

GHX EDI 855

855 (Purchase Order Acknowledgement)

Version: 1.9

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855 Purchase Order Acknowledgment

Functional Group=PR

Purpose: This Draft Standard for Trial Use contains the format and establishes the data contents of the Purchase Order Acknowledgment Transaction Set (855) 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 a seller's acknowledgment of a buyer's purchase order. This transaction set can also be used as notification of a vendor generated order. This usage advises a buyer that a vendor has or will ship merchandise as prearranged in their partnership.

Not Defined:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
	ISA	Interchange Control Header	M	1			Must use
	GS	Functional Group Header	M	1			Must use

Heading:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
010	ST	Transaction Set Header	M	1			Used
020	BAK	Beginning Segment for Purchase Order Acknowledgment	M	1			Used
050	REF	Reference Identification	O	>1			Used
060	PER	Administrative Communications Contact	O	3			Used

<u>LOOP ID - SAC</u>					<u>25</u>	
120	SAC	Service, Promotion, Allowance, or Charge Information	M	1		Must use

130	ITD	Terms of Sale/Deferred Terms of Sale	O	5		Used
150	DTM	Date/Time Reference	O	10		Used
275	TXI	Tax Information	O	>1		Used

<u>LOOP ID - N9</u>					<u>1000</u>	
280	N9	Reference Identification	M	1		Must use
290	MSG	Message Text	O	1000		Used

<u>LOOP ID - N1</u>					<u>200</u>	
300	N1	Name	M	1		Must use
310	N2	Additional Name Information	O	2		Used
320	N3	Address Information	O	2		Used
330	N4	Geographic Location	O	1		Used
340	REF	Reference Identification	O	12		Used
350	PER	Administrative Communications Contact	O	>1		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>
<u>LOOP ID - PO1</u>					<u>100000</u>	<u>N2/010L</u>	
010	PO1	Baseline Item Data	M	1		N2/010	Must use

<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>
040	CTP	Pricing Information	O	>1			Used
049	MEA	Measurements	O	40			Used
LOOP ID - PID					1000		
050	PID	Product/Item Description	M	1			Must use
100	REF	Reference Identification	O	>1			Not recommended
110	PER	Administrative Communications Contact	O	3			Used
190	SDQ	Destination Quantity	O	500			Used
200	DTM	Date/Time Reference	O	10			Used
240	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12			Recommended
LOOP ID - ACK					104		
270	ACK	Line Item Acknowledgment	M	1			Must use
LOOP ID - PKG					200		
303	PKG	Marking, Packaging, Loading	M	1			Must use
LOOP ID - SCH					200	N2/310L	
310	SCH	Line Item Schedule	M	1		N2/310	Must use
LOOP ID - N9					1000		
350	N9	Reference Identification	M	1			Must use
360	MSG	Message Text	O	1000			Used
LOOP ID - N1					200		
370	N1	Name	M	1			Must use
380	N2	Additional Name Information	O	2			Used
390	N3	Address Information	O	2			Used
400	N4	Geographic Location	O	1			Used

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>
LOOP ID - CTT					1	N3/010L	
010	CTT	Transaction Totals	M	1		N3/010	Must use
020	AMT	Monetary Amount	O	1		N3/020	Used
030	SE	Transaction Set Trailer	O	1			Used

Not Defined:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
	GE	Functional Group Trailer	M	1			Must use
	IEA	Interchange Control Trailer	M	1			Must use

Notes:

- 2/010L PO102 is required.
- 2/010 PO102 is required.
- 2/310L The SCH segment is used to specify various quantities of items ordered that are to be scheduled. When this segment is used the unit of measurement code (SCH02) should always be identical to the unit of

- measurement code in the associated PO1 segment (PO103) and the sum of values of quantity (SCH01) should always equal the quantity ordered (PO102) in the PO1 segment.
- 2/310 The SCH segment is used to specify various quantities of items ordered that are to be scheduled. When this segment is used the unit of measurement code (SCH02) should always be identical to the unit of measurement code in the associated PO1 segment (PO103) and the sum of values of quantity (SCH01) should always equal the quantity ordered (PO102) in the PO1 segment.
- 3/010L The number of line items (CTT01) is the accumulation of the number of PO1 segments. If used, hash total (CTT02) is the sum of the value of quantities ordered (PO102) for each PO1 segment.
- 3/010 The number of line items (CTT01) is the accumulation of the number of PO1 segments. If used, hash total (CTT02) is the sum of the value of quantities ordered (PO102) for each PO1 segment.
- 3/020 If AMT is used in the summary area, then AMT01 will = TT and AMT02 will indicate total transaction amount as calculated by the sender.

GHX Standard Guideline:

GHX Recommends the usage of the following information.

Delimiters:

Record Delimiter: ~

Field Delimiter: ^

Sub Element Delimiter |

Identifying the Partners:

Supplier to GHX:

ISA05: 01 (DUNS Number)

ISA06: Supplier DUNS Number

ISA07: 01 (DUNS Number)

ISA08: 124879334 (GHX DUNS Number)

GS02: Supplier DUNS Number

GS03: Provider DUNS Number

GHX to Provider:

ISA05: 01 (DUNS Number)

ISA06: 124879334 (GHX DUNS Number)

ISA07: 01 (DUNS Number)

ISA08: ProviderDUNS Number

GS02: Supplier DUNS Number

GS03: Provider DUNS Number

N1ST04 : HINS / GLN Number to identify the provider ShipTo Account Number.

OrderNumbers:

BuyerPONumber / ReleaseNumber in BAK03/BAK04

Supplier OrderNumber in BAK09

GHXOrderNumber in REF02 with REF01="OQ"

Statuses:

Header Status in BAK02

Line Status in ACK01. Status should be sent for all the lines.

Part Numbers:

VC - Required to identify the vendor catalog number.

IN - to identify the buyers internal part number.

UOM:

ANSI X12 supported values.

Price:

Price that would be invoiced should be sent back in PO104

ItemDescription:

Item description should be sent in PID05.

All the "GHXcellence" marked Fields should be supported.

ISA Interchange Control Header

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

User Option (Usage): Must use

Purpose: To start and identify an interchange of zero or more functional groups and interchange-related control segments

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
ISA01	I01	Authorization Information Qualifier	M	ID	2/2	Must use

Description: Code identifying the type of information in the Authorization Information

CodeList Summary (Total Codes: 7, Included: 7)

Code Name

- 00 No Authorization Information Present (No Meaningful Information in I02)
- 01 UCS Communications ID
- 02 EDX Communications ID
- 03 Additional Data Identification
- 04 Rail Communications ID
- 05 Department of Defense (DoD) Communication Identifier
- 06 United States Federal Government Communication Identifier

ISA02	I02	Authorization Information	M	AN	10/10	Must use
-------	-----	----------------------------------	---	----	-------	----------

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)

ISA03	I03	Security Information Qualifier	M	ID	2/2	Must use
-------	-----	---------------------------------------	---	----	-----	----------

Description: Code identifying the type of information in the Security Information

CodeList Summary (Total Codes: 2, Included: 2)

Code Name

- 00 No Security Information Present (No Meaningful Information in I04)
- 01 Password

ISA04	I04	Security Information	M	AN	10/10	Must use
-------	-----	-----------------------------	---	----	-------	----------

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)

ISA05	I05	Interchange ID Qualifier	M	ID	2/2	Must use
-------	-----	---------------------------------	---	----	-----	----------

Description: Code indicating the system/method of code structure used to designate the sender or receiver ID element being qualified

CodeList Summary (Total Codes: 41, Included: 9)

Code Name

- 01 Duns (Dun & Bradstreet)
- 02 SCAC (Standard Carrier Alpha Code)
- 07 Global Location Number (GLN)
- 11 DEA (Drug Enforcement Administration)

Code Name

- 12 Phone (Telephone Companies)
- 14 Duns Plus Suffix
- 16 Duns Number With 4-Character Suffix
- 20 Health Industry Number (HIN)
- ZZ Mutually Defined

ISA06 I06 **Interchange Sender ID** M AN 15/15 Must use

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

ISA07 I05 **Interchange ID Qualifier** M ID 2/2 Must use

Description: Code indicating the system/method of code structure used to designate the sender or receiver ID element being qualified

CodeList Summary (Total Codes: 41, Included: 9)

Code Name

- 01 Duns (Dun & Bradstreet)
- 02 SCAC (Standard Carrier Alpha Code)
- 07 Global Location Number (GLN)
- 11 DEA (Drug Enforcement Administration)
- 12 Phone (Telephone Companies)
- 14 Duns Plus Suffix
- 16 Duns Number With 4-Character Suffix
- 20 Health Industry Number (HIN)
- ZZ Mutually Defined

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

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 I65 **Repetition Separator** M 1/1 Must use

Description: Type is not applicable; the repetition separator is a delimiter and not a data element; this field provides the delimiter used to separate repeated occurrences of a simple data element or a composite data structure; this value must be different than the data element separator, component element separator, and the segment terminator

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

Description: Code specifying the version number of the interchange control segments

CodeList Summary (Total Codes: 18, Included: 1)

Code Name

- 00401 Standards Approved for Publication by ASC X12 Procedures Review Board through October 1997

ISA13	I12	Interchange Control Number	M	N0	9/9	Must use
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Description: A control number assigned by the interchange sender

ISA14	I13	Acknowledgment Requested	M	ID	1/1	Must use
-------	-----	---------------------------------	---	----	-----	----------

Description: Code indicating sender's request for an interchange acknowledgment

CodeList Summary (Total Codes: 2, Included: 2)

Code Name

0 No Interchange Acknowledgment Requested

1 Interchange Acknowledgment Requested (TA1)

ISA15	I14	Interchange Usage Indicator	M	ID	1/1	Must use
-------	-----	------------------------------------	---	----	-----	----------

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

CodeList Summary (Total Codes: 3, Included: 3)

Code Name

I Information

P Production Data

T Test Data

ISA16	I15	Component Element Separator	M		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 segment terminator

GS Functional Group Header

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

User Option (Usage): Must use

Purpose: To indicate the beginning of a functional group and to provide control information

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
GS01	479	Functional Identifier Code	M	ID	2/2	Must use

Description: Code identifying a group of application related transaction sets

CodeList Summary (Total Codes: 262, Included: 1)

Code Name

PR Purchase Order Acknowledgment (855)

GS02	142	Application Sender's Code	M	AN	2/15	Must use
------	-----	----------------------------------	---	----	------	----------

Description: Code identifying party sending transmission; codes agreed to by trading partners

GS03	124	Application Receiver's Code	M	AN	2/15	Must use
------	-----	------------------------------------	---	----	------	----------

Description: Code identifying party receiving transmission; codes agreed to by trading partners

GS04	373	Date	M	DT	8/8	Must use
------	-----	-------------	---	----	-----	----------

Description: Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year

GS05	337	Time	M	TM	4/8	Must use
------	-----	-------------	---	----	-----	----------

Description: Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)

GS06	28	Group Control Number	M	N0	1/9	Must use
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Description: Assigned number originated and maintained by the sender

GS07	455	Responsible Agency Code	M	ID	1/2	Must use
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Description: Code identifying the issuer of the standard; this code is used in conjunction with Data Element 480

CodeList Summary (Total Codes: 2, Included: 2)

Code Name

T Transportation Data Coordinating Committee (TDCC)

X Accredited Standards Committee X12

GS08	480	Version / Release / Industry Identifier Code	M	AN	1/12	Must use
------	-----	---	---	----	------	----------

Description: Code indicating the version, release, subrelease, and industry identifier of the EDI standard being used, including the GS and GE segments; if code in DE455 in GS segment is X, then in DE 480 positions 1-3 are the version number; positions 4-6 are the release and subrelease, level of the version; and positions 7-12 are the industry or trade

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
		association identifiers (optionally assigned by user); if code in DE455 in GS segment is T, then other formats are allowed				
		CodeList Summary (Total Codes: 49, Included: 1)				
		<u>Code</u>		<u>Name</u>		
		004010		Standards Approved for Publication by ASC X12 Procedures Review Board through October 1997		

Semantics:

1. GS04 is the group date.
2. GS05 is the group time.
3. The data interchange control number GS06 in this header must be identical to the same data element in the associated functional group trailer, GE02.

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

User Option (Usage): Used

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

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
ST01	143	Transaction Set Identifier Code	M	ID	3/3	Used

Description: Code uniquely identifying a Transaction Set

CodeList Summary (Total Codes: 298, Included: 1)

Code Name

855 Purchase Order Acknowledgment

ST02	329	Transaction Set Control Number	M	AN	4/9	Used
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Description: Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set

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).

BAK Beginning Segment for Purchase Order Acknowledgment

Pos: 020	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 10

User Option (Usage): Used

Purpose: To indicate the beginning of the Purchase Order Acknowledgment 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>
BAK01	353	Transaction Set Purpose Code	M	ID	2/2	Used

Description: Code identifying purpose of transaction set

CodeList Summary (Total Codes: 65, Included: 11)

<u>Code</u>	<u>Name</u>
00	Original
01	Cancellation
04	Change
05	Replace
06	Confirmation
08	Status
12	Not Processed
14	Advance Notification
16	Proposed
18	Reissue
22	Information Copy

BAK02	587	Acknowledgment Type	M	ID	2/2	Used
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Description: Code specifying the type of acknowledgment

GHX Standard Guideline: *GHXcellence:*

All valid standard codes are used. (Total Codes: 15)

BAK03	324	Purchase Order Number	M	AN	1/22	Used
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Description: Identifying number for Purchase Order assigned by the orderer/purchaser

GHX Standard Guideline: *GHXcellence:*

BAK04	373	Date	M	DT	8/8	Used
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Description: Date expressed as CCYYMMDD

BAK05	328	Release Number	O	AN	1/30	Used
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Description: Number identifying a release against a Purchase Order previously placed by the parties involved in the transaction

GHX Standard Guideline: *GHXcellence:*

BAK06	326	Request Reference Number	O	AN	1/45	Used
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Description: Reference number or RFQ number to use to identify a particular transaction

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
		set and query (additional reference number or description which can be used with contract number)				
BAK07	367	Contract Number	O	AN	1/30	Used
		Description: Contract number				
BAK08	127	Reference Identification	O	AN	1/30	Used
		Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier				
		GHX Standard Guideline: <i>GHXcellence:</i>				
BAK09	373	Date	O	DT	8/8	Used
		Description: Date expressed as CCYYMMDD				
BAK10	640	Transaction Type Code	O	ID	2/2	Used
		Description: Code specifying the type of transaction				
		GHX Standard Guideline: <i>All Codes are supported from EDI to EDI.</i>				
		CodeList Summary (Total Codes: 446, Included: 2)				
		Code Name				
		NE	Disposal Release Order			
		SA	Stand-alone Lease Schedule			

Semantics:

1. BAK04 is the date assigned by the purchaser to purchase order.
2. BAK08 is the seller's order number.
3. BAK09 is the date assigned by the sender to the acknowledgment.

GHX Standard Guideline:

GHXcellence:

ReleaseNumber:

EDI suppliers must return the Release Number in the BAK05 data element of the 855 EDI transaction.

Header Status:

The PO Header status sent in the Purchase Order Status helps the buyer to quickly determine the disposition of the entire PO. It is sent in the BAK02 data element. All standard codes are accepted, but at a minimum, codes AT (accepted) or RJ (rejected – no detail) must be submitted for each order.

BuyerPO Number:

For EDI suppliers, the Buyer PO Number must be sent on the EDI 855 in the BAK03 data element (Purchase Order Number).

Supplier Sales Order Number:

For EDI suppliers, their Sales Order Number is required on the EDI 855 transaction in the BAK08 data element.

REF Reference Identification

Pos: 050	Max: >1
Heading - Optional	
Loop: N/A	Elements: 3

User Option (Usage): Used

Purpose: To specify identifying information

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
REF01	128	Reference Identification Qualifier	M	ID	2/3	Used

Description: Code qualifying the Reference Identification

CodeList Summary (Total Codes: 1503, Included: 24)

Code Name

- 19 Division Identifier
- 79 Cost Account
- A1 Analysis number/Test number
- BO Bin Location Number
- BY Repair Category Number
- CA Cost Allocation Reference
- CO Customer Order Number
- CR Customer Reference Number
- CT Contract Number
- DP Department Number
- DV Diversion Authority Number
- GC Government Contract Number
- IV Seller's Invoice Number
- K6 Purchase Description
- L1 Letters or Notes
- LU Location Number
- OP Original Purchase Order
- OQ Order Number

GHX Standard Guideline:

GHXcellence:

- RE Release Number
- RQ Purchase Requisition Number
- SI Shipper's Identifying Number for Shipment (SID)
- VN Vendor Order Number
- VR Vendor ID Number
- ZZ Mutually Defined

REF02	127	Reference Identification	X	AN	1/30	Used
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Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

REF03	352	Description	X	AN	1/80	Used
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Description: A free-form description to clarify the related data elements and their content

GHX Standard Guideline: Supported only when REF01 = "CA" or "L1"

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
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Syntax Rules:

1. R0203 - At least one of REF02 or REF03 is required.

Semantics:

1. REF04 contains data relating to the value cited in REF02.

GHX Standard Guideline:

GHXcellence:

To correctly match an acknowledgment to a PO in the GHX system, the GHX assigned PO Number should be in the REF02 data element with a qualifier of 'OQ' in the REF01 data element should be sent back in the 855 document.

PER Administrative Communications Contact

Pos: 060	Max: 3
Heading - Optional	
Loop: N/A	Elements: 8

User Option (Usage): Used

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

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>
PER01	366	Contact Function Code	M	ID	2/2	Used

Description: Code identifying the major duty or responsibility of the person or group named

CodeList Summary (Total Codes: 230, Included: 12)

Code Name

- AD Accounting Department
- AR Accounts Receivable Department
- BD Buyer Name or Department
- BI Bill Inquiry Contact
- CR Customer Relations
- IC Information Contact
- NT Notification Contact
- OC Order Contact
- OD Order Department
- RQ Requestor
- SR Sales Representative or Department
- ZZ Mutually Defined

PER02	93	Name	O	AN	1/60	Used
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Description: Free-form name

PER03	365	Communication Number Qualifier	X	ID	2/2	Used
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Description: Code identifying the type of communication number

CodeList Summary (Total Codes: 40, Included: 4)

Code Name

- EM Electronic Mail
- FX Facsimile
- TE Telephone
- UR Uniform Resource Locator (URL)

PER04	364	Communication Number	X	AN	1/80	Used
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Description: Complete communications number including country or area code when applicable

PER05	365	Communication Number Qualifier	X	ID	2/2	Used
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Description: Code identifying the type of communication number

CodeList Summary (Total Codes: 40, Included: 4)

Code Name

EM Electronic Mail
 FX Facsimile
 TE Telephone
 UR Uniform Resource Locator (URL)

PER06 364 **Communication Number** X AN 1/80 Used

Description: Complete communications number including country or area code when applicable

PER07 365 **Communication Number Qualifier** X ID 2/2 Used

Description: Code identifying the type of communication number

CodeList Summary (Total Codes: 40, Included: 4)

Code Name

EM Electronic Mail
 FX Facsimile
 TE Telephone
 UR Uniform Resource Locator (URL)

PER08 364 **Communication Number** X AN 1/80 Used

Description: Complete communications number including country or area code when applicable

Syntax Rules:

1. P0304 - If either PER03 or PER04 is present, then the other is required.
2. P0506 - If either PER05 or PER06 is present, then the other is required.
3. P0708 - If either PER07 or PER08 is present, then the other is required.

Loop Service, Promotion, Allowance, or Charge Information

Pos: 120	Repeat: 25
Optional	
Loop: SAC	Elements: N/A

User Option (Usage): Used

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

Loop Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Usage</u>
120	SAC	Service, Promotion, Allowance, or Charge Information	M	1		Must use

GHX Standard Guideline:

Supported only from EDI to EDI.

SAC Service, Promotion, Allowance, or Charge Information

Pos: 120	Max: 1
Heading - Mandatory	
Loop: SAC	Elements: 8

User Option (Usage): Must use

Purpose: 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	M	ID	1/1	Used
		Description: Code which indicates an allowance or charge for the service specified All valid standard codes are used. (Total Codes: 7)				
SAC02	1300	Service, Promotion, Allowance, or Charge Code	X	ID	4/4	Used
		Description: Code identifying the service, promotion, allowance, or charge All valid standard codes are used. (Total Codes: 1053)				
SAC03	559	Agency Qualifier Code	X	ID	2/2	Used
		Description: Code identifying the agency assigning the code values All valid standard codes are used. (Total Codes: 176)				
SAC04	1301	Agency Service, Promotion, Allowance, or Charge Code	X	AN	1/10	Used
		Description: Agency maintained code identifying the service, promotion, allowance, or charge				
SAC05	610	Amount	O	N2	1/15	Used
		Description: Monetary amount				
SAC06	378	Allowance/Charge Percent Qualifier	X	ID	1/1	Used
		Description: Code indicating on what basis allowance or charge percent is calculated All valid standard codes are used. (Total Codes: 11)				
SAC07	332	Percent	X	R	1/6	Used
		Description: Percent expressed as a percent				
SAC08	118	Rate	O	R	1/9	Used
		Description: Rate expressed in the standard monetary denomination for the currency specified				

Syntax Rules:

1. C1110 - If SAC11 is present, then SAC10 is required.
2. C1413 - If SAC14 is present, then SAC13 is required.
3. C1615 - If SAC16 is present, then SAC15 is required.
4. P0304 - If either SAC03 or SAC04 is present, then the other is required.
5. P0607 - If either SAC06 or SAC07 is present, then the other is required.

6. P0910 - If either SAC09 or SAC10 is present, then the other is required.
7. R0203 - At least one of SAC02 or SAC03 is required.
8. L130204 - If SAC13 is present, then at least one of SAC02 or SAC04 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.

ITD Terms of Sale/Deferred Terms of Sale

Pos: 130	Max: 5
Heading - Optional	
Loop: N/A	Elements: 12

User Option (Usage): Used

Purpose: 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	O	ID	2/2	Used
		Description: Code identifying type of payment terms All valid standard codes are used. (Total Codes: 65)				
ITD02	333	Terms Basis Date Code	O	ID	1/2	Used
		Description: Code identifying the beginning of the terms period All valid standard codes are used. (Total Codes: 17)				
ITD03	338	Terms Discount Percent	X	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				
ITD04	370	Terms Discount Due Date	X	DT	8/8	Used
		Description: Date payment is due if discount is to be earned expressed in format CCYYMMDD				
ITD05	351	Terms Discount Days Due	X	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)				
ITD08	362	Terms Discount Amount	X	N2	1/10	Used
		Description: Total amount of terms discount				
ITD09	388	Terms Deferred Due Date	X	DT	8/8	Used
		Description: Date deferred payment or percent of invoice payable is due expressed in format CCYYMMDD				
ITD10	389	Deferred Amount Due	X	N2	1/10	Used
		Description: Deferred amount due for payment				
ITD12	352	Description	O	AN	1/80	Used
		Description: A free-form description to clarify the related data elements and their content				
ITD13	765	Day of Month	X	N0	1/2	Used

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
		Description: The numeric value of the day of the month between 1 and the maximum day of the month being referenced				

Syntax Rules:

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

Semantics:

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

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.

DTM Date/Time Reference

Pos: 150	Max: 10
Heading - Optional	
Loop: N/A	Elements: 4

User Option (Usage): Used

Purpose: To specify pertinent dates and times

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
DTM01	374	Date/Time Qualifier	M	ID	3/3	Used

Description: Code specifying type of date or time, or both date and time

CodeList Summary (Total Codes: 1112, Included: 13)

Code Name

- 002 Delivery Requested
- 004 Purchase Order
- 009 Process
- 010 Requested Ship
- 011 Shipped
- 017 Estimated Delivery
- 055 Confirmed
- 066 1st Schedule Ship
- 067 Current Schedule Delivery
- 068 Current Schedule Ship
- 069 Promised for Delivery
- 097 Transaction Creation
- ZZZ Mutually Defined

DTM02	373	Date	X	DT	8/8	Used
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Description: Date expressed as CCYYMMDD

DTM03	337	Time	X	TM	4/8	Used
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Description: Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)

DTM04	623	Time Code	X	ID	2/2	Used
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Description: Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow

CodeList Summary (Total Codes: 51, Included: 7)

Code Name

- AT Alaska Time
- CT Central Time
- ET Eastern Time
- HT Hawaii-Aleutian Time
- MT Mountain Time

<u>Code</u>	<u>Name</u>
PT	Pacific Time
TT	Atlantic Time

Syntax Rules:

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

TXI Tax Information

Pos: 275	Max: >1
Heading - Optional	
Loop: N/A	Elements: 6

User Option (Usage): Used

Purpose: To specify tax information

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
TXI01	963	Tax Type Code	M	ID	2/2	Used

Description: Code specifying the type of tax

CodeList Summary (Total Codes: 74, Included: 8)

Code Name

- CP County/Parish Sales Tax
- CS City Sales Tax
- CT County Tax
- LS State and Local Sales Tax
- LT Local Sales Tax (All Applicable Sales Taxes by Taxing Authority Below the State Level)
- ST State Sales Tax
- TX All Taxes
- ZZ Mutually Defined

TXI02	782	Monetary Amount	X	R	1/18	Used
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Description: Monetary amount

TXI03	954	Percent	X	R	1/10	Used
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Description: Percentage expressed as a decimal

TXI04	955	Tax Jurisdiction Code Qualifier	X	ID	2/2	Used
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Description: Code identifying the source of the data used in tax jurisdiction code

All valid standard codes are used. (Total Codes: 3)

TXI05	956	Tax Jurisdiction Code	X	AN	1/10	Used
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Description: Code identifying the taxing jurisdiction

TXI08	828	Dollar Basis For Percent	X	R	1/9	Used
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Description: Dollar basis to be used in the percent calculation of the allowance, charge or tax

Syntax Rules:

1. C0803 - If TXI08 is present, then TXI03 is required.
2. P0405 - If either TXI04 or TXI05 is present, then the other is required.
3. R020306 - At least one of TXI02, TXI03 or TXI06 is required.

Semantics:

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.

Loop Reference Identification

Pos: 280	Repeat: 1000
Optional	
Loop: N9	Elements: N/A

User Option (Usage): Used

Purpose: To transmit identifying information as specified by the Reference Identification Qualifier

Loop Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Usage</u>
280	N9	Reference Identification	M	1		Must use
290	MSG	Message Text	O	1000		Used

N9 Reference Identification

Pos: 280	Max: 1
Heading - Mandatory	
Loop: N9	Elements: 3

User Option (Usage): Must use

Purpose: To transmit identifying information as specified by the Reference Identification Qualifier

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
N901	128	Reference Identification Qualifier	M	ID	2/3	Used
Description: Code qualifying the Reference Identification						
CodeList Summary (Total Codes: 1503, Included: 2)						
<u>Code</u> <u>Name</u>						
L1 Letters or Notes						
ZZ Mutually Defined						
N902	127	Reference Identification	X	AN	1/30	Used
Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier						
N903	369	Free-form Description	X	AN	1/45	Used
Description: Free-form descriptive text						

Syntax Rules:

1. C0605 - If N906 is present, then N905 is required.
2. R0203 - At least one of N902 or N903 is required.

Semantics:

1. N906 reflects the time zone which the time reflects.
2. N907 contains data relating to the value cited in N902.

MSG Message Text

Pos: 290	Max: 1000
Heading - Optional	
Loop: N9	Elements: 1

User Option (Usage): Used

Purpose: To provide a free-form format that allows the transmission of text information

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
MSG01	933	Free-Form Message Text	M	AN	1/264	Used

Description: Free-form message text

Syntax Rules:

1. C0302 - If MSG03 is present, then MSG02 is required.

Semantics:

1. MSG03 is the number of lines to advance before printing.

Comments:

1. MSG02 is not related to the specific characteristics of a printer, but identifies top of page, advance a line, etc.
2. If MSG02 is "AA - Advance the specified number of lines before print" then MSG03 is required.

Loop Name

Pos: 300	Repeat: 200
Optional	
Loop: N1	Elements: N/A

User Option (Usage): Used

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

Loop Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Usage</u>
300	N1	Name	M	1		Must use
310	N2	Additional Name Information	O	2		Used
320	N3	Address Information	O	2		Used
330	N4	Geographic Location	O	1		Used
340	REF	Reference Identification	O	12		Used
350	PER	Administrative Communications Contact	O	>1		Used

N1 Name

Pos: 300	Max: 1
Heading - Mandatory	
Loop: N1	Elements: 4

User Option (Usage): Must use

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

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
N101	98	Entity Identifier Code	M	ID	2/3	Used

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

CodeList Summary (Total Codes: 1312, Included: 19)

Code Name

- BG Buying Group
- BT Bill-to-Party
- BY Buying Party (Purchaser)
- CD Consignee (To Receive Mail and Small Parcels)
- DA Delivery Address
- DB Distributor Branch
- MA Party for whom Item is Ultimately Intended
- MF Manufacturer of Goods
- PO Party to Receive Invoice for Goods or Services
- PR Payer
- RI Remit To
- SE Selling Party
- SF Ship From
- SN Store
- SO Sold To If Different From Bill To
- ST Ship To
- SU Supplier/Manufacturer
- VN Vendor
- WH Warehouse

N102	93	Name	X	AN	1/60	Used
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Description: Free-form name

N103	66	Identification Code Qualifier	X	ID	1/2	Used
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Description: Code designating the system/method of code structure used for Identification Code (67)

CodeList Summary (Total Codes: 216, Included: 9)

Code Name

- 1 D-U-N-S Number, Dun & Bradstreet
- 01 D-U-N-S Number Alternate
- 11 Drug Enforcement Administration (DEA)
- 21 Health Industry Number (HIN)
- 91 Assigned by Seller or Seller's Agent

Code Name

- 92 Assigned by Buyer or Buyer's Agent
- 94 Code assigned by the organization that is the ultimate destination of the transaction set

GHX Standard Guideline:

Supported only under N1ST.

- UL GLN
- ZZ Mutually Defined

N104 67 **Identification Code** X AN 2/80 Used

Description: Code identifying a party or other code

Syntax Rules:

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

N2 Additional Name Information

Pos: 310	Max: 2
Heading - Optional	
Loop: N1	Elements: 2

User Option (Usage): Used

Purpose: 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	M	AN	1/60	Used
		Description: Free-form name				
N202	93	Name	O	AN	1/60	Used
		Description: Free-form name				

N3 Address Information

Pos: 320	Max: 2
Heading - Optional	
Loop: N1	Elements: 2

User Option (Usage): Used

Purpose: To specify the location of the named party

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
N301	166	Address Information	M	AN	1/55	Used
		Description: Address information				
N302	166	Address Information	O	AN	1/55	Used
		Description: Address information				

N4 Geographic Location

Pos: 330	Max: 1
Heading - Optional	
Loop: N1	Elements: 4

User Option (Usage): Used

Purpose: To specify the geographic place of the named party

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
N401	19	City Name	O	AN	2/30	Used
		Description: Free-form text for city name				
N402	156	State or Province Code	O	ID	2/2	Used
		Description: Code (Standard State/Province) as defined by appropriate government agency				
N403	116	Postal Code	O	ID	3/15	Used
		Description: Code defining international postal zone code excluding punctuation and blanks (zip code for United States)				
N404	26	Country Code	O	ID	2/3	Used
		Description: Code identifying the country				

Syntax Rules:

1. 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.

REF Reference Identification

Pos: 340	Max: 12
Heading - Optional	
Loop: N1	Elements: 2

User Option (Usage): Used

Purpose: To specify identifying information

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
REF01	128	Reference Identification Qualifier	M	ID	2/3	Used

Description: Code qualifying the Reference Identification

CodeList Summary (Total Codes: 1503, Included: 3)

Code Name

- 1W Member Identification Number
- CR Customer Reference Number
- DP Department Number

REF02	127	Reference Identification	X	AN	1/30	Used
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Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

Syntax Rules:

1. R0203 - At least one of REF02 or REF03 is required.

Semantics:

1. REF04 contains data relating to the value cited in REF02.

PER Administrative Communications Contact

Pos: 350	Max: >1
Heading - Optional	
Loop: N1	Elements: 8

User Option (Usage): Used

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

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>
PER01	366	Contact Function Code	M	ID	2/2	Used

Description: Code identifying the major duty or responsibility of the person or group named

CodeList Summary (Total Codes: 230, Included: 8)

Code Name

- AD Accounting Department
- AR Accounts Receivable Department
- BD Buyer Name or Department
- BI Bill Inquiry Contact
- CR Customer Relations
- OC Order Contact
- SR Sales Representative or Department
- ZZ Mutually Defined

PER02	93	Name	O	AN	1/60	Used
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Description: Free-form name

PER03	365	Communication Number Qualifier	X	ID	2/2	Used
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Description: Code identifying the type of communication number

CodeList Summary (Total Codes: 40, Included: 4)

Code Name

- EM Electronic Mail
- FX Facsimile
- TE Telephone
- UR Uniform Resource Locator (URL)

PER04	364	Communication Number	X	AN	1/80	Used
-------	-----	----------------------	---	----	------	------

Description: Complete communications number including country or area code when applicable

PER05	365	Communication Number Qualifier	X	ID	2/2	Used
-------	-----	--------------------------------	---	----	-----	------

Description: Code identifying the type of communication number

CodeList Summary (Total Codes: 40, Included: 4)

Code Name

- EM Electronic Mail
- FX Facsimile
- TE Telephone

		<u>Code</u> <u>Name</u>				
		UR	Uniform Resource Locator (URL)			
PER06	364	Communication Number		X	AN	1/80 Used
		Description: Complete communications number including country or area code when applicable				
PER07	365	Communication Number Qualifier		X	ID	2/2 Used
		Description: Code identifying the type of communication number				
		CodeList Summary (Total Codes: 40, Included: 4)				
		<u>Code</u> <u>Name</u>				
		EM	Electronic Mail			
		FX	Facsimile			
		TE	Telephone			
		UR	Uniform Resource Locator (URL)			
PER08	364	Communication Number		X	AN	1/80 Used
		Description: Complete communications number including country or area code when applicable				

Syntax Rules:

1. P0304 - If either PER03 or PER04 is present, then the other is required.
2. P0506 - If either PER05 or PER06 is present, then the other is required.
3. P0708 - If either PER07 or PER08 is present, then the other is required.

Loop Baseline Item Data

Pos: 010 Repeat: 100000
 Optional
 Loop: PO1 Elements: N/A

User Option (Usage): Must use

Purpose: To specify basic and most frequently used line item data

Loop Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Usage</u>
010	PO1	Baseline Item Data	M	1		Must use
040	CTP	Pricing Information	O	>1		Used
049	MEA	Measurements	O	40		Used
050		Loop PID	O		1000	Recommended
100	REF	Reference Identification	O	>1		Not recommended
110	PER	Administrative Communications Contact	O	3		Used
190	SDQ	Destination Quantity	O	500		Used
200	DTM	Date/Time Reference	O	10		Used
240	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12		Recommended
270		Loop ACK	O		104	Recommended
303		Loop PKG	O		200	Used
310		Loop SCH	O		200	Used
350		Loop N9	O		1000	Used
370		Loop N1	O		200	Used

PO1 Baseline Item Data

Pos: 010	Max: 1
Detail - Mandatory	
Loop: PO1	Elements: 25

User Option (Usage): Must use

Purpose: To specify basic and most frequently used line item data

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>																												
PO101	350	Assigned Identification	O	AN	1/20	Recommended																												
Description: Alphanumeric characters assigned for differentiation within a transaction set GHX Standard Guideline: <i>GHXcellence:</i>																																		
PO102	330	Quantity Ordered	X	R	1/15	Recommended																												
Description: Quantity ordered																																		
PO103	355	Unit or Basis for Measurement Code	X	ID	2/2	Used																												
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. (Total Codes: 794)																																		
PO104	212	Unit Price	X	R	1/17	Recommended																												
Description: Price per unit of product, service, commodity, etc. GHX Standard Guideline: <i>GHXcellence:</i>																																		
PO105	639	Basis of Unit Price Code	X	ID	2/2	Used																												
Description: Code identifying the type of unit price for an item All valid standard codes are used. (Total Codes: 91)																																		
PO106	235	Product/Service ID Qualifier	X	ID	2/2	Recommended																												
Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234) GHX Standard Guideline: <i>GHXcellence:</i>																																		
CodeList Summary (Total Codes: 477, Included: 26)																																		
<table border="0"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr><td>B8</td><td>Batch Number</td></tr> <tr><td>BP</td><td>Buyer's Part Number</td></tr> <tr><td>BS</td><td>Bill Subgroup Code</td></tr> <tr><td>CB</td><td>Buyer's Catalog Number</td></tr> <tr><td>CG</td><td>Commodity Grouping</td></tr> <tr><td>CR</td><td>Contract Number</td></tr> <tr><td>EN</td><td>European Article Number (EAN) (2-5-5-1)</td></tr> <tr><td>HI</td><td>HIBC (Health Care Industry Bar Code)</td></tr> <tr><td>IN</td><td>Buyer's Item Number</td></tr> <tr><td>LT</td><td>Lot Number</td></tr> <tr><td>MF</td><td>Manufacturer</td></tr> <tr><td>MG</td><td>Manufacturer's Part Number</td></tr> <tr><td>MP</td><td>Mortgage Product Code</td></tr> </tbody> </table>							<u>Code</u>	<u>Name</u>	B8	Batch Number	BP	Buyer's Part Number	BS	Bill Subgroup Code	CB	Buyer's Catalog Number	CG	Commodity Grouping	CR	Contract Number	EN	European Article Number (EAN) (2-5-5-1)	HI	HIBC (Health Care Industry Bar Code)	IN	Buyer's Item Number	LT	Lot Number	MF	Manufacturer	MG	Manufacturer's Part Number	MP	Mortgage Product Code
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Code Name

- ND National Drug Code (NDC)
- PI Purchaser's Item Code
- R1 Replacement Subassembly Model Number
- RA Return Code
- RR Replacement Product Number
- SN Serial Number
- UK GTIN
- UP U.P.C. Consumer Package Code (1-5-5-1)
- VC Vendor's (Seller's) Catalog Number
- VN Vendor's (Seller's) Item Number

GHX Standard Guideline:
Recommended for Product Catalog Identification but not combined with 'VC'

- VO Vendor's Order Number
- VP Vendor's (Seller's) Part Number
- ZZ Mutually Defined

PO107	234	Product/Service ID	X	AN	1/48	Recommended
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Description: Identifying number for a product or service

GHX Standard Guideline: Any of these codes are valid for PO106, PO108, PO110, PO112, PO114, PO116, PO118, PO120, PO122, PO124

PO108	235	Product/Service ID Qualifier	X	ID	2/2	Used
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Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)

CodeList Summary (Total Codes: 477, Included: 25)

Code Name

- BP Buyer's Part Number
- BS Bill Subgroup Code
- CB Buyer's Catalog Number
- CG Commodity Grouping
- CR Contract Number
- EN European Article Number (EAN) (2-5-5-1)
- HI HIBC (Health Care Industry Bar Code)
- IN Buyer's Item Number
- LT Lot Number
- MF Manufacturer
- MG Manufacturer's Part Number
- MP Mortgage Product Code
- ND National Drug Code (NDC)
- PI Purchaser's Item Code
- R1 Replacement Subassembly Model Number
- RA Return Code
- RR Replacement Product Number
- SN Serial Number
- UK GTIN
- UP U.P.C. Consumer Package Code (1-5-5-1)
- VC Vendor's (Seller's) Catalog Number

Code Name

- VN Vendor's (Seller's) Item Number
- VO Vendor's Order Number
- VP Vendor's (Seller's) Part Number
- ZZ Mutually Defined

PO109 234 **Product/Service ID** X AN 1/48 Used

Description: Identifying number for a product or service

GHX Standard Guideline: Refer to PO107

PO110 235 **Product/Service ID Qualifier** X ID 2/2 Used

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

CodeList Summary (Total Codes: 477, Included: 25)

Code Name

- BP Buyer's Part Number
- BS Bill Subgroup Code
- CB Buyer's Catalog Number
- CG Commodity Grouping
- CR Contract Number
- EN European Article Number (EAN) (2-5-5-1)
- HI HIBC (Health Care Industry Bar Code)
- IN Buyer's Item Number
- LT Lot Number
- MF Manufacturer
- MG Manufacturer's Part Number
- MP Mortgage Product Code
- ND National Drug Code (NDC)
- PI Purchaser's Item Code
- R1 Replacement Subassembly Model Number
- RA Return Code
- RR Replacement Product Number
- SN Serial Number
- UK GTIN
- UP U.P.C. Consumer Package Code (1-5-5-1)
- VC Vendor's (Seller's) Catalog Number
- VN Vendor's (Seller's) Item Number
- VO Vendor's Order Number
- VP Vendor's (Seller's) Part Number
- ZZ Mutually Defined

PO111 234 **Product/Service ID** X AN 1/48 Used

Description: Identifying number for a product or service

GHX Standard Guideline: Refer to PO107

PO112 235 **Product/Service ID Qualifier** X ID 2/2 Used

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

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
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CodeList Summary (Total Codes: 477, Included: 25)

Code Name

- BP Buyer's Part Number
- BS Bill Subgroup Code
- CB Buyer's Catalog Number
- CG Commodity Grouping
- CR Contract Number
- EN European Article Number (EAN) (2-5-5-1)
- HI HIBC (Health Care Industry Bar Code)
- IN Buyer's Item Number
- LT Lot Number
- MF Manufacturer
- MG Manufacturer's Part Number
- MP Mortgage Product Code
- ND National Drug Code (NDC)
- PI Purchaser's Item Code
- R1 Replacement Subassembly Model Number
- RA Return Code
- RR Replacement Product Number
- SN Serial Number
- UK GTIN
- UP U.P.C. Consumer Package Code (1-5-5-1)
- VC Vendor's (Seller's) Catalog Number
- VN Vendor's (Seller's) Item Number
- VO Vendor's Order Number
- VP Vendor's (Seller's) Part Number
- ZZ Mutually Defined

PO113	234	Product/Service ID	X	AN	1/48	Used
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Description: Identifying number for a product or service

GHX Standard Guideline: Refer to PO107

PO114	235	Product/Service ID Qualifier	X	ID	2/2	Used
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Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)

CodeList Summary (Total Codes: 477, Included: 25)

Code Name

- BP Buyer's Part Number
- BS Bill Subgroup Code
- CB Buyer's Catalog Number
- CG Commodity Grouping
- CR Contract Number
- EN European Article Number (EAN) (2-5-5-1)
- HI HIBC (Health Care Industry Bar Code)
- IN Buyer's Item Number
- LT Lot Number

Code Name

- MF Manufacturer
- MG Manufacturer's Part Number
- MP Mortgage Product Code
- ND National Drug Code (NDC)
- PI Purchaser's Item Code
- R1 Replacement Subassembly Model Number
- RA Return Code
- RR Replacement Product Number
- SN Serial Number
- UK GTIN
- UP U.P.C. Consumer Package Code (1-5-5-1)
- VC Vendor's (Seller's) Catalog Number
- VN Vendor's (Seller's) Item Number
- VO Vendor's Order Number
- VP Vendor's (Seller's) Part Number
- ZZ Mutually Defined

PO115 234 **Product/Service ID** X AN 1/48 Used

Description: Identifying number for a product or service

GHX Standard Guideline: Refer to PO107

PO116 235 **Product/Service ID Qualifier** X ID 2/2 Used

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

CodeList Summary (Total Codes: 477, Included: 25)

Code Name

- BP Buyer's Part Number
- BS Bill Subgroup Code
- CB Buyer's Catalog Number
- CG Commodity Grouping
- CR Contract Number
- EN European Article Number (EAN) (2-5-5-1)
- HI HIBC (Health Care Industry Bar Code)
- IN Buyer's Item Number
- LT Lot Number
- MF Manufacturer
- MG Manufacturer's Part Number
- MP Mortgage Product Code
- ND National Drug Code (NDC)
- PI Purchaser's Item Code
- R1 Replacement Subassembly Model Number
- RA Return Code
- RR Replacement Product Number
- SN Serial Number
- UK GTIN
- UP U.P.C. Consumer Package Code (1-5-5-1)
- VC Vendor's (Seller's) Catalog Number

Code Name

- VN Vendor's (Seller's) Item Number
- VO Vendor's Order Number
- VP Vendor's (Seller's) Part Number
- ZZ Mutually Defined

PO117 234 **Product/Service ID** X AN 1/48 Used

Description: Identifying number for a product or service

GHX Standard Guideline: Refer to PO107

PO118 235 **Product/Service ID Qualifier** X ID 2/2 Used

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

CodeList Summary (Total Codes: 477, Included: 25)

Code Name

- BP Buyer's Part Number
- BS Bill Subgroup Code
- CB Buyer's Catalog Number
- CG Commodity Grouping
- CR Contract Number
- EN European Article Number (EAN) (2-5-5-1)
- HI HIBC (Health Care Industry Bar Code)
- IN Buyer's Item Number
- LT Lot Number
- MF Manufacturer
- MG Manufacturer's Part Number
- MP Mortgage Product Code
- ND National Drug Code (NDC)
- PI Purchaser's Item Code
- R1 Replacement Subassembly Model Number
- RA Return Code
- RR Replacement Product Number
- SN Serial Number
- UK GTIN
- UP U.P.C. Consumer Package Code (1-5-5-1)
- VC Vendor's (Seller's) Catalog Number
- VN Vendor's (Seller's) Item Number
- VO Vendor's Order Number
- VP Vendor's (Seller's) Part Number
- ZZ Mutually Defined

PO119 234 **Product/Service ID** X AN 1/48 Used

Description: Identifying number for a product or service

GHX Standard Guideline: Refer to PO107

PO120 235 **Product/Service ID Qualifier** X ID 2/2 Used

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

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
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CodeList Summary (Total Codes: 477, Included: 25)

Code Name

- BP Buyer's Part Number
- BS Bill Subgroup Code
- CB Buyer's Catalog Number
- CG Commodity Grouping
- CR Contract Number
- EN European Article Number (EAN) (2-5-5-1)
- HI HIBC (Health Care Industry Bar Code)
- IN Buyer's Item Number
- LT Lot Number
- MF Manufacturer
- MG Manufacturer's Part Number
- MP Mortgage Product Code
- ND National Drug Code (NDC)
- PI Purchaser's Item Code
- R1 Replacement Subassembly Model Number
- RA Return Code
- RR Replacement Product Number
- SN Serial Number
- UK GTIN
- UP U.P.C. Consumer Package Code (1-5-5-1)
- VC Vendor's (Seller's) Catalog Number
- VN Vendor's (Seller's) Item Number
- VO Vendor's Order Number
- VP Vendor's (Seller's) Part Number
- ZZ Mutually Defined

PO121	234	Product/Service ID	X	AN	1/48	Used
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Description: Identifying number for a product or service

GHX Standard Guideline: Refer to PO107

PO122	235	Product/Service ID Qualifier	X	ID	2/2	Used
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Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)

CodeList Summary (Total Codes: 477, Included: 25)

Code Name

- BP Buyer's Part Number
- BS Bill Subgroup Code
- CB Buyer's Catalog Number
- CG Commodity Grouping
- CR Contract Number
- EN European Article Number (EAN) (2-5-5-1)
- HI HIBC (Health Care Industry Bar Code)
- IN Buyer's Item Number
- LT Lot Number

Code Name

- MF Manufacturer
- MG Manufacturer's Part Number
- MP Mortgage Product Code
- ND National Drug Code (NDC)
- PI Purchaser's Item Code
- R1 Replacement Subassembly Model Number
- RA Return Code
- RR Replacement Product Number
- SN Serial Number
- UK GTIN
- UP U.P.C. Consumer Package Code (1-5-5-1)
- VC Vendor's (Seller's) Catalog Number
- VN Vendor's (Seller's) Item Number
- VO Vendor's Order Number
- VP Vendor's (Seller's) Part Number
- ZZ Mutually Defined

PO123 234 **Product/Service ID** X AN 1/48 Used

Description: Identifying number for a product or service

GHX Standard Guideline: Refer to PO107

PO124 235 **Product/Service ID Qualifier** X ID 2/2 Used

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

CodeList Summary (Total Codes: 477, Included: 25)

Code Name

- BP Buyer's Part Number
- BS Bill Subgroup Code
- CB Buyer's Catalog Number
- CG Commodity Grouping
- CR Contract Number
- EN European Article Number (EAN) (2-5-5-1)
- HI HIBC (Health Care Industry Bar Code)
- IN Buyer's Item Number
- LT Lot Number
- MF Manufacturer
- MG Manufacturer's Part Number
- MP Mortgage Product Code
- ND National Drug Code (NDC)
- PI Purchaser's Item Code
- R1 Replacement Subassembly Model Number
- RA Return Code
- RR Replacement Product Number
- SN Serial Number
- UK GTIN
- UP U.P.C. Consumer Package Code (1-5-5-1)
- VC Vendor's (Seller's) Catalog Number

Code Name

VN Vendor's (Seller's) Item Number
 VO Vendor's Order Number
 VP Vendor's (Seller's) Part Number
 ZZ Mutually Defined

PO125 234 **Product/Service ID** X AN 1/48 Used

Description: Identifying number for a product or service

GHX Standard Guideline: Refer to PO107

Syntax Rules:

1. C0302 - If PO103 is present, then PO102 is required.
2. C0504 - If PO105 is present, then PO104 is required.
3. P0607 - If either PO106 or PO107 is present, then the other is required.
4. P0809 - If either PO108 or PO109 is present, then the other is required.
5. P1011 - If either PO110 or PO111 is present, then the other is required.
6. P1213 - If either PO112 or PO113 is present, then the other is required.
7. P1415 - If either PO114 or PO115 is present, then the other is required.
8. P1617 - If either PO116 or PO117 is present, then the other is required.
9. P1819 - If either PO118 or PO119 is present, then the other is required.
10. P2021 - If either PO120 or PO121 is present, then the other is required.
11. P2223 - If either PO122 or PO123 is present, then the other is required.
12. P2425 - If either PO124 or PO125 is present, then the other is required.

Comments:

1. See the Data Element Dictionary for a complete list of IDs.
2. PO101 is the line item identification.
3. PO106 through PO125 provide for ten different product/service IDs per each item. For example: Case, Color, Drawing No., U.P.C. No., ISBN No., Model No., or SKU.

GHX Standard Guideline:

GHXcellence:

LineNumber:

Supplier should send back the same line number as received in the original Order 850 document.

PartNumber:

Buyers sending EDI 850 transactions often send what is referred to as the Buyer's Internal Part Number or Buyer Part Number. This data represents a unique part number identifier in their MMIS/ERP system and is used for item identification. It enables the Buyer to not only uniquely identify an item but also to associate it to multiple suppliers.

It is recommended for suppliers to send the Buyer Internal part Number with the same qualifier like "BP" or "IN" as received in the 850 back in the 855 document.

Invoice Unit Price:

For EDI suppliers, the Invoice Unit Price is required on the EDI 855 transaction in the PO104 data element. The Invoice Unit Price is the price which will appear on the Invoice to the provider or distributor.

CloseOut all Line Items:

1. All suppliers must "close out" all lines with one of the following line item statuses:
 - a. Cancelled

- b. *Denied*
 - c. *Not Approved Buyer*
 - d. *Rejected*
 - e. *Shipped ("partially shipped" can accompany one of many shipments but "shipped" should then follow to close out the final shipment of the order)*
 - f. *Unknown Item*
2. *Returning this information ensures that there is a current value for that field and therefore all reports dependent upon line statuses can:*
- a. *Be based upon criteria related to these values, e.g., basing a Line Item Fill Rate report upon all lines that have a "partially shipped" or "shipped" status*

Elements 06/07, 08/09, ..., 24/25 are qualifier/value pairs.

The valid qualifiers are defined in 06 only. 08, 10, ..., 24 should refer to 06 for valid qualifiers.

CTP Pricing Information

Pos: 040	Max: >1
Detail - Optional	
Loop: PO1	Elements: 4

User Option (Usage): Used

Purpose: To specify pricing information

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
CTP01	687	Class of Trade Code	O	ID	2/2	Used
<p>Description: Code indicating class of trade</p> <p>GHX Standard Guideline: <i>All Codes are supported.</i></p> <p>All valid standard codes are used. (Total Codes: 52)</p>						
CTP02	236	Price Identifier Code	X	ID	3/3	Used
<p>Description: Code identifying pricing specification</p> <p>GHX Standard Guideline: <i>All Codes are Supported.</i></p> <p>All valid standard codes are used. (Total Codes: 164)</p>						
CTP03	212	Unit Price	X	R	1/17	Used
<p>Description: Price per unit of product, service, commodity, etc.</p>						
CTP04	380	Quantity	X	R	1/15	Used
<p>Description: Numeric value of quantity</p>						

Syntax Rules:

1. C0607 - If CTP06 is present, then CTP07 is required.
2. C0902 - If CTP09 is present, then CTP02 is required.
3. C1002 - If CTP10 is present, then CTP02 is required.
4. C1103 - If CTP11 is present, then CTP03 is required.
5. P0405 - If either CTP04 or CTP05 is present, then the other is required.

Semantics:

1. CTP07 is a multiplier factor to arrive at a final discounted price. A multiplier of .90 would be the factor if a 10% discount is given.
2. CTP08 is the rebate amount.

Comments:

1. See Figures Appendix for an example detailing the use of CTP03 and CTP04.
2. See Figures Appendix for an example detailing the use of CTP03, CTP04 and CTP07.

MEA Measurements

Pos: 049	Max: 40
Detail - Optional	
Loop: PO1	Elements: 3

User Option (Usage): Used

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

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>
MEA01	737	Measurement Reference ID Code	O	ID	2/2	Used

Description: Code identifying the broad category to which a measurement applies

GHX Standard Guideline: All Codes are Supported.

CodeList Summary (Total Codes: 152, Included: 1)

Code Name

CT Counts

MEA02	738	Measurement Qualifier	O	ID	1/3	Used
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Description: Code identifying a specific product or process characteristic to which a measurement applies

GHX Standard Guideline: All Codes are Supported.

All valid standard codes are used. (Total Codes: 920)

MEA03	739	Measurement Value	X	R	1/20	Used
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Description: The value of the measurement

Syntax Rules:

1. C0504 - If MEA05 is present, then MEA04 is required.
2. C0604 - If MEA06 is present, then MEA04 is required.
3. E0803 - Only one of MEA08 or MEA03 may be present.
4. L07030506 - If MEA07 is present, then at least one of MEA03, MEA05 or MEA06 is required.
5. R03050608 - At least one of MEA03, MEA05, MEA06 or MEA08 is required.

Semantics:

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

Comments:

1. When citing dimensional tolerances, any measurement requiring a sign (+ or -), or any measurement where a positive (+) value cannot be assumed, use MEA05 as the negative (-) value and MEA06 as the positive (+) value.

Loop Product/Item Description

Pos: 050	Repeat: 1000
Optional	
Loop: PID	Elements: N/A

User Option (Usage): Recommended

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

Loop Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Usage</u>
050	PID	Product/Item Description	M	1		Must use

GHX Standard Guideline:

GHXcellence:

Suppliers should send the item description value.

Returning this information ensures that there is a current value for that field and therefore all subsequent reporting can display both a provider and supplier item description or, if no provider description is provided, at the least a supplier description is displayed.

PID Product/Item Description

Pos: 050	Max: 1
Detail - Mandatory	
Loop: PID	Elements: 2

User Option (Usage): Must use

Purpose: 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	M	ID	1/1	Used

Description: Code indicating the format of a description

CodeList Summary (Total Codes: 3, Included: 1)

Code Name

F Free-form

PID05	352	Description	X	AN	1/80	Used
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Description: A free-form description to clarify the related data elements and their content

Syntax Rules:

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

REF Reference Identification

Pos: 100	Max: >1
Detail - Optional	
Loop: PO1	Elements: 3

User Option (Usage): Not recommended
Purpose: To specify identifying information

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
REF01	128	Reference Identification Qualifier	M	ID	2/3	Used

Description: Code qualifying the Reference Identification

CodeList Summary (Total Codes: 1503, Included: 23)

Code Name

- 19 Division Identifier
- 79 Cost Account
- A1 Analysis number/Test number
- BO Bin Location Number
- BY Repair Category Number
- CA Cost Allocation Reference
- CR Customer Reference Number
- CT Contract Number
- DP Department Number
- DV Diversion Authority Number
- GC Government Contract Number
- IV Seller's Invoice Number
- K6 Purchase Description
- L1 Letters or Notes
- LT Lot Number
- LU Location Number
- OP Original Purchase Order
- RE Release Number
- RQ Purchase Requisition Number
- SI Shipper's Identifying Number for Shipment (SID)
- VN Vendor Order Number
- VR Vendor ID Number
- ZZ Mutually Defined

REF02	127	Reference Identification	X	AN	1/30	Used
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Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

REF03	352	Description	X	AN	1/80	Used
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Description: A free-form description to clarify the related data elements and their content

GHX Standard Guideline: Supported only when REF01 = "CA" or "L1"

Syntax Rules:

1. R0203 - At least one of REF02 or REF03 is required.

Semantics:

1. REF04 contains data relating to the value cited in REF02.

PER Administrative Communications Contact

Pos: 110	Max: 3
Detail - Optional	
Loop: PO1	Elements: 8

User Option (Usage): Used

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

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>
PER01	366	Contact Function Code	M	ID	2/2	Used

Description: Code identifying the major duty or responsibility of the person or group named

CodeList Summary (Total Codes: 230, Included: 9)

Code Name

- AD Accounting Department
- AR Accounts Receivable Department
- BD Buyer Name or Department
- BI Bill Inquiry Contact
- CR Customer Relations
- OC Order Contact
- RQ Requestor
- SR Sales Representative or Department
- ZZ Mutually Defined

PER02	93	Name	O	AN	1/60	Used
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Description: Free-form name

PER03	365	Communication Number Qualifier	X	ID	2/2	Used
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Description: Code identifying the type of communication number

CodeList Summary (Total Codes: 40, Included: 4)

Code Name

- EM Electronic Mail
- FX Facsimile
- TE Telephone
- UR Uniform Resource Locator (URL)

PER04	364	Communication Number	X	AN	1/80	Used
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Description: Complete communications number including country or area code when applicable

PER05	365	Communication Number Qualifier	X	ID	2/2	Used
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Description: Code identifying the type of communication number

CodeList Summary (Total Codes: 40, Included: 4)

Code Name

- EM Electronic Mail
- FX Facsimile

		<u>Code</u>	<u>Name</u>				
		TE	Telephone				
		UR	Uniform Resource Locator (URL)				
PER06	364	Communication Number		X	AN	1/80	Used
Description: Complete communications number including country or area code when applicable							
PER07	365	Communication Number Qualifier		X	ID	2/2	Used
Description: Code identifying the type of communication number							
CodeList Summary (Total Codes: 40, Included: 4)							
		<u>Code</u>	<u>Name</u>				
		EM	Electronic Mail				
		FX	Facsimile				
		TE	Telephone				
		UR	Uniform Resource Locator (URL)				
PER08	364	Communication Number		X	AN	1/80	Used
Description: Complete communications number including country or area code when applicable							

Syntax Rules:

1. P0304 - If either PER03 or PER04 is present, then the other is required.
2. P0506 - If either PER05 or PER06 is present, then the other is required.
3. P0708 - If either PER07 or PER08 is present, then the other is required.

SDQ Destination Quantity

Pos: 190	Max: 500
Detail - Optional	
Loop: PO1	Elements: 22

User Option (Usage): Used

Purpose: To specify destination and quantity detail

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>
SDQ01	355	Unit or Basis for Measurement Code	M	ID	2/2	Used
<p>Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken</p> <p>All valid standard codes are used. (Total Codes: 794)</p>						
SDQ02	66	Identification Code Qualifier	O	ID	1/2	Used
<p>Description: Code designating the system/method of code structure used for Identification Code (67)</p> <p>CodeList Summary (Total Codes: 216, Included: 14)</p> <p>Code Name</p> <ul style="list-style-type: none"> 1 D-U-N-S Number, Dun & Bradstreet 2 Standard Carrier Alpha Code (SCAC) 8 UCC/EAN Global Product Identification Prefix 9 D-U-N-S+4, D-U-N-S Number with Four Character Suffix 01 D-U-N-S Number Alternate 10 Department of Defense Activity Address Code (DODAAC) 11 Drug Enforcement Administration (DEA) 12 Telephone Number (Phone) 21 Health Industry Number (HIN) 91 Assigned by Seller or Seller's Agent 92 Assigned by Buyer or Buyer's Agent LI Labeler Identification Code (LIC) UL GLN ZZ Mutually Defined 						
SDQ03	67	Identification Code	M	AN	2/80	Used
<p>Description: Code identifying a party or other code</p>						
SDQ04	380	Quantity	M	R	1/15	Used
<p>Description: Numeric value of quantity</p>						
SDQ05	67	Identification Code	X	AN	2/80	Used
<p>Description: Code identifying a party or other code</p>						
SDQ06	380	Quantity	X	R	1/15	Used
<p>Description: Numeric value of quantity</p>						
SDQ07	67	Identification Code	X	AN	2/80	Used
<p>Description: Code identifying a party or other code</p>						

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
SDQ08	380	Quantity	X	R	1/15	Used
		Description: Numeric value of quantity				
SDQ09	67	Identification Code	X	AN	2/80	Used
		Description: Code identifying a party or other code				
SDQ10	380	Quantity	X	R	1/15	Used
		Description: Numeric value of quantity				
SDQ11	67	Identification Code	X	AN	2/80	Used
		Description: Code identifying a party or other code				
SDQ12	380	Quantity	X	R	1/15	Used
		Description: Numeric value of quantity				
SDQ13	67	Identification Code	X	AN	2/80	Used
		Description: Code identifying a party or other code				
SDQ14	380	Quantity	X	R	1/15	Used
		Description: Numeric value of quantity				
SDQ15	67	Identification Code	X	AN	2/80	Used
		Description: Code identifying a party or other code				
SDQ16	380	Quantity	X	R	1/15	Used
		Description: Numeric value of quantity				
SDQ17	67	Identification Code	X	AN	2/80	Used
		Description: Code identifying a party or other code				
SDQ18	380	Quantity	X	R	1/15	Used
		Description: Numeric value of quantity				
SDQ19	67	Identification Code	X	AN	2/80	Used
		Description: Code identifying a party or other code				
SDQ20	380	Quantity	X	R	1/15	Used
		Description: Numeric value of quantity				
SDQ21	67	Identification Code	X	AN	2/80	Used
		Description: Code identifying a party or other code				
SDQ22	380	Quantity	X	R	1/15	Used
		Description: Numeric value of quantity				

Syntax Rules:

1. P0506 - If either SDQ05 or SDQ06 is present, then the other is required.
2. P0708 - If either SDQ07 or SDQ08 is present, then the other is required.
3. P0910 - If either SDQ09 or SDQ10 is present, then the other is required.

4. P1112 - If either SDQ11 or SDQ12 is present, then the other is required.
5. P1314 - If either SDQ13 or SDQ14 is present, then the other is required.
6. P1516 - If either SDQ15 or SDQ16 is present, then the other is required.
7. P1718 - If either SDQ17 or SDQ18 is present, then the other is required.
8. P1920 - If either SDQ19 or SDQ20 is present, then the other is required.
9. P2122 - If either SDQ21 or SDQ22 is present, then the other is required.

Semantics:

1. SDQ23 identifies the area within the location identified in SDQ03, SDQ05, SDQ07, SDQ09, SDQ11, SDQ13, SDQ15, SDQ17, SDQ19, and SDQ21.

Comments:

1. SDQ02 is used only if different than previously defined in the transaction set.
2. SDQ03 is the store number.
3. SDQ23 may be used to identify areas within a store, e.g., front room, back room, selling outpost, end aisle display, etc. The value is agreed to by trading partners or industry conventions.

DTM Date/Time Reference

Pos: 200	Max: 10
Detail - Optional	
Loop: PO1	Elements: 5

User Option (Usage): Used

Purpose: To specify pertinent dates and times

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
DTM01	374	Date/Time Qualifier	M	ID	3/3	Used

Description: Code specifying type of date or time, or both date and time

CodeList Summary (Total Codes: 1112, Included: 8)

<u>Code</u>	<u>Name</u>
002	Delivery Requested
004	Purchase Order
009	Process
010	Requested Ship
017	Estimated Delivery
055	Confirmed
066	1st Schedule Ship
ZZZ	Mutually Defined

DTM02	373	Date	X	DT	8/8	Used
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Description: Date expressed as CCYYMMDD

DTM03	337	Time	X	TM	4/8	Used
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Description: Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)

DTM05	1250	Date Time Period Format Qualifier	X	ID	2/3	Used
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Description: Code indicating the date format, time format, or date and time format

CodeList Summary (Total Codes: 39, Included: 1)

<u>Code</u>	<u>Name</u>
TQ	Date Expressed in Format MMY

DTM06	1251	Date Time Period	X	AN	1/35	Used
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Description: Expression of a date, a time, or range of dates, times or dates and times

Syntax Rules:

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

TD5 Carrier Details (Routing Sequence/Transit Time)

Pos: 240	Max: 12
Detail - Optional	
Loop: PO1	Elements: 4

User Option (Usage): Recommended

Purpose: To specify the carrier and sequence of routing and provide transit time information

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>				
TD502	66	Identification Code Qualifier	X	ID	1/2	Used				
<p>Description: Code designating the system/method of code structure used for Identification Code (67)</p> <p>CodeList Summary (Total Codes: 215, Included: 1)</p> <table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>2</td> <td>Standard Carrier Alpha Code (SCAC)</td> </tr> </tbody> </table>							<u>Code</u>	<u>Name</u>	2	Standard Carrier Alpha Code (SCAC)
<u>Code</u>	<u>Name</u>									
2	Standard Carrier Alpha Code (SCAC)									
TD503	67	Identification Code	X	AN	2/80	Used				
<p>Description: Code identifying a party or other code</p>										
TD505	387	Routing	X	AN	1/35	Used				
<p>Description: Free-form description of the routing or requested routing for shipment, or the originating carrier's identity</p>										
TD512	284	Service Level Code	X	ID	2/2	Used				
<p>Description: Code indicating the level of transportation service or the billing service offered by the transportation carrier</p> <p>All valid standard codes are used. (Total Codes: 66)</p>										

Syntax Rules:

1. C0203 - If TD502 is present, then TD503 is required.
2. C0708 - If TD507 is present, then TD508 is required.
3. C1011 - If TD510 is present, then TD511 is required.
4. C1312 - If TD513 is present, then TD512 is required.
5. C1413 - If TD514 is present, then TD513 is required.
6. C1512 - If TD515 is present, then TD512 is required.
7. R0204050612 - At least one of TD502, TD504, TD505, TD506 or TD512 is required.

Semantics:

1. TD515 is the country where the service is to be performed.

Comments:

1. When specifying a routing sequence to be used for the shipment movement in lieu of specifying each carrier within the movement, use TD502 to identify the party responsible for defining the routing sequence, and use TD503 to identify the actual routing sequence, specified by the party identified in TD502.

Loop Line Item Acknowledgment

Pos: 270	Repeat: 104
Optional	
Loop: ACK	Elements: N/A

User Option (Usage): Recommended

Purpose: To acknowledge the ordered quantities and specify the ready date for a specific line item

Loop Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Usage</u>
270	ACK	Line Item Acknowledgment	M	1		Must use

GHX Standard Guideline:

GHXcellence:

LineStatus:

Detailed Line Status should be sent for every line that was sent in the original PO. This is sent in ACK01 data element.

The supplier should reply with all line numbers in the original order; if the original order has ten detail lines then the 855 should contain ten detail lines with status information.

ACK Line Item Acknowledgment

Pos: 270	Max: 1
Detail - Mandatory	
Loop: ACK	Elements: 26

User Option (Usage): Must use

Purpose: To acknowledge the ordered quantities and specify the ready date for a specific line item

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>
ACK01	668	Line Item Status Code	M	ID	2/2	Used

Description: Code specifying the action taken by the seller on a line item requested by the buyer

GHX Standard Guideline: *GHXcellence:*

All valid standard codes are used. (Total Codes: 26)

ACK02	380	Quantity	X	R	1/15	Used
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Description: Numeric value of quantity

ACK03	355	Unit or Basis for Measurement Code	X	ID	2/2	Used
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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. (Total Codes: 794)

ACK04	374	Date/Time Qualifier	X	ID	3/3	Used
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Description: Code specifying type of date or time, or both date and time

GHX Standard Guideline: *GHXcellence:*

The Estimated delivery date on an 855 Order Status is used to inform the customer of an approximate delivery date or shipping date. It allows the customer to plan and manage their inventory better.

For EDI suppliers, qualifiers in the ACK segment 4th data element of "017" = Estimated Delivery should exist in the 855 transaction.

CodeList Summary (Total Codes: 1112, Included: 15)

Code Name

- 002 Delivery Requested
- 011 Shipped
- 017 Estimated Delivery
- 055 Confirmed
- 067 Current Schedule Delivery
- 068 Current Schedule Ship
- 069 Promised for Delivery
- 073 Scheduled for Delivery (Prior to and Including)
- 079 Promised for Shipment
- 080 Scheduled for Shipment (After and Including)
- 100 No Shipping Schedule Established as of
- 102 Issue
- 169 Product Availability Date

Code Name

319 Failed
515 Notified

ACK05 373 **Date** X DT 8/8 Used

Description: Date expressed as CCYYMMDD

ACK06 326 **Request Reference Number** O AN 1/45 Used

Description: Reference number or RFQ number to use to identify a particular transaction set and query (additional reference number or description which can be used with contract number)

ACK07 235 **Product/Service ID Qualifier** X ID 2/2 Recommended

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

CodeList Summary (Total Codes: 477, Included: 23)

Code Name

BP Buyer's Part Number
BS Bill Subgroup Code
CB Buyer's Catalog Number
CG Commodity Grouping
CR Contract Number
DS Group ID
EN European Article Number (EAN) (2-5-5-1)
HI HIBC (Health Care Industry Bar Code)
IN Buyer's Item Number
LT Lot Number
MF Manufacturer
MG Manufacturer's Part Number
MP Mortgage Product Code
ND National Drug Code (NDC)
OP Obsolete Part Number
RA Return Code
RR Replacement Product Number
SN Serial Number
UP U.P.C. Consumer Package Code (1-5-5-1)
VC Vendor's (Seller's) Catalog Number
VN Vendor's (Seller's) Item Number
VP Vendor's (Seller's) Part Number
ZZ Mutually Defined

ACK08 234 **Product/Service ID** X AN 1/48 Recommended

Description: Identifying number for a product or service

ACK09 235 **Product/Service ID Qualifier** X ID 2/2 Used

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

CodeList Summary (Total Codes: 477, Included: 23)

Code Name

- BP Buyer's Part Number
- BS Bill Subgroup Code
- CB Buyer's Catalog Number
- CG Commodity Grouping
- CR Contract Number
- DS Group ID
- EN European Article Number (EAN) (2-5-5-1)
- HI HIBC (Health Care Industry Bar Code)
- IN Buyer's Item Number
- LT Lot Number
- MF Manufacturer
- MG Manufacturer's Part Number
- MP Mortgage Product Code
- ND National Drug Code (NDC)
- OP Obsolete Part Number
- RA Return Code
- RR Replacement Product Number
- SN Serial Number
- UP U.P.C. Consumer Package Code (1-5-5-1)
- VC Vendor's (Seller's) Catalog Number
- VN Vendor's (Seller's) Item Number
- VP Vendor's (Seller's) Part Number
- ZZ Mutually Defined

ACK10 234 **Product/Service ID** X AN 1/48 Used

Description: Identifying number for a product or service

ACK11 235 **Product/Service ID Qualifier** X ID 2/2 Used

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

CodeList Summary (Total Codes: 477, Included: 23)

Code Name

- BP Buyer's Part Number
- BS Bill Subgroup Code
- CB Buyer's Catalog Number
- CG Commodity Grouping
- CR Contract Number
- DS Group ID
- EN European Article Number (EAN) (2-5-5-1)
- HI HIBC (Health Care Industry Bar Code)
- IN Buyer's Item Number
- LT Lot Number
- MF Manufacturer
- MG Manufacturer's Part Number
- MP Mortgage Product Code
- ND National Drug Code (NDC)
- OP Obsolete Part Number

Code Name

- RA Return Code
- RR Replacement Product Number
- SN Serial Number
- UP U.P.C. Consumer Package Code (1-5-5-1)
- VC Vendor's (Seller's) Catalog Number
- VN Vendor's (Seller's) Item Number
- VP Vendor's (Seller's) Part Number
- ZZ Mutually Defined

ACK12 234 **Product/Service ID** X AN 1/48 Used

Description: Identifying number for a product or service

ACK13 235 **Product/Service ID Qualifier** X ID 2/2 Used

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

CodeList Summary (Total Codes: 477, Included: 23)

Code Name

- BP Buyer's Part Number
- BS Bill Subgroup Code
- CB Buyer's Catalog Number
- CG Commodity Grouping
- CR Contract Number
- DS Group ID
- EN European Article Number (EAN) (2-5-5-1)
- HI HIBC (Health Care Industry Bar Code)
- IN Buyer's Item Number
- LT Lot Number
- MF Manufacturer
- MG Manufacturer's Part Number
- MP Mortgage Product Code
- ND National Drug Code (NDC)
- OP Obsolete Part Number
- RA Return Code
- RR Replacement Product Number
- SN Serial Number
- UP U.P.C. Consumer Package Code (1-5-5-1)
- VC Vendor's (Seller's) Catalog Number
- VN Vendor's (Seller's) Item Number
- VP Vendor's (Seller's) Part Number
- ZZ Mutually Defined

ACK14 234 **Product/Service ID** X AN 1/48 Used

Description: Identifying number for a product or service

ACK15 235 **Product/Service ID Qualifier** X ID 2/2 Used

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

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
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CodeList Summary (Total Codes: 477, Included: 23)

Code Name

- BP Buyer's Part Number
- BS Bill Subgroup Code
- CB Buyer's Catalog Number
- CG Commodity Grouping
- CR Contract Number
- DS Group ID
- EN European Article Number (EAN) (2-5-5-1)
- HI HIBC (Health Care Industry Bar Code)
- IN Buyer's Item Number
- LT Lot Number
- MF Manufacturer
- MG Manufacturer's Part Number
- MP Mortgage Product Code
- ND National Drug Code (NDC)
- OP Obsolete Part Number
- RA Return Code
- RR Replacement Product Number
- SN Serial Number
- UP U.P.C. Consumer Package Code (1-5-5-1)
- VC Vendor's (Seller's) Catalog Number
- VN Vendor's (Seller's) Item Number
- VP Vendor's (Seller's) Part Number
- ZZ Mutually Defined

ACK16	234	Product/Service ID	X	AN	1/48	Used
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Description: Identifying number for a product or service

ACK17	235	Product/Service ID Qualifier	X	ID	2/2	Used
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Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)

CodeList Summary (Total Codes: 477, Included: 23)

Code Name

- BP Buyer's Part Number
- BS Bill Subgroup Code
- CB Buyer's Catalog Number
- CG Commodity Grouping
- CR Contract Number
- DS Group ID
- EN European Article Number (EAN) (2-5-5-1)
- HI HIBC (Health Care Industry Bar Code)
- IN Buyer's Item Number
- LT Lot Number
- MF Manufacturer
- MG Manufacturer's Part Number

Code Name

- MP Mortgage Product Code
- ND National Drug Code (NDC)
- OP Obsolete Part Number
- RA Return Code
- RR Replacement Product Number
- SN Serial Number
- UP U.P.C. Consumer Package Code (1-5-5-1)
- VC Vendor's (Seller's) Catalog Number
- VN Vendor's (Seller's) Item Number
- VP Vendor's (Seller's) Part Number
- ZZ Mutually Defined

ACK18 234 **Product/Service ID** X AN 1/48 Used

Description: Identifying number for a product or service

ACK19 235 **Product/Service ID Qualifier** X ID 2/2 Used

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

CodeList Summary (Total Codes: 477, Included: 23)

Code Name

- BP Buyer's Part Number
- BS Bill Subgroup Code
- CB Buyer's Catalog Number
- CG Commodity Grouping
- CR Contract Number
- DS Group ID
- EN European Article Number (EAN) (2-5-5-1)
- HI HIBC (Health Care Industry Bar Code)
- IN Buyer's Item Number
- LT Lot Number
- MF Manufacturer
- MG Manufacturer's Part Number
- MP Mortgage Product Code
- ND National Drug Code (NDC)
- OP Obsolete Part Number
- RA Return Code
- RR Replacement Product Number
- SN Serial Number
- UP U.P.C. Consumer Package Code (1-5-5-1)
- VC Vendor's (Seller's) Catalog Number
- VN Vendor's (Seller's) Item Number
- VP Vendor's (Seller's) Part Number
- ZZ Mutually Defined

ACK20 234 **Product/Service ID** X AN 1/48 Used

Description: Identifying number for a product or service

ACK21 235 **Product/Service ID Qualifier** X ID 2/2 Used

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
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Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)

CodeList Summary (Total Codes: 477, Included: 23)

Code Name

- BP Buyer's Part Number
- BS Bill Subgroup Code
- CB Buyer's Catalog Number
- CG Commodity Grouping
- CR Contract Number
- DS Group ID
- EN European Article Number (EAN) (2-5-5-1)
- HI HIBC (Health Care Industry Bar Code)
- IN Buyer's Item Number
- LT Lot Number
- MF Manufacturer
- MG Manufacturer's Part Number
- MP Mortgage Product Code
- ND National Drug Code (NDC)
- OP Obsolete Part Number
- RA Return Code
- RR Replacement Product Number
- SN Serial Number
- UP U.P.C. Consumer Package Code (1-5-5-1)
- VC Vendor's (Seller's) Catalog Number
- VN Vendor's (Seller's) Item Number
- VP Vendor's (Seller's) Part Number
- ZZ Mutually Defined

ACK22	234	Product/Service ID	X	AN	1/48	Used
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Description: Identifying number for a product or service

ACK23	235	Product/Service ID Qualifier	X	ID	2/2	Used
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Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)

CodeList Summary (Total Codes: 477, Included: 23)

Code Name

- BP Buyer's Part Number
- BS Bill Subgroup Code
- CB Buyer's Catalog Number
- CG Commodity Grouping
- CR Contract Number
- DS Group ID
- EN European Article Number (EAN) (2-5-5-1)
- HI HIBC (Health Care Industry Bar Code)
- IN Buyer's Item Number
- LT Lot Number

Code Name

- MF Manufacturer
- MG Manufacturer's Part Number
- MP Mortgage Product Code
- ND National Drug Code (NDC)
- OP Obsolete Part Number
- RA Return Code
- RR Replacement Product Number
- SN Serial Number
- UP U.P.C. Consumer Package Code (1-5-5-1)
- VC Vendor's (Seller's) Catalog Number
- VN Vendor's (Seller's) Item Number
- VP Vendor's (Seller's) Part Number
- ZZ Mutually Defined

ACK24 234 **Product/Service ID** X AN 1/48 Used

Description: Identifying number for a product or service

ACK25 235 **Product/Service ID Qualifier** X ID 2/2 Used

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

CodeList Summary (Total Codes: 477, Included: 23)

Code Name

- BP Buyer's Part Number
- BS Bill Subgroup Code
- CB Buyer's Catalog Number
- CG Commodity Grouping
- CR Contract Number
- DS Group ID
- EN European Article Number (EAN) (2-5-5-1)
- HI HIBC (Health Care Industry Bar Code)
- IN Buyer's Item Number
- LT Lot Number
- MF Manufacturer
- MG Manufacturer's Part Number
- MP Mortgage Product Code
- ND National Drug Code (NDC)
- OP Obsolete Part Number
- RA Return Code
- RR Replacement Product Number
- SN Serial Number
- UP U.P.C. Consumer Package Code (1-5-5-1)
- VC Vendor's (Seller's) Catalog Number
- VN Vendor's (Seller's) Item Number
- VP Vendor's (Seller's) Part Number
- ZZ Mutually Defined

ACK26 234 **Product/Service ID** X AN 1/48 Used

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
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Description: Identifying number for a product or service

Syntax Rules:

1. C0405 - If ACK04 is present, then ACK05 is required.
2. P0203 - If either ACK02 or ACK03 is present, then the other is required.
3. P0708 - If either ACK07 or ACK08 is present, then the other is required.
4. P0910 - If either ACK09 or ACK10 is present, then the other is required.
5. P1112 - If either ACK11 or ACK12 is present, then the other is required.
6. P1314 - If either ACK13 or ACK14 is present, then the other is required.
7. P1516 - If either ACK15 or ACK16 is present, then the other is required.
8. P1718 - If either ACK17 or ACK18 is present, then the other is required.
9. P1920 - If either ACK19 or ACK20 is present, then the other is required.
10. P2122 - If either ACK21 or ACK22 is present, then the other is required.
11. P2324 - If either ACK23 or ACK24 is present, then the other is required.
12. P2526 - If either ACK25 or ACK26 is present, then the other is required.
13. P2728 - If either ACK27 or ACK28 is present, then the other is required.
14. C282729 - If ACK28 is present, then ACK27 and ACK29 are required.

Semantics:

1. ACK29 Industry Reason Code may be used to identify the item status. In addition, it may be used in conjunction with ACK01 to further clarify the status.

Loop Marking, Packaging, Loading

Pos: 303	Repeat: 200
Optional	
Loop: PKG	Elements: N/A

User Option (Usage): Used

Purpose: To describe marking, packaging, loading, and unloading requirements

Loop Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Usage</u>
303	PKG	Marking, Packaging, Loading	M	1		Must use

PKG Marking, Packaging, Loading

Pos: 303	Max: 1
Detail - Mandatory	
Loop: PKG	Elements: 5

User Option (Usage): Must use

Purpose: To describe marking, packaging, loading, and unloading requirements

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>
PKG01	349	Item Description Type	X	ID	1/1	Used
		Description: Code indicating the format of a description All valid standard codes are used. (Total Codes: 3)				
PKG02	753	Packaging Characteristic Code	O	ID	1/5	Used
		Description: Code specifying the marking, packaging, loading and related characteristics being described All valid standard codes are used. (Total Codes: 44)				
PKG03	559	Agency Qualifier Code	X	ID	2/2	Used
		Description: Code identifying the agency assigning the code values All valid standard codes are used. (Total Codes: 176)				
PKG04	754	Packaging Description Code	X	AN	1/7	Used
		Description: A code from an industry code list which provides specific data about the marking, packaging or loading and unloading of a product				
PKG05	352	Description	X	AN	1/80	Used
		Description: A free-form description to clarify the related data elements and their content				

Syntax Rules:

1. C0403 - If PKG04 is present, then PKG03 is required.
2. C0501 - If PKG05 is present, then PKG01 is required.
3. R040506 - At least one of PKG04, PKG05 or PKG06 is required.

Semantics:

1. PKG04 should be used for industry-specific packaging description codes.

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).

Loop Line Item Schedule

Pos: 310	Repeat: 200
Optional	
Loop: SCH	Elements: N/A

User Option (Usage): Used

Purpose: To specify the data for scheduling a specific line-item

Loop Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Usage</u>
310	SCH	Line Item Schedule	M	1		Must use

SCH Line Item Schedule

Pos: 310	Max: 1
Detail - Mandatory	
Loop: SCH	Elements: 9

User Option (Usage): Must use

Purpose: To specify the data for scheduling a specific line-item

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>
SCH01	380	Quantity	M	R	1/15	Used
		Description: Numeric value of quantity				
SCH02	355	Unit or Basis for Measurement Code	M	ID	2/2	Used
		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. (Total Codes: 794)				
SCH03	98	Entity Identifier Code	X	ID	2/3	Used
		Description: Code identifying an organizational entity, a physical location, property or an individual				
		All valid standard codes are used. (Total Codes: 1312)				
SCH04	93	Name	X	AN	1/60	Used
		Description: Free-form name				
SCH05	374	Date/Time Qualifier	M	ID	3/3	Used
		Description: Code specifying type of date or time, or both date and time				
		CodeList Summary (Total Codes: 1112, Included: 6)				
		<u>Code</u>	<u>Name</u>			
		002	Delivery Requested			
		010	Requested Ship			
		017	Estimated Delivery			
		021	Charge Back			
		068	Current Schedule Ship			
		079	Promised for Shipment			
SCH06	373	Date	M	DT	8/8	Used
		Description: Date expressed as CCYYMMDD				
SCH08	374	Date/Time Qualifier	X	ID	3/3	Used
		Description: Code specifying type of date or time, or both date and time				
		CodeList Summary (Total Codes: 1112, Included: 6)				
		<u>Code</u>	<u>Name</u>			
		002	Delivery Requested			
		010	Requested Ship			
		017	Estimated Delivery			
		021	Charge Back			
		068	Current Schedule Ship			

		<u>Code</u>	<u>Name</u>				
		079	Promised for Shipment				
SCH09	373	Date		X	DT	8/8	Used

Description: Date expressed as CCYYMMDD

SCH11	326	Request Reference Number		O	AN	1/45	Used
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Description: Reference number or RFQ number to use to identify a particular transaction set and query (additional reference number or description which can be used with contract number)

Syntax Rules:

1. C0304 - If SCH03 is present, then SCH04 is required.
2. C0908 - If SCH09 is present, then SCH08 is required.
3. C1008 - If SCH10 is present, then SCH08 is required.
4. L080910 - If SCH08 is present, then at least one of SCH09 or SCH10 is required.

Semantics:

1. SCH12 is the schedule identification.

Comments:

1. SCH05 specifies the interpretation to be used for SCH06 and SCH07.

Loop Reference Identification

Pos: 350	Repeat: 1000
Optional	
Loop: N9	Elements: N/A

User Option (Usage): Used

Purpose: To transmit identifying information as specified by the Reference Identification Qualifier

Loop Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Usage</u>
350	N9	Reference Identification	M	1		Must use
360	MSG	Message Text	O	1000		Used

N9 Reference Identification

Pos: 350	Max: 1
Detail - Mandatory	
Loop: N9	Elements: 3

User Option (Usage): Must use

Purpose: To transmit identifying information as specified by the Reference Identification Qualifier

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
N901	128	Reference Identification Qualifier	M	ID	2/3	Used
Description: Code qualifying the Reference Identification						
CodeList Summary (Total Codes: 1503, Included: 8)						
Code Name						
BV Purchase Order Line Item Identifier (Buyer)						
E4 Charge Card Number						
L1 Letters or Notes						
ME Message Address or ID						
PO Purchase Order Number						
PV Product change information number						
ZZ Mutually Defined						
PSM Credit Card						
N902	127	Reference Identification	X	AN	1/30	Used
Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier						
N903	369	Free-form Description	X	AN	1/45	Used
Description: Free-form descriptive text						

Syntax Rules:

1. C0605 - If N906 is present, then N905 is required.
2. R0203 - At least one of N902 or N903 is required.

Semantics:

1. N906 reflects the time zone which the time reflects.
2. N907 contains data relating to the value cited in N902.

MSG Message Text

Pos: 360	Max: 1000
Detail - Optional	
Loop: N9	Elements: 1

User Option (Usage): Used

Purpose: To provide a free-form format that allows the transmission of text information

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
MSG01	933	Free-Form Message Text	M	AN	1/264	Used

Description: Free-form message text

Syntax Rules:

1. C0302 - If MSG03 is present, then MSG02 is required.

Semantics:

1. MSG03 is the number of lines to advance before printing.

Comments:

1. MSG02 is not related to the specific characteristics of a printer, but identifies top of page, advance a line, etc.
2. If MSG02 is "AA - Advance the specified number of lines before print" then MSG03 is required.

Loop Name

Pos: 370	Repeat: 200
Optional	
Loop: N1	Elements: N/A

User Option (Usage): Used

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

Loop Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Usage</u>
370	N1	Name	M	1		Must use
380	N2	Additional Name Information	O	2		Used
390	N3	Address Information	O	2		Used
400	N4	Geographic Location	O	1		Used

N1 Name

Pos: 370	Max: 1
Detail - Mandatory	
Loop: N1	Elements: 4

User Option (Usage): Must use

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

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
N101	98	Entity Identifier Code	M	ID	2/3	Used

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

CodeList Summary (Total Codes: 1312, Included: 13)

Code Name

- BT Bill-to-Party
- BY Buying Party (Purchaser)
- DB Distributor Branch
- MA Party for whom Item is Ultimately Intended
- MF Manufacturer of Goods
- RI Remit To
- SE Selling Party
- SF Ship From
- SN Store
- ST Ship To
- SU Supplier/Manufacturer
- VN Vendor
- WH Warehouse

N102	93	Name	X	AN	1/60	Used
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Description: Free-form name

N103	66	Identification Code Qualifier	X	ID	1/2	Used
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Description: Code designating the system/method of code structure used for Identification Code (67)

CodeList Summary (Total Codes: 216, Included: 6)

Code Name

- 1 D-U-N-S Number, Dun & Bradstreet
- 01 D-U-N-S Number Alternate
- 91 Assigned by Seller or Seller's Agent
- 92 Assigned by Buyer or Buyer's Agent
- 94 Code assigned by the organization that is the ultimate destination of the transaction set

GHX Standard Guideline:

This is supported only for N1ST.

- ZZ Mutually Defined

N104	67	Identification Code	X	AN	2/80	Used
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<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
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Description: Code identifying a party or other code

Syntax Rules:

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

N2 Additional Name Information

Pos: 380	Max: 2
Detail - Optional	
Loop: N1	Elements: 2

User Option (Usage): Used

Purpose: 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	M	AN	1/60	Used
		Description: Free-form name				
N202	93	Name	O	AN	1/60	Used
		Description: Free-form name				

N3 Address Information

Pos: 390	Max: 2
Detail - Optional	
Loop: N1	Elements: 2

User Option (Usage): Used

Purpose: To specify the location of the named party

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
N301	166	Address Information	M	AN	1/55	Used
		Description: Address information				
N302	166	Address Information	O	AN	1/55	Used
		Description: Address information				

N4 Geographic Location

Pos: 400	Max: 1
Detail - Optional	
Loop: N1	Elements: 4

User Option (Usage): Used

Purpose: To specify the geographic place of the named party

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
N401	19	City Name	O	AN	2/30	Used
		Description: Free-form text for city name				
N402	156	State or Province Code	O	ID	2/2	Used
		Description: Code (Standard State/Province) as defined by appropriate government agency				
N403	116	Postal Code	O	ID	3/15	Used
		Description: Code defining international postal zone code excluding punctuation and blanks (zip code for United States)				
N404	26	Country Code	O	ID	2/3	Used
		Description: Code identifying the country				

Syntax Rules:

1. 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.

Loop Transaction Totals

Pos: 010	Repeat: 1
Mandatory	
Loop: CTT	Elements: N/A

User Option (Usage): Used

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

Loop Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Usage</u>
010	CTT	Transaction Totals	M	1		Must use
020	AMT	Monetary Amount	O	1		Used

CTT Transaction Totals

Pos: 010	Max: 1
Summary - Mandatory	
Loop: CTT	Elements: 2

User Option (Usage): Must use

Purpose: 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	M	N0	1/6	Used

Description: Total number of line items in the transaction set

CTT02	347	Hash Total	O	R	1/10	Used
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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 being hashed. .18 Second occurrence of value being hashed. 1.8 Third occurrence of value being hashed. 18.01 Fourth occurrence of value being hashed. ----- 1855 Hash total prior to truncation. 855 Hash total after truncation to three-digit field.

Syntax Rules:

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

Comments:

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

AMT Monetary Amount

Pos: 020 Max: 1
 Summary - Optional
 Loop: CTT Elements: 2

User Option (Usage): Used

Purpose: To indicate the total monetary amount

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>
AMT01	522	Amount Qualifier Code	M	ID	1/3	Used
		Description: Code to qualify amount				
		All valid standard codes are used. (Total Codes: 1473)				
AMT02	782	Monetary Amount	M	R	1/18	Used
		Description: Monetary amount				

SE Transaction Set Trailer

Pos: 030	Max: 1
Summary - Optional	
Loop: N/A	Elements: 2

User Option (Usage): Used

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

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
SE01	96	Number of Included Segments	M	N0	1/10	Used
		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	Used
		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:	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

Purpose: To indicate the end of a functional group and to provide control information

Element Summary:

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

Semantics:

1. The data interchange control number GE02 in this trailer must be identical to the same data element in the associated functional group header, GS06.

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:	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

Purpose: To define the end of an interchange of zero or more functional groups and interchange-related control segments

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
IEA01	I16	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						