

XXXXX Corporation
810 Invoice

Functional Group ID=**IN**

Introduction:

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.

Notes:

CHANGES:

02/20/06 - Remove REF segment with OI-qualifier and Original Invoice Number from header. This information already available in detail.

10/10/07 - Add PO line number in IT101.

Heading:

| <u>Page No.</u> | <u>Pos. No.</u> | <u>Seg. ID</u> | <u>Name</u> | <u>Base Guide</u> | <u>User Status</u> | <u>Max.Use</u> | <u>Loop Repeat</u> | <u>Notes and Comments</u> |
|-----------------|-----------------|----------------|-------------------------------|-------------------|--------------------|----------------|--------------------|---------------------------|
| 5 | 010 | ST | Transaction Set Header | M | M | 1 | | |
| 6 | 020 | BIG | Beginning Segment for Invoice | M | M | 1 | | |
| | | | | | | | 1 | |
| 7 | 070 | N1 | Name | O | O | 1 | | |
| 8 | 090 | N3 | Address Information | O | O | 1 | | |
| 9 | 100 | N4 | Geographic Location | O | O | 1 | | |
| | | | | | | | 1 | |
| 10 | 127 | N1 | Name | O | O | 1 | | |
| 11 | 128 | N3 | Address Information | O | O | 1 | | |
| 12 | 129 | N4 | Geographic Location | O | O | 1 | | |
| | | | | | | | 1 | |
| 13 | 135 | N1 | Name | O | O | 1 | | |
| 14 | 137 | N3 | Address Information | O | O | 1 | | |
| 15 | 138 | N4 | Geographic Location | O | O | 1 | | |
| 16 | 140 | DTM | Date/Time Reference | O | O | 1 | | |

Detail:

| <u>Page No.</u> | <u>Pos. No.</u> | <u>Seg. ID</u> | <u>Name</u> | <u>Base Guide</u> | <u>User Status</u> | <u>Max.Use</u> | <u>Loop Repeat</u> | <u>Notes and Comments</u> |
|-----------------|-----------------|----------------|------------------------------|-------------------|--------------------|----------------|--------------------|---------------------------|
| | | | | | | | 200000 | |
| 17 | 010 | IT1 | Baseline Item Data (Invoice) | O | O | 1 | | |
| 19 | 015 | QTY | Quantity | O | O | 1 | | n1 |
| 20 | 040 | TXI | Tax Information | O | O | 1 | | |
| 21 | 045 | TXI | Tax Information | O | O | 1 | | |

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| | | | | | | | |
|----|-----|-----|-----------------------------|---|---|---|--|
| 22 | 050 | CTP | Pricing Information | O | O | 1 | |
| | | | LOOP ID - PID | | | 1 | |
| 23 | 060 | PID | Product/Item Description | O | O | 1 | |
| 24 | 090 | PKG | Marking, Packaging, Loading | M | M | 1 | |
| 25 | 095 | PKG | Marking, Packaging, Loading | M | M | 1 | |
| 26 | 120 | REF | Reference Identification | O | O | 1 | |

Summary:

| <u>Page No.</u> | <u>Pos. No.</u> | <u>Seg. ID</u> | <u>Name</u> | <u>Base Guide</u> | <u>User Status</u> | <u>Max.Use</u> | <u>Loop Repeat</u> | <u>Notes and Comments</u> |
|-----------------|-----------------|----------------|------------------------------|-------------------|--------------------|----------------|--------------------|---------------------------|
| 27 | 010 | TDS | Total Monetary Value Summary | M | M | 1 | | |
| 28 | 020 | TXI | Tax Information | O | O | 1 | | |
| 29 | 025 | TXI | Tax Information | O | O | 1 | | |
| 30 | 030 | CAD | Carrier Detail | O | O | 1 | | |
| 31 | 070 | CTT | Transaction Totals | O | O | 1 | | n2 |
| 32 | 080 | SE | Transaction Set Trailer | M | M | 1 | | |

Transaction Set Notes

1. The QTY segment is used to specify a quantity of units which are expected as payments, e.g., trade-ins or returns.
2. 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.

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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

Comments:

Data Element Summary

| <u>Ref. Des.</u> | <u>Data Element</u> | <u>Name</u> | <u>Base Attributes</u> | <u>User Attributes</u> |
|------------------|---------------------|--|------------------------|------------------------|
| ISA01 | I01 | Authorization Information Qualifier Code to identify the type of information in the Authorization Information | M ID 2/2 | M |
| ISA02 | I02 | Authorization Information 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 | M |
| ISA03 | I03 | Security Information Qualifier Code to identify the type of information in the Security Information | M ID 2/2 | M |
| ISA04 | I04 | Security Information 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 | M |
| ISA05 | I05 | Interchange ID Qualifier Qualifier to designate the system/method of code structure used to designate the sender or receiver ID element being qualified ZZ Mutually Defined VENDOR Standard qualifier is 'ZZ' | M ID 2/2 | M |
| ISA06 | I06 | Interchange Sender ID 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 VENDORXX VENDOR Standard; XXX = VENDOR Company number X | M AN 15/15 | M |
| ISA07 | I05 | Interchange ID Qualifier Qualifier to designate the system/method of code structure used to designate the sender or receiver ID element being qualified As provided in EDI850. ZZ Mutually Defined Customer Trading Partner qualifier | M ID 2/2 | M |
| ISA08 | I07 | Interchange Receiver ID 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 Customer Trading Partner ID. As provided in EDI850. | M AN 15/15 | M |
| ISA09 | I08 | Interchange Date Date of the interchange YYMMDD | M DT 6/6 | M |
| ISA10 | I09 | Interchange Time Time of the interchange HHMM | M TM 4/4 | M |

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| | | | | | |
|--------------|------------|--|---|---------------|----------|
| ISA11 | I10 | Interchange Control Standards Identifier | M | ID 1/1 | M |
| | | Code to identify the agency responsible for the control standard used by the message that is enclosed by the interchange header and trailer | | | |
| ISA12 | I11 | Interchange Control Version Number | M | ID 5/5 | M |
| | | This version number covers the interchange control segments | | | |
| | | 00401 | Draft Standards for Trial Use Approved for Publication by ASC X12 Procedures Review Board through October 1997 | | |
| ISA13 | I12 | Interchange Control Number | M | N0 9/9 | M |
| | | A control number assigned by the interchange sender | | | |
| | | Translator generated | | | |
| ISA14 | I13 | Acknowledgment Requested | M | ID 1/1 | M |
| | | Code sent by the sender to request an interchange acknowledgment (TA1) | | | |
| | | Not interpreted for meaning. | | | |
| ISA15 | I14 | Usage Indicator | M | ID 1/1 | M |
| | | Code to indicate whether data enclosed by this interchange envelope is test, production or information | | | |
| | | VENDOR order processing does not allow or trap orders received with the value of 'T'. | | | |
| | | P | Production Data | | |
| | | | Not interpreted for meaning. | | |
| | | T | Test Data | | |
| | | | Not interpreted for meaning. | | |
| ISA16 | I15 | Component Element Separator | M | AN 1/1 | M |
| | | Type is not applicable; the component element separator is a delimiter and not a data element; this field provides the delimiter used to separate component data elements within a composite data structure; this value must be different than the data element separator and the segment terminator | | | |
| | | Customer defined | | | |

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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
Comments:

Data Element Summary

| <u>Ref.</u> <u>Des.</u> | <u>Data</u> <u>Element</u> | <u>Name</u> | <u>Base</u> <u>Attributes</u> | <u>User</u> <u>Attributes</u> |
|----------------------------|-------------------------------|---|----------------------------------|----------------------------------|
| ST01 | 143 | Transaction Set Identifier Code Code uniquely identifying a Transaction Set 810 Invoice | M ID 3/3 | M |
| ST02 | 329 | Transaction Set Control Number 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 | M AN 9/9 |

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Segment: **BIG** Beginning Segment for Invoice
Position: 020
Loop:
Level: Heading
Usage: Mandatory
Max Use: 1
Purpose: To indicate the beginning of an invoice transaction set and transmit identifying numbers and dates
Comments: 1 BIG07 is used only to further define the type of invoice when needed.

Data Element Summary

| <u>Ref.</u> | <u>Data</u> | <u>Name</u> | <u>Base</u> | <u>User</u> |
|-------------|----------------|---|-------------------|-------------------|
| <u>Des.</u> | <u>Element</u> | | <u>Attributes</u> | <u>Attributes</u> |
| BIG01 | 373 | Date | M DT 8/8 | M |
| | | Date expressed as CCYYMMDD | | |
| | | <i>Invoice date (CCYYMMDD)</i> | | |
| BIG02 | 76 | Invoice Number | M AN 1/22 | M AN 1/10 |
| | | Identifying number assigned by issuer | | |
| | | <i>VENDOR Invoice Number (10 digits)</i> | | |
| BIG04 | 324 | Purchase Order Number | O AN 1/22 | M AN 1/15 |
| | | Identifying number for Purchase Order assigned by the orderer/purchaser | | |
| | | <i>Customer PO Number (if available)</i> | | |
| BIG07 | 640 | Transaction Type Code | O ID 2/2 | M |
| | | Code specifying the type of transaction | | |
| | | CN Credit Invoice | | |
| | | DI Debit Invoice | | |

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Segment: **N1** Name
Position: 070
Loop: N1 Optional
Level: Heading
Usage: Optional
Max Use: 1
Purpose: To identify a party by type of organization, name, and code
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.

Usage Notes: This segment may be used or omitted

Data Element Summary

| Ref. Des. | Data Element | Name | Base | | User | |
|--------------|-----------------|---|------------|---------|------------|---------|
| | | | Attributes | | Attributes | |
| N101 | 98 | Entity Identifier Code | M | ID 2/3 | M | ID 2/2 |
| | | Code identifying an organizational entity, a physical location, property or an individual | | | | |
| | | ST Ship To | | | | |
| N102 | 93 | Name | X | AN 1/60 | O | AN 1/30 |
| | | Free-form name | | | | |
| | | <i>Customer Name</i> | | | | |
| N103 | 66 | Identification Code Qualifier | X | ID 1/2 | O | ID 2/2 |
| | | Code designating the system/method of code structure used for Identification Code (67) | | | | |
| | | 91 Assigned by Seller or Seller's Agent | | | | |
| N104 | 67 | Identification Code | X | AN 2/80 | M | AN 6/6 |
| | | Code identifying a party or other code | | | | |
| | | <i>The VENDOR customer number - 6 digits (leading zeroes may appear).</i> | | | | |

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Segment: **N3** Address Information
Position: 090
Loop: N1 Optional
Level: Heading
Usage: Optional
Max Use: 1
Purpose: To specify the location of the named party
Comments:
Usage Notes: This segment may be used or omitted

Data Element Summary

| <u>Ref.</u> | <u>Data</u> | <u>Name</u> | <u>Base</u> | <u>User</u> |
|-------------|----------------|--------------------------------|-------------------|-------------------|
| <u>Des.</u> | <u>Element</u> | | <u>Attributes</u> | <u>Attributes</u> |
| N301 | 166 | Address Information | M AN 1/55 | M AN 1/30 |
| | | Address information | | |
| | | <i>Street Address (line 1)</i> | | |
| N302 | 166 | Address Information | O AN 1/55 | O AN 1/30 |
| | | Address information | | |
| | | <i>Street Address (line 2)</i> | | |

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Segment: **N4** Geographic Location
Position: 100
Loop: N1 Optional
Level: Heading
Usage: Optional
Max Use: 1
Purpose: To specify the geographic place of the named party
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.
Usage Notes: This segment may be used or omitted

Data Element Summary

| <u>Ref. Des.</u> | <u>Data Element</u> | <u>Name</u> | <u>Base Attributes</u> | <u>User Attributes</u> |
|------------------|---------------------|---|------------------------|------------------------|
| N401 | 19 | City Name Free-form text for city name | O AN 2/30 | O AN 2/20 |
| N402 | 156 | State or Province Code Code (Standard State/Province) as defined by appropriate government agency | O ID 2/2 | O |
| N403 | 116 | Postal Code Code defining international postal zone code excluding punctuation and blanks (zip code for United States) | O ID 3/15 | O ID 5/9 |

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Segment: **N1** Name
Position: 127
Loop: N1 Optional
Level: Heading
Usage: Optional
Max Use: 1
Purpose: To identify a party by type of organization, name, and code
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.

Usage Notes: This segment may be used or omitted
Notes: *Identifies the concept/chain/unit the Catalog applies to*

Data Element Summary

| <u>Ref.</u> | <u>Data</u> | <u>Name</u> | <u>Base</u> | <u>User</u> |
|-------------|----------------|--|-------------------|-------------------|
| <u>Des.</u> | <u>Element</u> | | <u>Attributes</u> | <u>Attributes</u> |
| N101 | 98 | Entity Identifier Code Code identifying an organizational entity, a physical location, property or an individual SF Ship From | M ID 2/3 | M ID 2/2 |
| N102 | 93 | Name Free-form name <i>Name of VENDOR house</i> | X AN 1/60 | O AN 1/20 |
| N103 | 66 | Identification Code Qualifier Code designating the system/method of code structure used for Identification Code (67) 9 D-U-N-S+4, D-U-N-S Number with Four Character Suffix | X ID 1/2 | O ID 1/1 |
| N104 | 67 | Identification Code Code identifying a party or other code <i>DUNS Number of VENDOR house</i> | X AN 2/80 | O AN 2/13 |

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Segment: **N3** Address Information
Position: 128
Loop: N1 Optional
Level: Heading
Usage: Optional
Max Use: 1
Purpose: To specify the location of the named party
Comments:
Usage Notes: This segment may be used or omitted

Data Element Summary

| <u>Ref.</u> | <u>Data</u> | <u>Name</u> | <u>Base</u> | <u>User</u> |
|-------------|----------------|---|-------------------|-------------------|
| <u>Des.</u> | <u>Element</u> | | <u>Attributes</u> | <u>Attributes</u> |
| N301 | 166 | Address Information | M AN 1/55 | M AN 1/30 |
| | | Address information | | |
| | | <i>Address of VENDOR house (line 1)</i> | | |
| N302 | 166 | Address Information | O AN 1/55 | O AN 1/30 |
| | | Address information | | |
| | | <i>Address of VENDOR house (line 2)</i> | | |

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Segment: **N4** Geographic Location
Position: 129
Loop: N1 Optional
Level: Heading
Usage: Optional
Max Use: 1
Purpose: To specify the geographic place of the named party
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.
Usage Notes: This segment may be used or omitted

Data Element Summary

| <u>Ref. Des.</u> | <u>Data Element</u> | <u>Name</u> | <u>Base Attributes</u> | <u>User Attributes</u> |
|------------------|---------------------|---|------------------------|------------------------|
| N401 | 19 | City Name Free-form text for city name | O AN 2/30 | O AN 2/20 |
| N402 | 156 | State or Province Code Code (Standard State/Province) as defined by appropriate government agency | O ID 2/2 | O |
| N403 | 116 | Postal Code Code defining international postal zone code excluding punctuation and blanks (zip code for United States) | O ID 3/15 | O ID 5/9 |

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Segment: **N1** Name
Position: 135
Loop: N1 Optional
Level: Heading
Usage: Optional
Max Use: 1
Purpose: To identify a party by type of organization, name, and code
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.

Usage Notes: This segment may be used or omitted

Data Element Summary

| <u>Ref.</u> <u>Des.</u> | <u>Data</u> <u>Element</u> | <u>Name</u> | <u>Base</u> <u>Attributes</u> | <u>User</u> <u>Attributes</u> |
|----------------------------|-------------------------------|--|----------------------------------|----------------------------------|
| N101 | 98 | Entity Identifier Code Code identifying an organizational entity, a physical location, property or an individual RE Party to receive commercial invoice remittance | M ID 2/3 | M ID 2/2 |
| N102 | 93 | Name Free-form name <i>Name of VENDOR house.</i> | X AN 1/60 | O AN 1/20 |
| N103 | 66 | Identification Code Qualifier Code designating the system/method of code structure used for Identification Code (67) 9 D-U-N-S+4, D-U-N-S Number with Four Character Suffix | X ID 1/2 | O ID 1/1 |
| N104 | 67 | Identification Code Code identifying a party or other code <i>DUNS Number of VENDOR house.</i> | X AN 2/80 | O AN 2/13 |

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Segment: **N3** Address Information
Position: 137
Loop: N1 Optional
Level: Heading
Usage: Optional
Max Use: 1
Purpose: To specify the location of the named party
Comments:
Usage Notes: This segment may be used or omitted

Data Element Summary

| <u>Ref.</u> | <u>Data</u> | <u>Name</u> | <u>Base</u> | <u>User</u> |
|-------------|----------------|--|-------------------|-------------------|
| <u>Des.</u> | <u>Element</u> | | <u>Attributes</u> | <u>Attributes</u> |
| N301 | 166 | Address Information | M AN 1/55 | M AN 1/30 |
| | | Address information | | |
| | | <i>Address of VENDOR house (line 1).</i> | | |
| N302 | 166 | Address Information | O AN 1/55 | O AN 1/30 |
| | | Address information | | |
| | | <i>Address of VENDOR house (line 2).</i> | | |

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Segment: **N4** Geographic Location
Position: 138
Loop: N1 Optional
Level: Heading
Usage: Optional
Max Use: 1
Purpose: To specify the geographic place of the named party
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.
Usage Notes: This segment may be used or omitted

Data Element Summary

| <u>Ref. Des.</u> | <u>Data Element</u> | <u>Name</u> | <u>Base Attributes</u> | <u>User Attributes</u> |
|------------------|---------------------|---|------------------------|------------------------|
| N401 | 19 | City Name Free-form text for city name | O AN 2/30 | O AN 2/20 |
| N402 | 156 | State or Province Code Code (Standard State/Province) as defined by appropriate government agency | O ID 2/2 | O |
| N403 | 116 | Postal Code Code defining international postal zone code excluding punctuation and blanks (zip code for United States) | O ID 3/15 | O ID 5/9 |

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Segment: **DTM** Date/Time Reference
Position: 140
Loop:
Level: Heading
Usage: Optional
Max Use: 1
Purpose: To specify pertinent dates and times
Comments:
Usage Notes: This segment may be used or omitted

Data Element Summary

| <u>Ref.</u> | <u>Data</u> | <u>Name</u> | <u>Base</u> | <u>User</u> |
|-------------|----------------|--|-------------------|-------------------|
| <u>Des.</u> | <u>Element</u> | | <u>Attributes</u> | <u>Attributes</u> |
| DTM01 | 374 | Date/Time Qualifier Code specifying type of date or time, or both date and time 003 Invoice | M ID 3/3 | M |
| DTM02 | 373 | Date Date expressed as CCYYMMDD <i>Date Invoice generated (CCYYMMDD)</i> | X DT 8/8 | O |

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Segment: **IT1** **Baseline Item Data (Invoice)**
Position: 010
Loop: IT1 Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To specify the basic and most frequently used line item data for the invoice and related transactions
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.

Usage Notes: This segment may be used or omitted

Data Element Summary

| Ref. Des. | Data Element | Name | Base Attributes | User Attributes |
|-----------|--------------|--|-----------------|-----------------|
| IT101 | 350 | Assigned Identification Alphanumeric characters assigned for differentiation within a transaction set <i>PO line number</i> | O AN 1/20 | M AN 1/4 |
| IT102 | 358 | Quantity Invoiced Number of units invoiced (supplier units) | X R 1/10 | M |
| IT103 | 355 | Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken CA Case | X ID 2/2 | M |
| IT104 | 212 | Unit Price Price per unit of product, service, commodity, etc. | X R 1/17 | M R 1/10 |
| IT105 | 639 | Basis of Unit Price Code Code identifying the type of unit price for an item UM Price per Unit of Measure | O ID 2/2 | O |
| IT106 | 235 | Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234) VN Vendor's (Seller's) Item Number | X ID 2/2 | O |
| IT107 | 234 | Product/Service ID Identifying number for a product or service <i>Invoiced SUPC Number.</i> | X AN 1/48 | M AN 1/7 |
| IT110 | 235 | Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234) OE Original Equipment Number | X ID 2/2 | O |
| IT111 | 234 | Product/Service ID Identifying number for a product or service <i>Original ordered item.</i> | X AN 1/48 | M AN 1/7 |
| IT112 | 235 | Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234) VO Vendor's Order Number | X ID 2/2 | O |
| IT113 | 234 | Product/Service ID Identifying number for a product or service <i>VENDOR Order Number (if available)</i> | X AN 1/48 | O AN 1/8 |

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| | | | | | | |
|--------------|------------|---|----------|----------------|----------|----------------|
| IT114 | 235 | Product/Service ID Qualifier | X | ID 2/2 | O | |
| | | Code identifying the type/source of the descriptive number used in Product/Service ID (234) | | | | |
| | | IN Buyer's Item Number | | | | |
| IT115 | 234 | Product/Service ID | X | AN 1/48 | O | AN 1/7 |
| | | Identifying number for a product or service | | | | |
| | | <i>Customer Item Number (if available)</i> | | | | |
| IT116 | 235 | Product/Service ID Qualifier | X | ID 2/2 | O | |
| | | Code identifying the type/source of the descriptive number used in Product/Service ID (234) | | | | |
| | | BS Bill Subgroup Code | | | | |
| IT117 | 234 | Product/Service ID | X | AN 1/48 | O | AN 1/10 |
| | | Identifying number for a product or service | | | | |
| | | <i>Buyer's Bill Subgroup code (GL Code)</i> | | | | |

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Segment: **QTY** Quantity
Position: 015
Loop: IT1 Optional
Level: Detail
Usage: Mandatory
Max Use: 1
Purpose: To specify quantity information
Comments:
Usage Notes: This segment may be used or omitted

Data Element Summary

| <u>Ref.</u> | <u>Data</u> | <u>Name</u> | <u>Base</u> | <u>User</u> |
|-------------|----------------|--|-------------------|-------------------|
| <u>Des.</u> | <u>Element</u> | | <u>Attributes</u> | <u>Attributes</u> |
| QTY01 | 673 | Quantity Qualifier Code specifying the type of quantity 01 Discrete Quantity | M ID 2/2 | M |
| QTY02 | 380 | Quantity Numeric value of quantity | X R 1/15 | M R 1/10 |
| QTY03 | C001 | Composite Unit of Measure To identify a composite unit of measure (See Figures Appendix for examples of use) | O | O |
| C00101 | 355 | Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken CA Case | M ID 2/2 | M |

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Segment: **TXI** Tax Information
Position: 040
Loop: IT1 Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To specify tax information
Comments:
Usage Notes: This segment may be used or omitted

Data Element Summary

| <u>Ref.</u> | <u>Data</u> | <u>Name</u> | <u>Base</u> | <u>User</u> |
|-------------|----------------|--|-------------------|-------------------|
| <u>Des.</u> | <u>Element</u> | | <u>Attributes</u> | <u>Attributes</u> |
| TXI01 | 963 | Tax Type Code Code specifying the type of tax LS State and Local Sales Tax | M ID 2/2 | M |
| TXI02 | 782 | Monetary Amount Monetary amount <i>Tax amount for this Item.</i> | X R 1/18 | O R 1/9 |

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Segment: **TXI** Tax Information
Position: 045
Loop: IT1 Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To specify tax information
Comments:
Usage Notes: This segment may be used or omitted

Data Element Summary

| <u>Ref.</u> | <u>Data</u> | <u>Name</u> | <u>Base</u> | <u>User</u> |
|-------------|----------------|---|-------------------|-------------------|
| <u>Des.</u> | <u>Element</u> | | <u>Attributes</u> | <u>Attributes</u> |
| TXI01 | 963 | Tax Type Code Code specifying the type of tax OH Other Taxes | M ID 2/2 | M |
| TXI02 | 782 | Monetary Amount Monetary amount <i>Beverage tax amount for this Item.</i> | X R 1/18 | O R 1/9 |

XXXXX Corporation

Segment: **CTP Pricing Information**
Position: 050
Loop: IT1 Optional
Level: Detail
Usage: Mandatory
Max Use: 1
Purpose: To specify pricing information
Comments: 1 See Figures Appendix for an example detailing the use of CTP03 and CTP04.
 See Figures Appendix for an example detailing the use of CTP03, CTP04 and CTP07.
Usage Notes: This segment may be used or omitted

Data Element Summary

| <u>Ref. Des.</u> | <u>Data Element</u> | <u>Name</u> | <u>Base Attributes</u> | <u>User Attributes</u> |
|------------------|---------------------|--|------------------------|------------------------|
| CTP01 | 687 | Class of Trade Code Code indicating class of trade DI Distributor | O ID 2/2 | O |
| CTP02 | 236 | Price Identifier Code Code identifying pricing specification INV Invoice Billing Price | X ID 3/3 | O |
| CTP03 | 212 | Unit Price Price per unit of product, service, commodity, etc. <i>Item Unit Price</i> | X R 1/17 | O R 1/10 |
| CTP04 | 380 | Quantity Numeric value of quantity <i>Quantity Invoiced</i> | X R 1/15 | O R 1/10 |
| CTP05 | C001 | Composite Unit of Measure To identify a composite unit of measure (See Figures Appendix for examples of use) | X | O |
| C00101 | 355 | Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken CA Case | M ID 2/2 | M |
| CTP06 | 648 | Price Multiplier Qualifier Code indicating the type of price multiplier SEL Selling Multiplier | O ID 3/3 | O |
| CTP07 | 649 | Multiplier Value to be used as a multiplier to obtain a new value <i>Always 1</i> | X R 1/10 | O R 1/1 |
| CTP08 | 782 | Monetary Amount Monetary amount <i>Total Extended Item Invoice Price</i> | O R 1/18 | O R 1/9 |

XXXXX Corporation

Segment: **PID** Product/Item Description
Position: 060
Loop: PID Optional
Level: Detail
Usage: Mandatory
Max Use: 1
Purpose: To describe a product or process in coded or free-form format
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.

Usage Notes: This segment may be used or omitted

Data Element Summary

| <u>Ref. Des.</u> | <u>Data Element</u> | <u>Name</u> | <u>Base Attributes</u> | <u>User Attributes</u> |
|------------------|---------------------|--|------------------------|------------------------|
| PID01 | 349 | Item Description Type Code indicating the format of a description F Free-form | M ID 1/1 | M |
| PID05 | 352 | Description A free-form description to clarify the related data elements and their content <i>Item Description</i> | X AN 1/80 | O AN 1/30 |

XXXXX Corporation

Segment: **PKG** Marking, Packaging, Loading
Position: 090
Loop: IT1 Optional
Level: Detail
Usage: Mandatory
Max Use: 1
Purpose: To describe marking, packaging, loading, and unloading requirements
Comments:

- 1 Use the MEA (Measurements) Segment to define dimensions, tolerances, weights, counts, physical restrictions, etc.
- 2 If PKG01 equals "F", then PKG05 is used. If PKG01 equals "S", then PKG04 is used. If PKG01 equals "X", then both PKG04 and PKG05 are used.
- 3 Use PKG03 to indicate the organization that publishes the code list being referred to.
- 4 Special marking or tagging data can be given in PKG05 (description).

Data Element Summary

| Ref. | Data | Name | Base | User |
|-------------|----------------|---|-------------------|-------------------|
| <u>Des.</u> | <u>Element</u> | | <u>Attributes</u> | <u>Attributes</u> |
| PKG01 | 349 | Item Description Type Code indicating the format of a description F Free-form | X ID 1/1 | O |
| PKG02 | 753 | Packaging Characteristic Code Code specifying the marking, packaging, loading and related characteristics being described PK Packing | O ID 1/5 | O |
| PKG04 | 754 | Packaging Description Code A code from an industry code list which provides specific data about the marking, packaging or loading and unloading of a product <i>Value "PG"</i> PG | X AN 1/7 | O AN 2/2 |
| PKG05 | 352 | Description A free-form description to clarify the related data elements and their content <i>Item Pack.</i> | X AN 1/80 | O AN 1/4 |

XXXXX Corporation

Segment: **PKG** Marking, Packaging, Loading
Position: 095
Loop: IT1 Optional
Level: Detail
Usage: Mandatory
Max Use: 1
Purpose: To describe marking, packaging, loading, and unloading requirements
Comments:

- 1 Use the MEA (Measurements) Segment to define dimensions, tolerances, weights, counts, physical restrictions, etc.
- 2 If PKG01 equals "F", then PKG05 is used. If PKG01 equals "S", then PKG04 is used. If PKG01 equals "X", then both PKG04 and PKG05 are used.
- 3 Use PKG03 to indicate the organization that publishes the code list being referred to.
- 4 Special marking or tagging data can be given in PKG05 (description).

Data Element Summary

| Ref. <u>Des.</u> | Data <u>Element</u> | <u>Name</u> | <u>Base</u> <u>Attributes</u> | <u>User</u> <u>Attributes</u> |
|---------------------|------------------------|---|----------------------------------|----------------------------------|
| PKG01 | 349 | Item Description Type Code indicating the format of a description F Free-form | X ID 1/1 | O |
| PKG02 | 753 | Packaging Characteristic Code Code specifying the marking, packaging, loading and related characteristics being described UP Unit Pack | O ID 1/5 | O |
| PKG04 | 754 | Packaging Description Code A code from an industry code list which provides specific data about the marking, packaging or loading and unloading of a product <i>Value "PG"</i> PG | X AN 1/7 | O AN 2/2 |
| PKG05 | 352 | Description A free-form description to clarify the related data elements and their content <i>Item Size.</i> | X AN 1/80 | O AN 1/6 |

XXXXX Corporation

Segment: **REF** Reference Identification
Position: 120
Loop: IT1 Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To specify identifying information
Comments:
Usage Notes: This segment may be used or omitted

Data Element Summary

| <u>Ref.</u> | <u>Data</u> | <u>Name</u> | <u>Base</u> | <u>User</u> |
|-------------|----------------|---|-------------------|-------------------|
| <u>Des.</u> | <u>Element</u> | | <u>Attributes</u> | <u>Attributes</u> |
| REF01 | 128 | Reference Identification Qualifier | M ID 2/3 | M ID 2/2 |
| | | Code qualifying the Reference Identification | | |
| | | OI Original Invoice Number | | |
| REF02 | 127 | Reference Identification | X AN 1/30 | O AN 1/16 |
| | | Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier | | |
| | | <i>Original Invoice Number (if credit document)</i> | | |

XXXXX Corporation

Segment: **TDS** Total Monetary Value Summary
Position: 010
Loop:
Level: Summary
Usage: Mandatory
Max Use: 1
Purpose: To specify the total invoice discounts and amounts
Comments: 1 TDS02 is required if the dollar value subject to discount is not equal to the dollar value of TDS01.

Data Element Summary

| <u>Ref.</u> | <u>Data</u> | | <u>Base</u> | <u>User</u> |
|-------------|----------------|---------------------------|-------------------|-------------------|
| <u>Des.</u> | <u>Element</u> | <u>Name</u> | <u>Attributes</u> | <u>Attributes</u> |
| TDS01 | 610 | Amount Monetary amount | M N2 1/15 | M N2 1/11 |

XXXXX Corporation

Segment: **TXI** Tax Information
Position: 020
Loop:
Level: Summary
Usage: Optional
Max Use: 1
Purpose: To specify tax information
Comments:
Usage Notes: This segment may be used or omitted

Data Element Summary

| <u>Ref.</u> | <u>Data</u> | <u>Name</u> | <u>Base</u> | <u>User</u> |
|-------------|----------------|----------------------------------|-------------------|-------------------|
| <u>Des.</u> | <u>Element</u> | | <u>Attributes</u> | <u>Attributes</u> |
| TXI01 | 963 | Tax Type Code | M ID 2/2 | M |
| | | Code specifying the type of tax | | |
| | | LS State and Local Sales Tax | | |
| TXI02 | 782 | Monetary Amount | X R 1/18 | O R 1/12 |
| | | Monetary amount | | |
| | | <i>Total Extended Tax Amount</i> | | |

XXXXX Corporation

Segment: **TXI** Tax Information
Position: 025
Loop:
Level: Summary
Usage: Optional
Max Use: 1
Purpose: To specify tax information
Comments:
Usage Notes: This segment may be used or omitted

Data Element Summary

| <u>Ref.</u> | <u>Data</u> | <u>Name</u> | <u>Base</u> | <u>User</u> |
|-------------|----------------|---|-------------------|-------------------|
| <u>Des.</u> | <u>Element</u> | | <u>Attributes</u> | <u>Attributes</u> |
| TXI01 | 963 | Tax Type Code | M ID 2/2 | M |
| | | Code specifying the type of tax | | |
| | | OH Other Taxes | | |
| TXI02 | 782 | Monetary Amount | X R 1/18 | O R 1/12 |
| | | Monetary amount | | |
| | | <i>Total Extended Beverage Tax Amount</i> | | |

XXXXX Corporation

Segment: **CAD** Carrier Detail
Position: 030
Loop:
Level: Summary
Usage: Optional
Max Use: 1
Purpose: To specify transportation details for the transaction
Comments:
Usage Notes: This segment may be used or omitted

Data Element Summary

| <u>Ref.</u> | <u>Data</u> | <u>Name</u> | <u>Base</u> | <u>User</u> |
|-------------|----------------|---|-------------------|-------------------|
| <u>Des.</u> | <u>Element</u> | | <u>Attributes</u> | <u>Attributes</u> |
| CAD01 | 91 | Transportation Method/Type Code | O ID 1/2 | O ID 1/1 |
| | | Code specifying the method or type of transportation for the shipment | | |
| | | M Motor (Common Carrier) | | |
| CAD05 | 387 | Routing | X AN 1/35 | O AN 1/4 |
| | | Free-form description of the routing or requested routing for shipment, or the originating carrier's identity | | |
| | | <i>Default "UNKN"</i> | | |

XXXXX Corporation

Segment: **CTT** Transaction Totals
Position: 070
Loop:
Level: Summary
Usage: Optional
Max Use: 1
Purpose: To transmit a hash total for a specific element in the transaction set
Comments: 1 This segment is intended to provide hash totals to validate transaction completeness and correctness.
Usage Notes: This segment may be used or omitted

Data Element Summary

| <u>Ref.</u> | <u>Data</u> | | <u>Base</u> | <u>User</u> |
|-------------|----------------|---|-------------------|-------------------|
| <u>Des.</u> | <u>Element</u> | <u>Name</u> | <u>Attributes</u> | <u>Attributes</u> |
| CTT01 | 354 | Number of Line Items Total number of line items in the transaction set | M N0 1/6 | M |

XXXXX Corporation

Segment: **SE** Transaction Set Trailer
Position: 080
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)
Comments: 1 SE is the last segment of each transaction set.

Data Element Summary

| <u>Ref. Des.</u> | <u>Data Element</u> | <u>Name</u> | <u>Base Attributes</u> | <u>User Attributes</u> |
|------------------|---------------------|--|------------------------|------------------------|
| SE01 | 96 | Number of Included Segments Total number of segments included in a transaction set including ST and SE segments | M N0 1/10 | M N0 1/6 |
| SE02 | 329 | Transaction Set Control Number Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set <i>Control Number, to match ST</i> | M AN 4/9 | M |

XXXXX Corporation

Sample Invoice EDI810 File

Please note, this text is formatted for readability.

```
ISA|00|          |00|          |ZZ|VENDORXXX
|ZZ|VENDORVENDORVENDOR|040428|0353|U|00400|000000001|0|P|>~
GS|IN|VENDORXXX|VENDORVENDORVENDOR|20040428|0353|7757|X|004010~
ST|810|4450~
BIG|20040428|123456789||||DI~
N1|ST|Some Customer Name|91|00123456~
N3|Some Street~
N4|City|ST|12345~
N1|SF|VENDOR FOOD SVCS|9|1234567890000~
N3|some Street~
N4|City|ST|12345~
N1|RE|VENDOR FOOD SVCS|9|1234567890000~
N3|some Street~
N4|City|ST|12345~
DTM|003|20040428~
IT1||2|CA|xx.xx|UM|VN|1234567|||OE|1234567|VO|00012345~
QTY|01|2|CA~
TXI|LS|6.51~
CTP|DI|INV|xx.xx|2|CA|SEL|1|xx.xx~
PID|F|||GLASS WINE PERCEPTION~
PKG|F|PK|||24~
PKG|F|UP|||13.5 Z~
IT1||1|CA|xx.xx|UM|VN|2345678|||OE|2345678|VO|00023456||BS|6~
QTY|01|1|CA~
TXI|LS|1.02~
CTP|DI|INV|xx.xx|1|CA|SEL|1|xx.xx~
PID|F|||TRUCK HAND HVY DTY FRM W/HNDLS~
PKG|F|PK|||1~
PKG|F|UP|||800LB~
IT1||2|CA|xx.xx|UM|VN|3456789|||OE|3456789|VO|00034567~
QTY|01|2|CA~
TXI|LS|.53~
CTP|DI|INV|xx.xx|2|CA|SEL|1|xx.xx~
PID|F|||SCOOP CAMWEAR CLR~
PKG|F|PK|||1~
PKG|F|UP|||24 OZ~
TDS|8693~
TXI|LS|1.02~
CAD|M|||UNKN~
CTT|3~
SE|38|4450~
GE|1|7757~
IEA|1|000007757~
```