Invoice/Garden Ridge-Trading Partner Specification

VERSION: 1.0 FINAL

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810 Mapping.doc
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Page 1 of 26
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810 Invoice/Garden Ridge-Trading Partner Specification

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:

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

Detail:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
10	ST	Transaction Set Header	M	1			Must use
20	BIG	Beginning Segment for Invoice	M	1			Must use

LOOP ID - N1					200		
70	N1	Name	M	1			Must use

LOOP ID - N1					200		
70	N1	Name	M	1			Must use
130	ITD	Terms of Sale/Deferred Terms of Sale	O	>1			Used

Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage

LOOP ID - IT1					200000		
10	IT1	Baseline Item Data (Invoice)	M	1			Must use

LOOP ID - PID					1000		
60	PID	Product/Item Description	O	1			Used
110	ITD	Terms of Sale/Deferred Terms of Sale	O	2			Used

LOOP ID - SAC					25		
180	SAC	Service, Promotion, Allowance, or Charge Information	O	1			Used

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage
10	TDS	Total Monetary Value Summary	M	1			Must use
70	CTT	Transaction Totals	O	1			Used
80	SE	Transaction Set Trailer	M	1			Must use
85	GE	Functional Group Trailer	M	1			Must use
100	IEA	Interchange Control Trailer	M	1			Must use

ISA	**Interchange Control Header**	Pos: 10 Max: 1 Heading - Mandatory Loop: N/A Elements: 16

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

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ISA01	I01	**Authorization Information Qualifier** **Description:** Code to identify the type of information in the Authorization Information	M	ID	2/2	Must use

    Code Name

    00   No Authorization Information Present (No Meaningful Information in I02)

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ISA02	I02	**Authorization Information** **Description:** Information used for additional identification or authorization of the interchange sender or the data in the interchange; the type of information is set by the Authorization Information Qualifier (I01)	M	AN	10/10	Must use
ISA03	I03	**Security Information Qualifier** **Description:** Code to identify the type of information in the Security Information	M	ID	2/2	Must use

    Code Name

    00   No Security Information Present (No Meaningful Information in I04)

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ISA04	I04	**Security Information** **Description:** This is used for identifying the security information about the interchange sender or the data in the interchange; the type of information is set by the Security Information Qualifier (I03)	M	AN	10/10	Must use
ISA05	I05	**Interchange ID Qualifier** **Description:** Qualifier to designate the system/method of code structure used to designate the sender or receiver ID element being qualified	M	ID	2/2	Must use
ISA06	I06	**Interchange Sender ID** **Description:** Identification code published by the sender for other parties to use as the receiver ID to route data to them; the sender always codes this value in the sender ID element	M	AN	15/15	Must use
ISA07	I05	**Interchange ID Qualifier** **Description:** Qualifier to designate the system/method of code structure used to designate the sender or receiver ID element being qualified	M	ID	2/2	Must use

    Code Name

    12   Phone (Telephone Companies)

gr

Garden Ridge

Ref	Id	Element Name	Req	Type	Min/Max	Usage

ISA08 I07 **Interchange Receiver ID** — M, AN, 15/15, **Must use**

Description: Identification code published by the receiver of the data; When sending, it is used by the sender as their sending ID, thus other parties sending to them will use this as a receiving ID to route data to them

User Note 2: **(12)** *2815797901 With a (T) in the ISA - for testing*

2815797901   - for production

ISA09 I08 **Interchange Date** — M, DT, 6/6, **Must use**

Description: Date of the interchange

ISA10 I09 **Interchange Time** — M, TM, 4/4, **Must use**

Description: Time of the interchange

ISA11 I10 **Interchange Control Standards Identifier** — M, ID, 1/1, **Must use**

Description: Code to identify the agency responsible for the control standard used by the message that is enclosed by the interchange header and trailer

All valid standard codes are used.

ISA12 I11 **Interchange Control Version Number** — M, ID, 5/5, **Must use**

Description: This version number covers the interchange control segments

Code	Name
00400	Standard Issued as ANSI X12.5-1997

ISA13 I12 **Interchange Control Number** — M, N0, 9/9, **Must use**

Description: A control number assigned by the interchange sender

ISA14 I13 **Acknowledgment Requested** — M, ID, 1/1, **Must use**

Description: Code sent by the sender to request an interchange acknowledgment (TA1)

Code	Name
0	No Acknowledgment Requested

ISA15 I14 **Usage Indicator** — M, ID, 1/1, **Must use**

Description: Code to indicate whether data enclosed by this interchange envelope is test, production or information

Code	Name
P	Production Data
T	Test Data

ISA16 I15 **Component Element Separator** — M, AN, 1/1, **Must use**

Description: Type is not applicable; the component element separator is a delimiter and not a data element; this field provides the delimiter used to separate component data elements within a composite data structure; this value must be different than the data element separator and the

Ref	Id	Element Name	Req	Type	Min/Max	Usage
		segment terminator				

Semantics:

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

GS — Functional Group Header

Pos: 5	**Max: 1**
Heading - Mandatory	
Loop: N/A	**Elements: 8**

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
GS01	479	**Functional Identifier Code** **Description:** Code identifying a group of application related transaction sets	M	ID	2/2	Must use

    Code Name

    IN   Invoice Information (810,819)

Ref	Id	Element Name	Req	Type	Min/Max	Usage
GS02	142	**Application Sender's Code** **Description:** Code identifying party sending transmission; codes agreed to by trading partners	M	AN	2/15	Must use
GS03	124	**Application Receiver's Code** **Description:** Code identifying party receiving transmission. Codes agreed to by trading partners	M	AN	2/15	Must use

> **User Note 2:**   *2815797901T - for testing*
>
> *2815797901   - for production*

Ref	Id	Element Name	Req	Type	Min/Max	Usage
GS04	373	**Date** **Description:** Date expressed as CCYYMMDD	M	DT	8/8	Must use
GS05	337	**Time** **Description:** Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)	M	TM	4/8	Must use
GS06	28	**Group Control Number** **Description:** Assigned number originated and maintained by the sender	M	N0	1/9	Must use
GS07	455	**Responsible Agency Code** **Description:** Code used in conjunction with Data Element 480 to identify the issuer of the standard	M	ID	1/2	Must use
GS08	480	**Version / Release / Industry Identifier Code** **Description:** Code indicating the version, release, subrelease, and industry identifier of the EDI standard being used, including the GS and GE segments; if code in DE455 in GS segment is X, then in DE 480 positions 1-3 are the version number; positions 4-6 are the release and	M	AN	1/12	Must use

Ref	Id	Element Name	Req	Type	Min/Max	Usage

subrelease, level of the version; and positions 7-12 are the industry or trade association identifiers (optionally assigned by user); if code in DE455 in GS segment is T, then other formats are allowed

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

Comments:

1. A functional group of related transaction sets, within the scope of X12 standards, consists of a collection of similar transaction sets enclosed by a functional group header and a functional group trailer.

ST Transaction Set Header

Pos: 10	**Max: 1**
Detail - Mandatory	
Loop: N/A	**Elements: 2**

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

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ST01	143	**Transaction Set Identifier Code** **Description:** Code uniquely identifying a Transaction Set	M	ID	3/3	Must use

User Note 2:   *'810'*

Code Name

810   Invoice

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ST02	329	**Transaction Set Control Number** **Description:** Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	M	AN	4/9	Must use

Semantics:

1. IT101 is the purchase order line item identification.

BIG Beginning Segment for Invoice

Pos: 20	Max: 1
Detail - Mandatory	
Loop: N/A	Elements: 4

To specify the currency (dollars, pounds, francs, etc.) used in a transaction

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
BIG01	373	**Date** **Description:** Date expressed as CCYYMMDD	M	DT	8/8	Must use
		User Note 2: Invoice-Date				
BIG02	76	**Invoice Number** **Description:** Identifying number assigned by issuer	M	AN	1/22	Must use
BIG04	324	**Purchase Order Number** **Description:** Identifying number for Purchase Order assigned by the orderer/purchaser	M	AN	1/22	Must use
		User Note 2: Manditory field for Garden Ridge - from the Purchase Order - BEG03				
BIG07	640	**Transaction Type Code** **Description:** Code specifying the type of transaction	O	ID	2/2	Used
		User Note 2: Mandatory field for Garden Ridge - 'CN'				

Code Name

CN   Credit Invoice

Comments:

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

N1 Name

<table>
<tr><td>Pos: 70</td><td>Max: 1</td></tr>
<tr><td colspan="2">Detail - Mandatory</td></tr>
<tr><td>Loop: N1</td><td>Elements: 3</td></tr>
</table>

To specify physical measurements or counts, including dimensions, tolerances, variances, and weights(See Figures Appendix for example of use of C001)

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N101	98	**Entity Identifier Code**	M	ID	2/3	Must use
		Description: Code identifying an organizational entity, a physical location, property or an individual				

User Note 2:   *'VN'*

Code	Name
VN	Vendor

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N103	66	**Identification Code Qualifier**	O	ID	1/2	Must use
		Description: Code designating the system/method of code structure used for Identification Code (67)				

User Note 2:   *'ZZ'*

Code	Name
ZZ	Mutually Defined

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N104	67	**Identification Code**	O	AN	2/80	Must use
		Description: Code identifying a party or other code				

User Note 2:   *Manditory field for Garden Ridge from Purchase Order - N104(when N101 = 'VN')*

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.

Semantics:

1. MEA04 defines the unit of measure for MEA03, MEA05, and MEA06.

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.

810 Mapping.doc
Last Updated: 12/13/2010 4:45:00 PM
Page 11 of 26
by: Alex of Sterling
Date Printed: 12/13/2010 4:45:00 PM
Revision: 2

User Note 2:

Manditory segment for Garden Ridge

N1   Name

To specify physical measurements or counts, including dimensions, tolerances, variances, and weights(See Figures Appendix for example of use of C001)

Element Summary:

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

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

User Note 2: *'ST'*

Code	Name
ST	Ship To

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N103	66	**Identification Code Qualifier**	O	ID	1/2	Must use

Description: Code designating the system/method of code structure used for Identification Code (67)

User Note 2: *'ZZ'*

Code	Name
ZZ	Mutually Defined

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N104	67	**Identification Code**	O	AN	2/80	Must use

Description: Code identifying a party or other code

User Note 2: *Manditory field for Garden Ridge from Purchase Order - SDQ(identification code)*

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.

Semantics:

1. MEA04 defines the unit of measure for MEA03, MEA05, and MEA06.

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.

ITD   Terms of Sale/Deferred Terms of Sale

Pos: 130	**Max: >1**
Detail - Optional	
Loop: N/A	**Elements: 4**

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

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ITD03	338	**Terms Discount Percent**	O	R	1/6	Used
		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				
ITD05	351	**Terms Discount Days Due**	O	N0	1/3	Used
		Description: Number of days in the terms discount period by which payment is due if terms discount is earned				
ITD06	446	**Terms Net Due Date**	O	DT	8/8	Used
		Description: Date when total invoice amount becomes due expressed in format CCYYMMDD				
ITD07	386	**Terms Net Days**	O	N0	1/3	Used
		Description: Number of days until total invoice amount is due (discount not applicable)				

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

Comments:
1. 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.

IT1   Baseline Item Data (Invoice)

Pos: 10	Max: 1
Summary - Mandatory	
Loop: IT1	Elements: 10

To specify the total invoice discounts and amounts

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
IT102	358	**Quantity Invoiced** **Description:** Number of units invoiced (supplier units)	O	R	1/10	Must use
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 All valid standard codes are used.	O	ID	2/2	Used
IT104	212	**Unit Price** **Description:** Price per unit of product, service, commodity, etc. **User Note 2:** *Manditory field for Garden Ridge from Purchase Order - PO104*	M	R	1/17	Must use
IT105	639	**Basis of Unit Price Code** **Description:** Code identifying the type of unit price for an item **Code Name** PE Price per Each	O	ID	2/2	Must use
IT106	235	**Product/Service ID Qualifier** **Description:** Code identifying the type/source of the descriptive number used in Product/Service ID (234) **User Note 2:** *'VN' or 'CB' or 'UP'* **Code Name** CB Buyer's Catalog Number UP U.P.C. Consumer Package Code (1-5-5-1) VN Vendor's (Seller's) Item Number	O	ID	2/2	Used
IT107	234	**Product/Service ID** **Description:** Identifying number for a product or service **User Note 2:** *Vendor Number or Buyers Catalog Number or UPC Code*	O	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) **User Note 2:** *'VN' or 'CB' or 'UP'* **Code Name**	O	ID	2/2	Used

Garden Ridge

Ref	Id	Element Name	Req	Type	Min/Max	Usage
		CB Buyer's Catalog Number				
		UP U.P.C. Consumer Package Code (1-5-5-1)				
		VN Vendor's (Seller's) Item Number				
IT109	**234**	**Product/Service ID**	**O**	**AN**	**1/48**	**Used**

Description: Identifying number for a product or service

User Note 2: *Vendor Number or Buyers Catalog Number or UPC Code*

Ref	Id	Element Name	Req	Type	Min/Max	Usage
IT110	**235**	**Product/Service ID Qualifier**	**O**	**ID**	**2/2**	**Used**

Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)

User Note 2: *'VN' or 'CB' or 'UP'*

Code Name

CB   Buyer's Catalog Number
UP   U.P.C. Consumer Package Code (1-5-5-1)
VN   Vendor's (Seller's) Item Number

Ref	Id	Element Name	Req	Type	Min/Max	Usage
IT111	**234**	**Product/Service ID**	**O**	**AN**	**1/48**	**Used**

Description: Identifying number for a product or service

User Note 2: *Vendor Number or Buyers Catalog Number or UPC Code*

Syntax:

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

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 upon which the terms discount amount is calculated.
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. 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 2:

Manditory segment for Garden Ridge. Please enter VN, CB, and UP and corresponding value in any of IT106 - IT107, IT108 - IT109, IT110 - IT111 pairs.

810 Mapping.doc
Last Updated: 12/13/2010 4:45:00 PM

Page 18 of 26
by: Alex of Sterling

Date Printed: 12/13/2010 4:45:00 PM
Revision: 2

PID   Product/Item Description

Pos: 60	**Max: 1**
Summary - Optional	
Loop: PID	**Elements: 2**

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

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
PID01	**349**	**Item Description Type**	**M**	**ID**	**1/1**	**Must use**
		Description: Code indicating the format of a description				

User Note 2: *'F'*

Code	Name
F	Free-form

Ref	Id	Element Name	Req	Type	Min/Max	Usage
PID05	**352**	**Description**	**O**	**AN**	**1/80**	**Used**
		Description: A free-form description to clarify the related data elements and their content				

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

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.

ITD   Terms of Sale/Deferred Terms of Sale

Pos: 110	**Max: 2**
Summary - Optional	
Loop: IT1	**Elements: 2**

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ITD09	**388**	**Terms Deferred Due Date**	O	DT	8/8	Used
		Description: Date deferred payment or percent of invoice payable is due expressed in format CCYYMMDD				
ITD10	**389**	**Deferred Amount Due**	O	N2	1/10	Used
		Description: Deferred amount due for payment				

Syntax:

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

Comments:

1. 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.

SAC   Service, Promotion, Allowance, or Charge Information

Pos: 180	**Max: 1**
Summary - Optional	
Loop: SAC	**Elements: 3**

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SAC01	248	**Allowance or Charge Indicator**	M	ID	1/1	Must use

Description: Code which indicates an allowance or charge for the service specified

Code **Name**

C   Charge

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SAC02	1300	**Service, Promotion, Allowance, or Charge Code**	O	ID	4/4	Used

Description: Code identifying the service, promotion, allowance, or charge

Code **Name**

D240   Freight
F180   Pallet
OTHR   Other Miscellaneous Earning or Additive

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SAC05	610	**Amount**	O	N2	1/15	Used

Description: Monetary amount

Syntax:

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

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.

TDS   Total Monetary Value Summary

Pos: 10	**Max: 1**
- Mandatory	
Loop: N/A	**Elements: 2**

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
TDS01	**610**	**Amount** **Description:** Monetary amount	**M**	**N2**	**1/15**	**Must use**
TDS04	**610**	**Amount** **Description:** Monetary amount **User Note 2:** *Discount Surcharge*	**O**	**N2**	**1/15**	**Used**

Comments:

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

CTT   Transaction Totals

Pos: 70	Max: 1
- Optional	
Loop: N/A	Elements: 1

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
CTT01	354	**Number of Line Items** **Description:** Total number of line items in the transaction set	M	N0	1/6	Must use

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.

810 Mapping.doc
Last Updated: 12/13/2010 4:45:00 PM

Page 23 of 26
by: Alex of Sterling

Date Printed: 12/13/2010 4:45:00 PM
Revision: 2

SE   Transaction Set Trailer

Pos: 80	**Max: 1**
- Mandatory	
Loop: N/A	**Elements: 2**

Element Summary:

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

Comments:

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

GE   Functional Group Trailer

Pos: 85	**Max: 1**
- Mandatory	
Loop: N/A	**Elements: 2**

Element Summary:

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

Comments:

1. The use of identical data interchange control numbers in the associated functional group header and trailer is designed to maximize functional group integrity. The control number is the same as that used in the corresponding header.

IEA   Interchange Control Trailer

Pos: 100	**Max: 1**
- Mandatory	
Loop: N/A	**Elements: 2**

Element Summary:

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