

KGP Telecommunications

VERSION: 1.0 DRAFT

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810**Invoice****Functional Group=IN**

This Draft Standard for Trial Use contains the format and establishes the data contents of the Invoice Transaction Set (810) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to provide for customary and established business and industry practice relative to the billing for goods and services provided.

Heading:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
010	ST	Transaction Set Header	M	1			Must use
020	BIG	Beginning Segment for Invoice	M	1			Must use

LOOP ID - N1**200**

070	N1	Name	O	1			Used
080	N2	Additional Name Information	O	2			Used
090	N3	Address Information	O	2			Used
100	N4	Geographic Location	O	1			Used
130	ITD	Terms of Sale/Deferred Terms of Sale	O	>1			Used
140	DTM	Date/Time Reference	O	10			Used

Detail:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
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LOOP ID - IT1**200000**

010	IT1	Baseline Item Data (Invoice)	O	1			Used
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LOOP ID - PID**1000**

060	PID	Product/Item Description	O	1			Used
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Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
010	TDS	Total Monetary Value Summary	M	1			Must use
030	CAD	Carrier Detail	O	1			Used

LOOP ID - SAC**25**

040	SAC	Service, Promotion, Allowance, or Charge Information	O	1			Used
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LOOP ID - ISS**>1**

060	ISS	Invoice Shipment Summary	O	1			Used
070	CTT	Transaction Totals	O	1		N3/070	Used
080	SE	Transaction Set Trailer	M	1			Must use

Notes:

3/070 Number of line items (CTT01) is the accumulation of the number of IT1 segments. If used, hash total (CTT02) is the sum of the value of quantities invoiced (IT102) for each IT1 segment.

ST**Transaction Set Header**

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

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

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>				
ST01	143	Transaction Set Identifier Code Description: Code uniquely identifying a Transaction Set	M	ID	3/3	Must use				
		<table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>810</td> <td>Invoice</td> </tr> </tbody> </table>	<u>Code</u>	<u>Name</u>	810	Invoice				
<u>Code</u>	<u>Name</u>									
810	Invoice									
ST02	329	Transaction Set Control Number Description: Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	M	AN	4/9	Must use				

Semantics:

- 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).

BIG**Beginning Segment for Invoice**

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

To indicate the beginning of an invoice transaction set and transmit identifying numbers and dates

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
BIG01	373	Date Description: Date expressed as CCYYYYMMDD	M	DT	8/8	Must use
BIG02	76	Invoice Number Description: Identifying number assigned by issuer	M	AN	1/22	Must use
BIG03	373	Date Description: Date expressed as CCYYYYMMDD	O	DT	8/8	Used
BIG04	324	Purchase Order Number Description: Identifying number for Purchase Order assigned by the orderer/purchaser	O	AN	1/22	Used

Semantics:

1. BIG01 is the invoice issue date.
2. BIG03 is the date assigned by the purchaser to purchase order.
3. BIG10 indicates the consolidated invoice number. When BIG07 contains code CI, BIG10 is not used.

Comments:

1. BIG07 is used only to further define the type of invoice when needed.

N1**Name**

Pos: 070	Max: 1
Heading - Optional	
Loop: N1	Elements: 4

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

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>								
N101	98	Entity Identifier Code Description: Code identifying an organizational entity, a physical location, property or an individual	M	ID	2/3	Must use								
		<table border="0"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>BT</td> <td>Bill-to-Party</td> </tr> <tr> <td>RE</td> <td>Party to receive commercial invoice remittance</td> </tr> <tr> <td>ST</td> <td>Ship To</td> </tr> </tbody> </table>	<u>Code</u>	<u>Name</u>	BT	Bill-to-Party	RE	Party to receive commercial invoice remittance	ST	Ship To				
<u>Code</u>	<u>Name</u>													
BT	Bill-to-Party													
RE	Party to receive commercial invoice remittance													
ST	Ship To													
N102	93	Name Description: Free-form name	C	AN	1/60	Used								
N103	66	Identification Code Qualifier Description: Code designating the system/method of code structure used for Identification Code (67)	C	ID	1/2	Used								
N104	67	Identification Code Description: Code identifying a party or other code	C	AN	2/80	Used								

Syntax:

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

Comments:

1. This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
2. N105 and N106 further define the type of entity in N101.

User Note 1:

KGP requires the full addresses for the Ship-to and Remit-to.

N2

Additional Name Information

Pos: 080	Max: 2
Heading - Optional	
Loop: N1	Elements: 1

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

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
N201	93	Name Description: Free-form name	M	AN	1/60	Must use

N3

Address Information

Pos: 090	Max: 2
Heading - Optional	
Loop: N1	Elements: 1

To specify the location of the named party

Element Summary:

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

N4

Geographic Location

Pos: 100	Max: 1
Heading - Optional	
Loop: N1	Elements: 3

To specify the geographic place of the named party

Element Summary:

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

Syntax:

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

Comments:

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

ITD**Terms of Sale/Deferred Terms of Sale**

Pos: 130	Max: >1
Heading - Optional	
Loop: N/A	Elements: 8

To specify terms of sale

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
ITD01	336	Terms Type Code Description: Code identifying type of payment terms	O	ID	2/2	Used
ITD02	333	Terms Basis Date Code Description: Code identifying the beginning of the terms period	O	ID	1/2	Used
ITD03	338	Terms Discount Percent Description: Terms discount percentage, expressed as a percent, available to the purchaser if an invoice is paid on or before the Terms Discount Due Date	O	R	1/6	Used
ITD04	370	Terms Discount Due Date Description: Date payment is due if discount is to be earned expressed in format CCYYMMDD	C	DT	8/8	Used
ITD05	351	Terms Discount Days Due Description: Number of days in the terms discount period by which payment is due if terms discount is earned	C	N0	1/3	Used
ITD06	446	Terms Net Due Date Description: Date when total invoice amount becomes due expressed in format CCYYMMDD	O	DT	8/8	Used
ITD07	386	Terms Net Days Description: Number of days until total invoice amount is due (discount not applicable)	O	N0	1/3	Used
ITD12	352	Description Description: A free-form description to clarify the related data elements and their content	O	AN	1/80	Used

Syntax:

- ITD03 L03040513 -- If ITD03 is present, then at least one of ITD04, ITD05 or ITD13 is required.
- ITD08 L08040513 -- If ITD08 is present, then at least one of ITD04, ITD05 or ITD13 is required.
- ITD09 L091011 -- If ITD09 is present, then at least one of ITD10 or ITD11 is required.

Semantics:

- ITD15 is the percentage applied to a base amount used to determine a late payment charge.

Comments:

- If the code in ITD01 is "04", then ITD07 or ITD09 is required and either ITD10 or ITD11 is required; if the code in ITD01 is "05", then ITD06 or ITD07 is required.

DTM Date/Time Reference

Pos: 140	Max: 10
Heading - Optional	
Loop: N/A	Elements: 2

To specify pertinent dates and times

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>				
DTM01	374	Date/Time Qualifier Description: Code specifying type of date or time, or both date and time	M	ID	3/3	Must use				
		<table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>011</td> <td>Shipped</td> </tr> </tbody> </table>	<u>Code</u>	<u>Name</u>	011	Shipped				
<u>Code</u>	<u>Name</u>									
011	Shipped									
DTM02	373	Date Description: Date expressed as CCYYMMDD	C	DT	8/8	Used				

Syntax:

1. DTM02 R020305 -- At least one of DTM02, DTM03 or DTM05 is required.
2. DTM04 C0403 -- If DTM04 is present, then DTM03 is required
3. DTM05 P0506 -- If either DTM05 or DTM06 are present, then the others are required.

IT1**Baseline Item Data (Invoice)**

Pos: 010	Max: 1
Detail - Optional	
Loop: IT1	Elements: 9

To specify the basic and most frequently used line item data for the invoice and related transactions

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
IT101	350	Assigned Identification Description: Alphanumeric characters assigned for differentiation within a transaction set	O	AN	1/20	Used
IT102	358	Quantity Invoiced Description: Number of units invoiced (supplier units)	C	R	1/10	Used
IT103	355	Unit or Basis for Measurement Code Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	C	ID	2/2	Used
IT104	212	Unit Price Description: Price per unit of product, service, commodity, etc.	C	R	1/17	Used
IT105	639	Basis of Unit Price Code Description: Code identifying the type of unit price for an item	O	ID	2/2	Used
IT106	235	Product/Service ID Qualifier Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)	C	ID	2/2	Used
IT107	234	Product/Service ID Description: Identifying number for a product or service	C	AN	1/48	Used
IT108	235	Product/Service ID Qualifier Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)	C	ID	2/2	Used
IT109	234	Product/Service ID Description: Identifying number for a product or service	C	AN	1/48	Used

Syntax:

- IT102 P020304 -- If either IT102, IT103 or IT104 are present, then the others are required.
- IT106 P0607 -- If either IT106 or IT107 are present, then the others are required.
- IT108 P0809 -- If either IT108 or IT109 are present, then the others are required.
- IT110 P1011 -- If either IT110 or IT111 are present, then the others are required.
- IT112 P1213 -- If either IT112 or IT113 are present, then the others are required.
- IT114 P1415 -- If either IT114 or IT115 are present, then the others are required.
- IT116 P1617 -- If either IT116 or IT117 are present, then the others are required.
- IT118 P1819 -- If either IT118 or IT119 are present, then the others are required.
- IT120 P2021 -- If either IT120 or IT121 are present, then the others are required.
- IT122 P2223 -- If either IT122 or IT123 are present, then the others are required.
- IT124 P2425 -- If either IT124 or IT125 are present, then the others are required.

Semantics:

1. IT101 is the purchase order line item identification.

Comments:

1. Element 235/234 combinations should be interpreted to include products and/or services. See the Data Dictionary for a complete list of IDs.
2. IT106 through IT125 provide for ten different product/service IDs for each item. For example: Case, Color, Drawing No., U.P.C. No., ISBN No., Model No., or SKU.

User Note 1:

KGP requires the Buyer's Item Number, sent on the PO qualified by IN.

Code identifying the type of unit price for an item

This element is required by ANSI Standards if the segment is used.

Should match what is sent on KGP's Purchase Order.

HP	Price per Hundred
LC	Catalog Price per Hundred
LE	Catalog Price per Each
LM	Catalog Price per Thousand
PE	Price per Each
QE	Quoted Price per Each
QH	Quoted Price per Hundred
QS	Quoted Price per Thousand
TC	Contract Price per Hundred
TE	Contract Price per Each
TM	Contract Price per Thousand
TP	Price per Thousand

PID Product/Item Description

Pos: 060	Max: 1
Detail - Optional	
Loop: PID	Elements: 2

To describe a product or process in coded or free-form format

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
PID01	349	Item Description Type Description: Code indicating the format of a description	M	ID	1/1	Must use
PID05	352	Description Description: A free-form description to clarify the related data elements and their content	C	AN	1/80	Used

Syntax:

1. PID04 C0403 -- If PID04 is present, then PID03 is required
2. PID04 R0405 -- At least one of PID04 or PID05 is required.
3. PID07 C0703 -- If PID07 is present, then PID03 is required
4. PID08 C0804 -- If PID08 is present, then PID04 is required
5. PID09 C0905 -- If PID09 is present, then PID05 is required

Semantics:

1. Use PID03 to indicate the organization that publishes the code list being referred to.
2. PID04 should be used for industry-specific product description codes.
3. PID08 describes the physical characteristics of the product identified in PID04. A "Y" indicates that the specified attribute applies to this item; an "N" indicates it does not apply. Any other value is indeterminate.
4. PID09 is used to identify the language being used in PID05.

Comments:

1. If PID01 equals "F", then PID05 is used. If PID01 equals "S", then PID04 is used. If PID01 equals "X", then both PID04 and PID05 are used.
2. Use PID06 when necessary to refer to the product surface or layer being described in the segment.
3. PID07 specifies the individual code list of the agency specified in PID03.

TDS Total Monetary Value Summary

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

To specify the total invoice discounts and amounts

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
TDS01	610	Amount Description: Monetary amount	M	N2	1/15	Must use

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
TDS02	611	Amount Description: Monetary amount Without additional Charges	M	N2	1/15	Must use

Semantics:

1. TDS01 is the total amount of invoice (including charges, less allowances) before terms discount (if discount is applicable).
2. TDS02 indicates the amount without additional charges (freight,tax or disc applied).
3. TDS03 is the amount of invoice due if paid by terms discount due date (total invoice or installment amount less cash discount).
4. TDS04 indicates the total amount of terms discount.

Comments:

1. TDS02 is required if the dollar value subject to discount is not equal to the dollar value of TDS01.

CAD Carrier Detail

Pos: 030	Max: 1
Summary - Optional	
Loop: N/A	Elements: 4

To specify transportation details for the transaction

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>				
CAD04	140	Standard Carrier Alpha Code Description: Standard Carrier Alpha Code	C	ID	2/4	Used				
CAD05	387	Routing Description: Free-form description of the routing or requested routing for shipment, or the originating carrier's identity	C	AN	1/35	Used				
CAD07	128	Reference Identification Qualifier Description: Code qualifying the Reference Identification	O	ID	2/3	Used				
		<table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>BM</td> <td>Bill of Lading Number</td> </tr> </tbody> </table>	<u>Code</u>	<u>Name</u>	BM	Bill of Lading Number				
<u>Code</u>	<u>Name</u>									
BM	Bill of Lading Number									
CAD08	127	Reference Identification Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	C	AN	1/30	Used				

Syntax:

1. CAD05 R0504 -- At least one of CAD05 or CAD04 is required.
2. CAD07 C0708 -- If CAD07 is present, then CAD08 is required

Segment: **TXI** Tax Information

Position: 020

Loop:

Level: Summary

Usage: Optional

Max Use: 10

Purpose: To specify tax information

- Syntax Notes:**
- 1 At least one of TXI02 TXI03 or TXI06 is required.
 - 2 If either TXI04 or TXI05 is present, then the other is required.
 - 3 If TXI08 is present, then TXI03 is required.

- Semantic Notes:**
- 1 TXI02 is the monetary amount of the tax.
 - 2 TXI03 is the tax percent expressed as a decimal.
 - 3 TXI07 is a code indicating the relationship of the price or amount to the associated segment.

Comments:

Notes: Accumulated taxes for entire invoice.

Data Element Summary

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Base Attributes</u>		<u>User Attributes</u>
TXI01	963	Tax Type Code	M	ID 2/2	M
		Code specifying the type of tax			
		This element is required by ANSI Standards or SBC if the segment is used. See the segment 'Usage' field located at the start of this segment.			
TXI02	782	Monetary Amount	X	R 1/18	MU
		Monetary amount			
		This element is required by ANSI Standards or SBC if the segment is used. See the segment 'Usage' field located at the start of this segment.			

SAC Service, Promotion, Allowance, or Charge Information

Pos: 040	Max: 1
Summary - Optional	
Loop: SAC	Elements: 4

To request or identify a service, promotion, allowance, or charge; to specify the amount or percentage for the service, promotion, allowance, or charge

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>				
SAC01	248	Allowance or Charge Indicator Description: Code which indicates an allowance or charge for the service specified	M	ID	1/1	Must use				
		<table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>C</td> <td>Charge</td> </tr> </tbody> </table>	<u>Code</u>	<u>Name</u>	C	Charge				
<u>Code</u>	<u>Name</u>									
C	Charge									
SAC02	1300	Service, Promotion, Allowance, or Charge Code Description: Code identifying the service, promotion, allowance, or charge	C	ID	4/4	Used				
		<table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>D240</td> <td>Freight</td> </tr> </tbody> </table>	<u>Code</u>	<u>Name</u>	D240	Freight				
<u>Code</u>	<u>Name</u>									
D240	Freight									
SAC05	610	Amount Description: Monetary amount	O	N2	1/15	Used				
SAC15	352	Description Description: A free-form description to clarify the related data elements and their content	C	AN	1/80	Used				

Syntax:

1. SAC02 R0203 -- At least one of SAC02 or SAC03 is required.
2. SAC03 P0304 -- If either SAC03 or SAC04 are present, then the others are required.
3. SAC06 P0607 -- If either SAC06 or SAC07 are present, then the others are required.
4. SAC09 P0910 -- If either SAC09 or SAC10 are present, then the others are required.
5. SAC11 C1110 -- If SAC11 is present, then SAC10 is required
6. SAC13 L130204 -- If SAC13 is present, then at least one of SAC02 or SAC04 is required.
7. SAC14 C1413 -- If SAC14 is present, then SAC13 is required
8. SAC16 C1615 -- If SAC16 is present, then SAC15 is required

Semantics:

1. If SAC01 is "A" or "C", then at least one of SAC05, SAC07, or SAC08 is required.
2. SAC05 is the total amount for the service, promotion, allowance, or charge.
3. If SAC05 is present with SAC07 or SAC08, then SAC05 takes precedence.
4. SAC08 is the allowance or charge rate per unit.
5. SAC10 and SAC11 is the quantity basis when the allowance or charge quantity is different from the purchase order or invoice quantity.
6. SAC10 and SAC11 used together indicate a quantity range, which could be a dollar amount, that is applicable to service, promotion, allowance, or charge.
7. SAC13 is used in conjunction with SAC02 or SAC04 to provide a specific reference number as identified by the code used.
8. SAC14 is used in conjunction with SAC13 to identify an option when there is more than one option of the promotion.
9. SAC16 is used to identify the language being used in SAC15.

Comments:

1. SAC04 may be used to uniquely identify the service, promotion, allowance, or charge. In addition, it may be used in conjunction to further the code in SAC02.
2. In some business applications, it is necessary to advise the trading partner of the actual dollar amount that a particular allowance, charge, or promotion was based on to reduce ambiguity. This amount is commonly referred to as "Dollar Basis Amount". It is represented in the SAC segment in SAC10 using the qualifier "DO" - Dollars in SAC09.

ISS**Invoice Shipment Summary**

Pos: 060	Max: 1
Summary - Optional	
Loop: ISS	Elements: 4

To specify summary details of total items shipped in terms of quantity, weight, and volume

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
ISS01	382	Number of Units Shipped Description: Numeric value of units shipped in manufacturer's shipping units for a line item or transaction set	C	R	1/10	Used
ISS02	355	Unit or Basis for Measurement Code Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	C	ID	2/2	Used
ISS03	81	Weight Description: Numeric value of weight	C	R	1/10	Used
ISS04	355	Unit or Basis for Measurement Code Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	C	ID	2/2	Used

Syntax:

1. ISS01 R010305 -- At least one of ISS01, ISS03 or ISS05 is required.
2. ISS01 P0102 -- If either ISS01 or ISS02 are present, then the others are required.
3. ISS03 P0304 -- If either ISS03 or ISS04 are present, then the others are required.
4. ISS05 P0506 -- If either ISS05 or ISS06 are present, then the others are required.

Semantics:

1. ISS07 is the quantity of third party pallets.
2. ISS08 is the gross weight of third party pallets in pounds.

CTT Transaction Totals

Pos: 070	Max: 1
Summary - Optional	
Loop: N/A	Elements: 2

To transmit a hash total for a specific element in the transaction set

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
CTT01	354	Number of Line Items Description: Total number of line items in the transaction set	M	N0	1/6	Must use
CTT02	347	Hash Total Description: Sum of values of the specified data element. All values in the data element will be summed without regard to decimal points (explicit or implicit) or signs. Truncation will occur on the left most digits if the sum is greater than the maximum size of the hash total of the data element.Example:-.0018 First occurrence of value beinghashed..18 Second occurrence of value beinghashed.1.8 Third occurrence of value beinghashed.18.01 Fourth occurrence of value beinghashed.-----1855 Hash total prior to truncation.855 Hash total after truncation tothree-digit field.	O	R	1/10	Used

Syntax:

1. CTT03 P0304 -- If either CTT03 or CTT04 are present, then the others are required.
2. CTT05 P0506 -- If either CTT05 or CTT06 are present, then the others are required.

Comments:

1. This segment is intended to provide hash totals to validate transaction completeness and correctness.

SE**Transaction Set Trailer**

Pos: 080	Max: 1
Summary - Mandatory	
Loop: N/A	Elements: 2

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

Element Summary:

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

Comments:

- SE is the last segment of each transaction set.