application sender's code and the application receiver's code, taken from the functional group being acknowledged, are exchanged; therefore, one acknowledgment functional group responds to only those functional groups from one application receiver's code to one application sender's code.

There is only one Functional Acknowledgment Transaction Set per acknowledged functional group.

2. AK1 is used to respond to the functional group header and to start the acknowledgement for a functional group. There shall be one AK1 segment for the functional group that is being acknowledged.
3. AK2 is used to start the acknowledgement of a transaction set within the received functional group. The AK2 segments shall appear in the same order as the

## EDI with Kraft Heinz Company

transaction sets in the functional group that has been received and is being acknowledged.

### ***Transaction Set Comments***

1. The data segments of this standard are used to report the results of the syntactical analysis of the functional groups of transaction sets; they report the extent to which the syntax complies with the standards for transaction sets and functional groups. They do not report on the semantic meaning of the transaction sets (for example, on the ability of the receiver to comply with the request of the sender).



## EDI with Kraft Heinz Company

**Segment:** **ST** Transaction Set Header  
**Position:** 010  
**Loop:**  
**Level:**  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** To indicate the start of a transaction set and to assign a control number

**Syntax Notes:**

**Semantic Notes:** 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).

**Comments:**

### Data Element Summary

<b>Ref.</b>	<b>Data</b>	<b>Name</b>	<b>Attributes</b>
<b><u>Des.</u></b>	<b><u>Element</u></b>		
<b>ST01</b>	<b>143</b>	<b>Transaction Set Identifier Code</b> Code uniquely identifying a Transaction Set Refer to 004010 Data Element Dictionary for acceptable code values.	<b>M ID 3/3</b>
<b>ST02</b>	<b>329</b>	<b>Transaction Set Control Number</b> Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	<b>M AN 4/9</b>

## EDI with Kraft Heinz Company

**Segment:** **AK1** Functional Group Response Header  
**Position:** 020  
**Loop:**  
**Level:**  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** To start acknowledgment of a functional group  
**Syntax Notes:**  
**Semantic Notes:**  
**1** AK101 is the functional ID found in the GS segment (GS01) in the functional group being acknowledged.  
**2** AK102 is the functional group control number found in the GS segment in the functional group being acknowledged.  
**Comments:**

### Data Element Summary

<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
AK101	479	<b>Functional Identifier Code</b> Code identifying a group of application related transaction sets Refer to 004010 Data Element Dictionary for acceptable code values.	<b>M ID 2/2</b>
AK102	28	<b>Group Control Number</b> Assigned number originated and maintained by the sender	<b>M N0 1/9</b>

## EDI with Kraft Heinz Company

**Segment:** **AK2** Transaction Set Response Header  
**Position:** 030  
**Loop:** AK2 Optional  
**Level:**  
**Usage:** Optional  
**Max Use:** 1  
**Purpose:** To start acknowledgment of a single transaction set  
**Syntax Notes:**  
**Semantic Notes:**  
**1** AK201 is the transaction set ID found in the ST segment (ST01) in the transaction set being acknowledged.  
**2** AK202 is the transaction set control number found in the ST segment in the transaction set being acknowledged.  
**Comments:**

### Data Element Summary

<b>Ref.</b>	<b>Data</b>	<b>Name</b>	<b>Attributes</b>
<b><u>Des.</u></b>	<b><u>Element</u></b>		
<b>AK201</b>	<b>143</b>	<b>Transaction Set Identifier Code</b> Code uniquely identifying a Transaction Set Refer to 004010 Data Element Dictionary for acceptable code values.	<b>M ID 3/3</b>
<b>AK202</b>	<b>329</b>	<b>Transaction Set Control Number</b> Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	<b>M AN 4/9</b>

## EDI with Kraft Heinz Company

**Segment:** **AK3** Data Segment Note  
**Position:** 040  
**Loop:** AK3 Optional  
**Level:**  
**Usage:** Optional  
**Max Use:** 1  
**Purpose:** To report errors in a data segment and identify the location of the data segment

**Syntax Notes:**  
**Semantic Notes:**  
**Comments:**

### Data Element Summary

<b>Ref.</b>	<b>Data</b>	<b>Name</b>	<b>Attributes</b>
<b><u>Des.</u></b>	<b><u>Element</u></b>		
<b>AK301</b>	<b>721</b>	<b>Segment ID Code</b> Code defining the segment ID of the data segment in error (See Appendix A - Number 77)	<b>M ID 2/3</b>
<b>AK302</b>	<b>719</b>	<b>Segment Position in Transaction Set</b> The numerical count position of this data segment from the start of the transaction set: the transaction set header is count position 1	<b>M N0 1/6</b>
<b>AK303</b>	<b>447</b>	<b>Loop Identifier Code</b> The loop ID number given on the transaction set diagram is the value for this data element in segments LS and LE	<b>O AN 1/6</b>
<b>AK304</b>	<b>720</b>	<b>Segment Syntax Error Code</b> Code indicating error found based on the syntax editing of a segment Refer to 004010 Data Element Dictionary for acceptable code values.	<b>O ID 1/3</b>

## EDI with Kraft Heinz Company

**Segment:** **AK4** Data Element Note  
**Position:** 050  
**Loop:** AK3 Optional  
**Level:**  
**Usage:** Optional  
**Max Use:** 99  
**Purpose:** To report errors in a data element or composite data structure and identify the location of the data element

**Syntax Notes:**

**Semantic Notes:** 1 In no case shall a value be used for AK404 that would generate a syntax error, e.g., an invalid character.

**Comments:**

### Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
<u>Des.</u>	<u>Element</u>		
AK401	C030	<b>Position in Segment</b>	<b>M</b>
		Code indicating the relative position of a simple data element, or the relative position of a composite data structure combined with the relative position of the component data element within the composite data structure, in error; the count starts with 1 for the simple data element or composite data structure immediately following the segment ID	
C03001	722	<b>Element Position in Segment</b>	<b>M N0 1/2</b>
		This is used to indicate the relative position of a simple data element, or the relative position of a composite data structure with the relative position of the component within the composite data structure, in error; in the data segment the count starts with 1 for the simple data element or composite data structure immediately following the segment ID	
C03002	1528	<b>Component Data Element Position in Composite</b>	<b>O N0 1/2</b>
		To identify the component data element position within the composite that is in error	
AK402	725	<b>Data Element Reference Number</b>	<b>O N0 1/4</b>
		Reference number used to locate the data element in the Data Element Dictionary	
AK403	723	<b>Data Element Syntax Error Code</b>	<b>M ID 1/3</b>
		Code indicating the error found after syntax edits of a data element Refer to 004010 Data Element Dictionary for acceptable code values.	
AK404	724	<b>Copy of Bad Data Element</b>	<b>O AN 1/99</b>
		This is a copy of the data element in error	

## EDI with Kraft Heinz Company

**Segment:** **AK5** Transaction Set Response Trailer  
**Position:** 060  
**Loop:** AK2 Optional  
**Level:**  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** To acknowledge acceptance or rejection and report errors in a transaction set

**Syntax Notes:**  
**Semantic Notes:**  
**Comments:**

### Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
<u>Des.</u>	<u>Element</u>		
AK501	717	<b>Transaction Set Acknowledgment Code</b> Code indicating accept or reject condition based on the syntax editing of the transaction set Refer to 004010 Data Element Dictionary for acceptable code values.	<b>M ID 1/1</b>
AK502	718	<b>Transaction Set Syntax Error Code</b> Code indicating error found based on the syntax editing of a transaction set Refer to 004010 Data Element Dictionary for acceptable code values.	<b>O ID 1/3</b>
AK503	718	<b>Transaction Set Syntax Error Code</b> Code indicating error found based on the syntax editing of a transaction set Refer to 004010 Data Element Dictionary for acceptable code values.	<b>O ID 1/3</b>
AK504	718	<b>Transaction Set Syntax Error Code</b> Code indicating error found based on the syntax editing of a transaction set Refer to 004010 Data Element Dictionary for acceptable code values.	<b>O ID 1/3</b>
AK505	718	<b>Transaction Set Syntax Error Code</b> Code indicating error found based on the syntax editing of a transaction set Refer to 004010 Data Element Dictionary for acceptable code values.	<b>O ID 1/3</b>
AK506	718	<b>Transaction Set Syntax Error Code</b> Code indicating error found based on the syntax editing of a transaction set Refer to 004010 Data Element Dictionary for acceptable code values.	<b>O ID 1/3</b>

## EDI with Kraft Heinz Company

**Segment:** **AK9 Functional Group Response Trailer**  
**Position:** 070  
**Loop:**  
**Level:**  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** To acknowledge acceptance or rejection of a functional group and report the number of included transaction sets from the original trailer, the accepted sets, and the received sets in this functional group

**Syntax Notes:**

**Semantic Notes:**

**Comments:** 1 If AK901 contains the value "A" or "E", then the transmitted functional group is accepted.

### Data Element Summary

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
<u>Des.</u>	<u>Element</u>		
AK901	715	<b>Functional Group Acknowledge Code</b> Code indicating accept or reject condition based on the syntax editing of the functional group Refer to 004010 Data Element Dictionary for acceptable code values.	<b>M ID 1/1</b>
AK902	97	<b>Number of Transaction Sets Included</b> Total number of transaction sets included in the functional group or interchange (transmission) group terminated by the trailer containing this data element	<b>M N0 1/6</b>
AK903	123	<b>Number of Received Transaction Sets</b> Number of Transaction Sets received	<b>M N0 1/6</b>
AK904	2	<b>Number of Accepted Transaction Sets</b> Number of accepted Transaction Sets in a Functional Group	<b>M N0 1/6</b>
AK905	716	<b>Functional Group Syntax Error Code</b> Code indicating error found based on the syntax editing of the functional group header and/or trailer Refer to 004010 Data Element Dictionary for acceptable code values.	<b>O ID 1/3</b>
AK906	716	<b>Functional Group Syntax Error Code</b> Code indicating error found based on the syntax editing of the functional group header and/or trailer Refer to 004010 Data Element Dictionary for acceptable code values.	<b>O ID 1/3</b>
AK907	716	<b>Functional Group Syntax Error Code</b> Code indicating error found based on the syntax editing of the functional group header and/or trailer Refer to 004010 Data Element Dictionary for acceptable code	<b>O ID 1/3</b>

## EDI with Kraft Heinz Company

<b>AK908</b>	<b>716</b>	values.	<b>O ID 1/3</b>
		<b>Functional Group Syntax Error Code</b> Code indicating error found based on the syntax editing of the functional group header and/or trailer Refer to 004010 Data Element Dictionary for acceptable code values.	
<b>AK909</b>	<b>716</b>	values.	<b>O ID 1/3</b>
		<b>Functional Group Syntax Error Code</b> Code indicating error found based on the syntax editing of the functional group header and/or trailer Refer to 004010 Data Element Dictionary for acceptable code values.	



## EDI with Kraft Heinz Company

**Segment:** **SE** Transaction Set Trailer  
**Position:** 080  
**Loop:**  
**Level:**  
**Usage:** Mandatory  
**Max Use:** 1  
**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)

**Syntax Notes:**

**Semantic Notes:**

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

### Data Element Summary

<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
SE01	96	<b>Number of Included Segments</b> Total number of segments included in a transaction set including ST and SE segments	<b>M N0 1/10</b>
SE02	329	<b>Transaction Set Control Number</b> Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	<b>M AN 4/9</b>

## EDI with Kraft Heinz Company

### 997 Business Example

ST\*997\*000000008.  
AK1\*IM\*1269.  
AK9\*A\*5\*5\*5\*\*\*\*\*.  
AK9\*A\*6\*6\*6\*\*\*\*\*.  
SE\*5\*000000008.

## EDI with Kraft Heinz Company

### EDI Parallel Testing

Below is a short summary on Kraft Heinz Company EDI policy on status updates, the valid status codes utilized by Kraft Heinz Company, and the parallel testing procedures and requirements. The parallel testing phase will consist of a 204 being sent to the trading partner. Each specific test along with the status requirements are also listed below. In the parallel testing phase we will focus primarily on sending and receiving the proper data or segments. Once the trading partner has completed testing and Kraft Heinz Company initiates the 'GO LIVE' date, it is up to the trading partner to adhere to Kraft Heinz Company EDI policy on status updates.

### EDI Policy

- **DAY LOAD IS TENDERED.** On the day the load has been tendered, Kraft Heinz Company requires the carrier to send us one 990 and two 214's (AA and AB). The schedule and valid status codes are:
  - **990 Carriers Acknowledgment.** Kraft Heinz requires the carrier respond to the tendered load within **two hours**. The valid status codes for the acknowledgment are **A** for the acceptance or **D** for the rejection of the tendered load. A **D** will require a reason code to be sent in the N9 segment.
  - **214 Carriers scheduled pick-up and delivery.** Kraft Heinz requires the carrier to send the scheduled pick-up and delivery appointments (AA and AB) within **two hours of carrier's 990**. The valid status code for the scheduled pick-up at the Kraft Heinz location is **AA** and the valid status code for the scheduled delivery at the customer is **AB**.
- **\*\*\*Remember: for every stop-off delivery there must be a 214 for each delivery. The pickup, 1st stop (0101), will always be at the Kraft Heinz loading facility.**
- **DAY LOAD SHIPPED.** On the day the carrier picks up the load at the Kraft Heinz facility, Kraft Heinz requires the carrier to send us two 214's (X3 and AF). The schedule and valid status codes are:
  - **214 Carriers actual arrival and departure at Kraft Heinz facility.** Kraft Heinz requires the carrier to send the actual arrival and departure times at the Kraft Heinz facility within **two hours** after the **actual departure** from the Kraft Heinz facility. The valid status code for the actual arrival at the Kraft Heinz facility is **X3** and the valid status code for the actual departure from the Kraft Heinz facility is **AF**. The valid status code for the actual arrival at the delivery location is **X1** and the actual departure is **CD**.
- **DAY LOAD DELIVERED.** On the day the carrier delivers the load to the customer, Kraft Heinz requires the carrier to send two 214's (X1 and CD). If the

## EDI with Kraft Heinz Company

load has a multiple stop-off, the carrier must send two 214's (X1 and CD) for every stop-off.

The schedule and valid status codes are:

- **214 Carriers actual arrival and departure at Customer.**  
Kraft Heinz requires the carrier to send the actual arrival time for each Customer within **two hours** after the **actual arrival** to each Customer and the actual departure time for each Customer within **two hours** after the actual departure from each Customer. The valid status code for the actual arrival at the Kraft Heinz facility is **X3** and the valid status code for the actual departure from the Kraft Heinz facility is **AF**. The valid status code for the actual arrival at the delivery location is **X1** and the actual departure is **CD**.

### *Parallel Testing*

- **TEST 1.** Kraft Heinz will send a three-stop shipment to the carrier providing them with an email at the time of transmission. Kraft Heinz will require the carrier to respond by accepting the shipment and sending the statuses in their proper sequences. The status requirements for Test 1 are listed below.
  - **A** - to accept the load tendered
  - **AA** - to provide Kraft Heinz with the scheduled pick-up appointment
  - **AB** - to provide Kraft Heinz with the scheduled delivery Appointment (x2 with stops 0102 and 0103)
  - **X3** - to provide Kraft with the actual arrival at the Kraft Heinz facility
  - **AF** - to provide Kraft Heinz with the actual departure from the Kraft Heinz facility
  - **X1** - to provide Kraft Heinz with the actual arrival at the customer (x2 with stops 0102 and 0103)
  - **CD** - to provide Kraft Heinz with the actual departure from the customer (x2 with stops 0102 and 0103)
- **TEST 2.** Same as Test 1 if required by carrier

You have now completed the parallel testing with Kraft Heinz Company. You will be scheduled to perform live EDI transmissions and your statuses will be monitored over the next couple of weeks.

## EDI with Kraft Heinz Company

### Appendix: EDI Information

#### *Segments and Elements in EDI Data*

##### ISA Envelope

01	02	03	04	05	06	07	08	09
ISA	*00*	*00*		*02*	ARIE	*01*	001339035	CICS
		10	11	12	13	14	15	
		*990330*0933*U*00303*000000537*0*P*:						

##### GS (Function Group)

01	02	03	04	05	06	07	08
GS	*QM*	ARIE	*7086462438	*990330	*0933	*537	*X*003060
		ST*214*5370001					

##### Transaction Set

Segments

B10\*0292571\*90325003580102\*ARIE  
N9\*CN\*0292571  
K1\*NO DRIVER AVAILABLE  
LX\*1  
Q5\*AD\*990331\*0500LT\*A33\*CLAYTON\*NC

SE\*7\*5370001

GE\*1\*537

IEA\*1\*000000537

Elements

Each element in a segment is numbered. The GS-03, for example, is 7086462438.

#### **Some Keys to EDI data:**

1. For ISA and GS: The order is always Sender/Receiver. Elements 5 and 6 identify the sender on the ISA. Elements 7 and 8 identify the receiver on the ISA.
2. Each Transaction must begin with ST\*nnn, where nnn=numeric reference to EDI Transaction Set  
Key Transportation Transaction Sets: 204, 214, 990, and 210
3. Segments have elements, the meaning of which is found in the EDI standards documentation.

#### **Key values for Kraft Heinz LCC/Transportation EDI**

**Sender ID     001339035CICS**

**GS code       7086462438**

## EDI with Kraft Heinz Company

### ***What is Electronic Data Interchange (EDI)?***

EDI is the computer-to-computer exchange of business documents, between companies, using a public standard format.

Companies create the business document according to their own internal processes and specifications, translate the documents into EDI data, and transmit that data to their trading partner.

EDI terminology

Standards	Rules for Formatting (Grammar)	ANSI-12 used by Kraft Heinz
Elements	Units of Information (Words)	
Segments	Line of Information (Sentence)	
Transactions	Business Documents (Page)	e.g., 204, 990 and 214

Here's an example of EDI data received at Kraft Heinz

```
ISA*00*          *00*    *02*ARIE      *01*001339035CICS  *990330*093
3*U*00303*000000537*0*P*: GS*QM*  ARIE*7086462438*990330*0933*537*X*003060 ST*214*
5370001 B10*0292571*90325003580102*ARIE N9*CN*0292571 K1*NO DRIVER AVAILABLE LX*
1 Q5*AD*990331*0500LT*A33*CLAYTON*NC SE*7*5370001 GE*1*537 IEA*1*000000537
```

Here's the same data formatted into user-friendly EDI categories.

```
ISA*00*          *00*    *02*ARIE      *01*001339035CICS  *990330  *0933*U*000000537*0*P*:
  GS*QM*  ARIE*7086462438*990330*0933*537*X*003060
    ST*214*5370001
      B10*0292571*90325003580102*ARIE
      N9*CN*0292571
      K1*NO DRIVER AVAILABLE
      LX*1
      Q5*AD*990331*0500LT*A33*CLAYTON*NC
      SE*7*5370001
      GE*1*537
    IEA*1*000000537
```

The first and last lines form the Communication Envelope (Mailing Envelope)

Begins ISA\* Ends with IEA\*

Identifies the sender, the receiver, date, and provides a control number

The second and next to last line form the Functional Group (Document Envelope)

Begins with GS\* Ends with GE\*

Identifies type of transaction, sending application, receiving application, date, time

Provides a transaction count, a control number and identifies the standard used

The interior lines form the Transaction Set.

Begins with ST\* ends with SE\*

ST\*210 Identifies Transaction Number in EDI standards