



850 Purchase Order

X12/V4010/850: 850 Purchase Order

Version: 1.0 Final

Author:	Seagate B2B
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Trading Partner:	
Notes:	Ansi X12 EDI 850 to be used with OEM, Distribution or Retail partners.

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850

Purchase Order

Functional Group=PO

Purpose: This Draft Standard for Trial Use contains the format and establishes the data contents of the Purchase Order Transaction Set (850) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to provide for customary and established business and industry practice relative to the placement of purchase orders for goods and services. This transaction set should not be used to convey purchase order changes or purchase order acknowledgment information.

Not Defined:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage	Page
	ISA	Interchange Control Header	M	1			Must use	5
	GS	Functional Group Header	M	1			Must use	7

Heading:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage	Page
010	ST	Transaction Set Header	M	1			Must use	9
020	BEG	Beginning Segment for Purchase Order	M	1			Must use	10
040	CUR	Currency	O	1		N1/040	Used	11
070	TAX	Tax Reference	M	>1			Used	12
080	FOB	F.O.B. Related Instructions	O	>1			Used	13
130	ITD	Terms of Sale/Deferred Terms of Sale	M	>1			Must use	14
240	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12			Used	16
LOOP ID - N9					1000			17
295	N9	Reference Identification	O	1			Used	18
300	MSG	Message Text	O	1000			Used	19
LOOP ID - N1					200			20
310	N1	Name	M	1			Must use	21
330	N3	Address Information	O	2			Used	22
340	N4	Geographic Location	O	>1			Used	23
360	PER	Administrative Communications Contact	O	>1			Used	24

Detail:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage	Page
LOOP ID - PO1					100000			25
010	PO1	Baseline Item Data	M	1		N2/010	Must use	26
LOOP ID - PID					1000			28
050	PID	Product/Item Description	O	1			Used	29
LOOP ID - SCH					200	N2/295L		30
295	SCH	Line Item Schedule	M	1		N2/295	Must use	31
LOOP ID - N9					1000			32
330	N9	Reference Identification	O	1			Used	33
340	MSG	Message Text	O	1000			Used	34

Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage	Page
LOOP ID - CTT					1	N3/010L		35

010	CTT	Transaction Totals	M	1	N3/010	Must use	36
030	SE	Transaction Set Trailer	M	1		Must use	37

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>	<u>Page</u>
	GE	Functional Group Trailer	M	1			Must use	38
	IEA	Interchange Control Trailer	M	1			Must use	39

Notes:

- 1/040 Include CUR segment if monetary values contained in the EDI 850 are other than USD.
- 2/010 PO102 is required.
- 2/295L 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.
- 2/295 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.

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 to identify the type of information in the Authorization Information						
		<u>Code</u>	<u>Name</u>			
		00	No Authorization Information Present (No Meaningful Information in I02)			
ISA02	I02	Authorization Information	O	AN	10/10	Not used
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 to identify the type of information in the Security Information						
		<u>Code</u>	<u>Name</u>			
		00	No Security Information Present (No Meaningful Information in I04)			
ISA04	I04	Security Information	O	AN	10/10	Not used
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: Qualifier to designate the system/method of code structure used to designate the sender or receiver ID element being qualified						
Record Name: Header Position 72						
Example: edi_interchange_qualifier						
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						
Record Name: Header Position 2						
Example: edi_interchange_partner_id						
ISA07	I05	Interchange ID Qualifier	M	ID	2/2	Must use
Description: Qualifier to designate the system/method of code structure used to designate the sender or receiver ID element being qualified						
		<u>Code</u>	<u>Name</u>			
		01	Duns (Dun & Bradstreet)			
ISA08	I07	Interchange Receiver ID	M	AN	15/15	Must use
Description: Identification code published by the receiver of the data; When sending, it is used by the sender as their sending ID, thus other parties sending to them will use this as a receiving ID to route data to them						

User Note 1: *Seagate Production ISA ID: 098533326*
Seagate Test ISA ID: 098533326TST

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						
		<u>Code</u>	<u>Name</u>			
		PO	Purchase Order (850)			
GS02	142	Application Sender's Code	M	AN	2/15	Must use
Description: Code identifying party sending transmission; codes agreed to by trading partners						
Record Name: Header Position 37						
Example: edi_group_partner_id						
User Note 1: <i>Seagate Production GS ID: 098533326</i>						
<i>Seagate Test GS ID: 098533326TST</i>						
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						
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
Description: Assigned number originated and maintained by the sender						
Record Name: Header Position 100						
Example: group_control_number						
GS07	455	Responsible Agency Code	M	ID	1/2	Must use
Description: Code identifying the issuer of the standard; this code is used in conjunction with Data Element 480						
		<u>Code</u>	<u>Name</u>			
		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 association identifiers (optionally assigned by user); if code in DE455 in GS segment is T, then other formats are allowed						
		<u>Code</u>	<u>Name</u>			
		004010	Draft 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.

User Note 1:

Sample Data: GS*PO*XXXXXXXXXX*098533326*100107*0735*9071*X*004010~

ST Transaction Set Header

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

User Option (Usage): Must use

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	Must use

Description: Code uniquely identifying a Transaction Set

Record Name: Header Position 123

Example: transaction_type

<u>Code</u>	<u>Name</u>
850	Purchase Order

ST02	329	Transaction Set Control Number	M	AN	4/9	Must use
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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

Record Name: Header Position 109

Example: transaction_control_number

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).

User Note 1:

Sample Data: ST*850*24784~

BEG Beginning Segment for Purchase Order

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

User Option (Usage): Must use

Purpose: To indicate the beginning of the Purchase Order Transaction Set and transmit identifying numbers and dates

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
BEG01	353	Transaction Set Purpose Code	M	ID	2/2	Not used

Description: Code identifying purpose of transaction set

Code	Name
00	Original

BEG02	92	Purchase Order Type Code	M	ID	2/2	Must use
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Description: Code specifying the type of Purchase Order

Record Name: Header Position 187

Example: po_type

User Note 1: *If your company sends codes other than those specified, please consult the EDI contact person.*

Code	Name
BE	Blanket Order/Estimated Quantities (Not firm Commitment)
DS	Dropship

User Note 1:

Seagate will support Drop Ships and the use of Drop Ship code 'DS' at a future date. If Purchase Order product is intended to be drop shipped and 'DS' code is included, then N103 and N104 should not contain values.

NE	New Order
RL	Release or Delivery Order
SA	Stand-alone Order

BEG03	324	Purchase Order Number	M	AN	1/22	Must use
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Description: Identifying number for Purchase Order assigned by the orderer/purchaser

Record Name: Header Position 129

Example: po_number

BEG05	373	Date	M	DT	8/8	Must use
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Description: Date expressed as CCYYMMDD

Record Name: Header Position 179

Example: po_date (MMDDYYYY)

Semantics:

1. BEG05 is the date assigned by the purchaser to purchase order.

User Note 1:

Sample Data: *BEG*00*NE*CH2372853**100105~*

CUR Currency

Pos: 040	Max: 1
Heading - Optional	
Loop: N/A	Elements: 2

User Option (Usage): Used

Purpose: To specify the currency (dollar, euro, real, etc.) used in a transaction

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
CUR01	98	Entity Identifier Code	M	ID	2/3	Must use

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

Code	Name
BY	Buying Party (Purchaser)

CUR02	100	Currency Code	C	ID	3/3	Used
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Description: Code (Standard ISO) for country in whose currency the charges are specified

Record Name: Shipto Position 278

Example: local_currency_code

User Note 1: *Seagate will assume currency is USD if not specified.*

Include local currency code if not USD.

Syntax Rules:

1. C0807 - If CUR08 is present, then CUR07 is required.
2. C0907 - If CUR09 is present, then CUR07 is required.
3. L101112 - If CUR10 is present, then at least one of CUR11 or CUR12 is required.
4. C1110 - If CUR11 is present, then CUR10 is required.
5. C1210 - If CUR12 is present, then CUR10 is required.
6. L131415 - If CUR13 is present, then at least one of CUR14 or CUR15 is required.
7. C1413 - If CUR14 is present, then CUR13 is required.
8. C1513 - If CUR15 is present, then CUR13 is required.
9. L161718 - If CUR16 is present, then at least one of CUR17 or CUR18 is required.
10. C1716 - If CUR17 is present, then CUR16 is required.
11. C1816 - If CUR18 is present, then CUR16 is required.
12. L192021 - If CUR19 is present, then at least one of CUR20 or CUR21 is required.
13. C2019 - If CUR20 is present, then CUR19 is required.
14. C2119 - If CUR21 is present, then CUR19 is required.

Comments:

1. See Figures Appendix for examples detailing the use of the CUR segment.

User Note 1:

Sample Data: CUR*BY*USD~

TAX Tax Reference

Pos: 070	Max: >1
Heading - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Used

Purpose: To provide data required for proper notification/determination of applicable taxes applying to the transaction or business described in the transaction

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
TAX01	325	Tax Identification Number	C	AN	1/20	Used

Description: Number assigned to a purchaser (buyer, orderer) by a taxing jurisdiction (state, county, etc.); often called a tax exemption number or certificate number

Record Name: ShipTos Position 81

Example: customer_exemption_number

User Note 1: *Tax id or tax exemption number. Include only if TAX12 = '1'.*

TAX12	441	Tax Exempt Code	O	ID	1/1	Used
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Description: Code identifying exemption status from sales and use tax

Record Name: ShipTos Position 79

Example: tax_status

Code	Name
1	Yes (Tax Exempt)
2	No (Not Tax Exempt)

Syntax Rules:

1. R0103 - At least one of TAX01 or TAX03 is required.
2. P0203 - If either TAX02 or TAX03 is present, then the other is required.
3. P0405 - If either TAX04 or TAX05 is present, then the other is required.
4. P0607 - If either TAX06 or TAX07 is present, then the other is required.
5. P0809 - If either TAX08 or TAX09 is present, then the other is required.
6. P1011 - If either TAX10 or TAX11 is present, then the other is required.

Comments:

1. Tax ID number is, in many instances, referred to as a Tax Exemption Number. The paired (combined) use of data elements 309 and 310 provides for the designation of five taxing jurisdictions.
2. TAX01 is required if tax exemption is being claimed.

User Note 1:

Tax segment is needed only if product is shipped to countries other than the United States and European countries. Contact the EDI representative for use.

Sample Data: TAX*478231*1~

FOB F.O.B. Related Instructions

Pos: 080	Max: >1
Heading - Optional	
Loop: N/A	Elements: 3

User Option (Usage): Used

Purpose: To specify transportation instructions relating to shipment

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>								
FOB01	146	Shipment Method of Payment	O	ID	2/2	Used								
<p>Description: Code identifying payment terms for transportation charges Record Name: Header Position 426 Example: po_freight_terms</p> <table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>CC</td> <td>Collect</td> </tr> <tr> <td>PC</td> <td>Prepaid but Charged to Customer</td> </tr> <tr> <td>PP</td> <td>Prepaid (by Seller)</td> </tr> </tbody> </table>							<u>Code</u>	<u>Name</u>	CC	Collect	PC	Prepaid but Charged to Customer	PP	Prepaid (by Seller)
<u>Code</u>	<u>Name</u>													
CC	Collect													
PC	Prepaid but Charged to Customer													
PP	Prepaid (by Seller)													
FOB02	309	Location Qualifier	O	ID	1/2	Used								
<p>Description: Code identifying type of location Record Name: Header Position 256 Example: fob_code</p> <table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>DE</td> <td>Destination (Shipping)</td> </tr> <tr> <td>OR</td> <td>Origin (Shipping Point)</td> </tr> </tbody> </table>							<u>Code</u>	<u>Name</u>	DE	Destination (Shipping)	OR	Origin (Shipping Point)		
<u>Code</u>	<u>Name</u>													
DE	Destination (Shipping)													
OR	Origin (Shipping Point)													
FOB03	352	Description	O	AN	1/80	Recommended								
<p>Description: A free-form description to clarify the related data elements and their content Record Name: Header Position 286 Example: fob_description</p> <p>User Note 1: <i>Seagate allows 30 characters for FOB03.</i></p>														

Syntax Rules:

1. C0302 - If FOB03 is present, then FOB02 is required.
2. C0405 - If FOB04 is present, then FOB05 is required.
3. C0706 - If FOB07 is present, then FOB06 is required.
4. C0809 - If FOB08 is present, then FOB09 is required.

Semantics:

1. FOB01 indicates which party will pay the carrier.
2. FOB02 is the code specifying transportation responsibility location.
3. FOB06 is the code specifying the title passage location.
4. FOB08 is the code specifying the point at which the risk of loss transfers. This may be different than the location specified in FOB02/FOB03 and FOB06/FOB07.

User Note 1:

Sample Data: *FOB*PC*OR*SHIP PER ROUTING GUIDE~*

ITD

Terms of Sale/Deferred Terms of Sale

Pos: 130	Max: >1
Heading - Mandatory	
Loop: N/A	Elements: 6

User Option (Usage): Must use
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	M	ID	2/2	Used								
		Description: Code identifying type of payment terms Record Name: Header Position 800 Example: pay_terms_type_code <table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>01</td> <td>Basic</td> </tr> <tr> <td>02</td> <td>End of Month (EOM)</td> </tr> <tr> <td>03</td> <td>Fixed Date</td> </tr> </tbody> </table>					<u>Code</u>	<u>Name</u>	01	Basic	02	End of Month (EOM)	03	Fixed Date
<u>Code</u>	<u>Name</u>													
01	Basic													
02	End of Month (EOM)													
03	Fixed Date													
ITD02	333	Terms Basis Date Code	M	ID	1/2	Used								
		Description: Code identifying the beginning of the terms period Record Name: Header Position 840 Example: pay_terms_date_code <table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>3</td> <td>Invoice Date</td> </tr> <tr> <td>5</td> <td>Invoice Receipt Date</td> </tr> <tr> <td>15</td> <td>Receipt of Goods</td> </tr> </tbody> </table>					<u>Code</u>	<u>Name</u>	3	Invoice Date	5	Invoice Receipt Date	15	Receipt of Goods
<u>Code</u>	<u>Name</u>													
3	Invoice Date													
5	Invoice Receipt Date													
15	Receipt of Goods													
ITD03	338	Terms Discount Percent	M	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 Record Name: Header Position 219 Example: pay_terms_discount_percent												
ITD05	351	Terms Discount Days Due	M	N0	1/3	Used								
		Description: Number of days in the terms discount period by which payment is due if terms discount is earned Record Name: Header Position 225 Example: pay_terms_discount_days												
ITD07	386	Terms Net Days	M	N0	1/3	Used								
		Description: Number of days until total invoice amount is due (discount not applicable) Record Name: Header Position 228 Example: pay_terms_net_days												
ITD12	352	Description	O	AN	1/80	Used								
		Description: A free-form description to clarify the related data elements and their content Record Name: Header Position 880 Example: pay_terms_description												

Syntax Rules:

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

User Note 1:

Sample Data: ITD*01*3*1**15**30*****Net 30~

TD5 Carrier Details (Routing Sequence/Transit Time)

Pos: 240	Max: 12
Heading - Optional	
Loop: N/A	Elements: 2

User Option (Usage): Used

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>
TD501	133	Routing Sequence Code	O	ID	1/2	Used
Description: Code describing the relationship of a carrier to a specific shipment movement						
		<u>Code</u>	<u>Name</u>			
		B	Origin/Delivery Carrier (Any Mode)			
TD505	387	Routing	X	AN	1/35	Used
Description: Free-form description of the routing or requested routing for shipment, or the originating carrier's identity						
Record Name: Details Position 39						
Example: po_carrier						

Syntax Rules:

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

User Note 1:

*TD5*B****See Routing Guide~*

Loop N9

Pos: 295	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>
295	N9	Reference Identification	O	1		Used
300	MSG	Message Text	O	1000		Used

N9**Reference Identification**

Pos: 295	Max: 1
Heading - Optional	
Loop: N9	Elements: 2

User Option (Usage): Used**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	Must use

Description: Code qualifying the Reference Identification

<u>Code</u>	<u>Name</u>
ZZ	Mutually Defined

N902	127	Reference Identification	X	AN	1/30	Not 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 N902 or N903 is required.
2. C0605 - If N906 is present, then N905 is required.

Semantics:

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

User Note 1:*Message or notes can be sent at either the header or line level.**Sample Data: N9*ZZ*Note~*

MSG Message Text

Pos: 300	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	Must use

Description: Free-form message text

Record Name: Notes Position 11

Example: note

User Note 1: *Seagate allows 80 characters for MSG01.*

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.

User Note 1:

Sample Data: *MSG*PO Note goes here~*

Loop N1

Pos: 310	Repeat: 200
Mandatory	
Loop: N1	Elements: N/A

User Option (Usage): Must use

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>
310	N1	Name	M	1		Must use
330	N3	Address Information	O	2		Used
340	N4	Geographic Location	O	>1		Used
360	PER	Administrative Communications Contact	O	>1		Used

N1

Name

Pos: 310	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	Must use

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

<u>Code</u>	<u>Name</u>
ST	Ship To

N102	93	Name	X	AN	1/60	Used
------	----	------	---	----	------	------

Description: Free-form name

Record Name: ShipTo Position 101

Example: customer_name

User Note 1: *Seagate allows 35 characters for N102.*

N103	66	Identification Code Qualifier	X	ID	1/2	Not used
------	----	-------------------------------	---	----	-----	----------

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

<u>Code</u>	<u>Name</u>
92	Assigned by Buyer or Buyer's Agent

N104	67	Identification Code	M	AN	2/80	Must use
------	----	---------------------	---	----	------	----------

Description: Code identifying a party or other code

Record Name: ShipTo Position 2

Example: partner_location_code

User Note 1: *Seagate allows 17 characters for N104.*

Code that identifies where product is to be shipped.

This code is referenced to Seagate's internal ship-to customer number.

Please send to the EDI contact the codes and their corresponding addresses that will be sent in the N104.

Syntax Rules:

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

User Note 1:

Sample Data: N1*ST*Company Name*92*BLT~

N3 Address Information

Pos: 330	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	Must use

Description: Address information
Record Name: ShipTo Position 136
Example: Address1

User Note 1: *Seagate allows 35 characters for N301.*

N302	166	Address Information	O	AN	1/55	Used
------	-----	---------------------	---	----	------	------

Description: Address information
Record Name: ShipTo Position 171
Example: Address2

User Note 1: *Seagate allows 35 characters for N302.*

User Note 1:

Sample Data: N3*980 LUNT AVENUE* Bldg 2~

N4 Geographic Location

Pos: 340	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
<p>Description: Free-form text for city name Record Name: ShipTo Position 241 Example: city User Note 1: <i>Seagate allows 19 characters for N401.</i></p>						
N402	156	State or Province Code	O	ID	2/2	Used
<p>Description: Code (Standard State/Province) as defined by appropriate government agency Record Name: ShipTo Position 260 Example: State or Province</p>						
N403	116	Postal Code	O	ID	3/15	Used
<p>Description: Code defining international postal zone code excluding punctuation and blanks (zip code for United States) Record Name: ShipTo Position 262 Example: postal_code User Note 1: <i>Seagate allows 12 characters for N403.</i></p>						
N404	26	Country Code	O	ID	2/3	Used
<p>Description: Code identifying the country Record Name: ShipTo Position 276 Example: country User Note 1: <i>Seagate allows 2 characters for N404.</i> <i>Only an ISO 2-character country code is acceptable.</i></p>						

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.

User Note 1:

Sample Data: N4*BALTIMORE VILLAGE*MD*65437*US~

PER Administrative Communications Contact

Pos: 360	Max: >1
Heading - Optional	
Loop: N1	Elements: 4

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	O	ID	2/2	Used
Description: Code identifying the major duty or responsibility of the person or group named						
		<u>Code</u>	<u>Name</u>			
		BD	Buyer Name or Department			
PER02	93	Name	O	AN	1/60	Used
Description: Free-form name						
Record Name: Lines Position 151						
Example: buyer_name						
User Note 1: <i>Seagate allows 35 characters for PER02.</i>						
PER03	365	Communication Number Qualifier	O	ID	2/2	Used
Description: Code identifying the type of communication number						
		<u>Code</u>	<u>Name</u>			
		TE	Telephone			
PER04	364	Communication Number	O	AN	1/80	Used
Description: Complete communications number including country or area code when applicable						
Record Name: Lines Position 186						
Example: buyer_phone						
User Note 1: <i>Seagate allows 25 characters for PER04.</i>						

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.

User Note 1:

Sample Data: PER*BD*ROBERT SMITHSON*TE*612-894-3206~

Loop PO1

Pos: 010	Repeat: 100000
Mandatory	
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
050		Loop PID	O		1000	Used
295		Loop SCH	M		200	Must use
330		Loop N9	O		1000	Used

PO1 Baseline Item Data

Pos: 010	Max: 1
Detail - Mandatory	
Loop: PO1	Elements: 11

User Option (Usage): Must use

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

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
PO101	350	Assigned Identification	M	AN	1/20	Must use

Description: Alphanumeric characters assigned for differentiation within a transaction set

Record Name: Lines Position 2

Example: po_line_number

User Note 1: *PO Line Number.*

Seagate allows 11 characters for PO101.

PO102	330	Quantity Ordered	M	R	1/15	Must use
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Description: Quantity ordered

Record Name: Lines Position 128

Example: total_quantity

User Note 1: *Seagate allows 9 characters for PO102.*

PO103	355	Unit or Basis for Measurement Code	O	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

Record Name: Lines Position 123

Example: po_part_uom_code

Code	Name
EA	Each

PO104	212	Unit Price	M	R	1/17	Used
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Description: Price per unit of product, service, commodity, etc.

Record Name: Lines Position 137

Example: po_price

User Note 1: *Price per each individual item. Not bundled.*

Seagate allows 14 characters for PO104.

PO105	639	Basis of Unit Price Code	O	ID	2/2	Used
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Description: Code identifying the type of unit price for an item

Code	Name
PE	Price per Each

PO106	235	Product/Service ID Qualifier	M	ID	2/2	Must use
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Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Code	Name
BP	Buyer's Part Number

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

Record Name: Lines Position 13

Example: po_part_number (map only 1 of PO107/09 or 11)

User Note 1: *Seagate allows 30 characters for PO107.*

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

<u>Code</u>	<u>Name</u>
VP	Vendor's (Seller's) Part Number

PO109	234	Product/Service ID	C	AN	1/48	Used
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Description: Identifying number for a product or service

Record Name: Lines Position 13

Example: po_part_number (map only 1 of PO107/09 or 11)

User Note 1: *Seagate allows 30 characters for PO109.*

PO110	235	Product/Service ID Qualifier	M	ID	2/2	Used
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Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)

<u>Code</u>	<u>Name</u>
UP	U.P.C. Consumer Package Code (1-5-5-1)

PO111	234	Product/Service ID	C	AN	1/48	Used
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Description: Identifying number for a product or service

Record Name: Lines Position 13

Example: po_part_number (map only 1 of PO107/09 or 11)

User Note 1: *Seagate allows 30 characters for PO111.*

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.

User Note 1:

Sample Data: *PO1*0001*800*EA*160**BP*ST3146356SS~*

Loop PID

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

User Option (Usage): Used

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	O	1		Used

PID Product/Item Description

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

User Option (Usage): Used

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

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
PID01	349	Item Description Type	M	ID	1/1	Must use

Description: Code indicating the format of a description

Code	Name
F	Free-form

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

Record Name: Lines Position 43

Example: po_part_description

Syntax Rules:

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

Semantics:

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

Comments:

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

User Note 1:

Sample Data: PID*F***2TB INTERNAL KIT 5900.11 SATA INT 5900 RPM 32MB 3.5IN~

Loop SCH

Pos: 295	Repeat: 200
Mandatory	
Loop: SCH Elements: N/A	

User Option (Usage): Must use

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>
295	SCH	Line Item Schedule	M	1		Must use

SCH Line Item Schedule

Pos: 295 Max: 1
 Detail - Mandatory
 Loop: SCH Elements: 4

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	Must use
Description: Numeric value of quantity						
SCH02	355	Unit or Basis for Measurement Code	M	ID	2/2	Must use
Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken						
		<u>Code</u>	<u>Name</u>			
		EA	Each			
SCH05	374	Date/Time Qualifier	M	ID	3/3	Must use
Description: Code specifying type of date or time, or both date and time						
		<u>Code</u>	<u>Name</u>			
		002	Delivery Requested			
User Note 1:						
<i>Seagate's system requires 'requested dock date'. If a code other than '002' will be sent, please contact the Seagate EDI representative. If a date qualifer other than '002' is sent, the information will be provided as note text to Seagate's users.</i>						
SCH06	373	Date	M	DT	8/8	Must use
Description: Date expressed as CCYYMMDD						
Record Name: Details Position 13						
Example: requested_ship_date						

Syntax Rules:

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

Semantics:

1. SCH12 is the schedule identification.

Comments:

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

User Note 1:

Sample Data: SCH*4*EA***002*091217~

Loop N9

Pos: 330	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>
330	N9	Reference Identification	O	1		Used
340	MSG	Message Text	O	1000		Used

N9**Reference Identification**

Pos: 330	Max: 1
Detail - Optional	
Loop: N9	Elements: 2

User Option (Usage): Used**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	Must use

Description: Code qualifying the Reference Identification

<u>Code</u>	<u>Name</u>
ZZ	Mutually Defined

N902	127	Reference Identification	X	AN	1/30	Not used
------	-----	--------------------------	---	----	------	----------

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 N902 or N903 is required.
2. C0605 - If N906 is present, then N905 is required.

Semantics:

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

User Note 1:*Message or notes can be sent at either the header or line level.**Sample Data: N9*ZZ*Note~*

MSG Message Text

Pos: 340	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	Must use

Description: Free-form message text

Record Name: Notes Position 11

Example: Note text

User Note 1: *Seagate allows 80 characters for MSG01.*

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.

User Note 1:

Sample Data: *MSG*PO Note goes here~*

Loop CTT

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

User Option (Usage): Must use

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

CTT Transaction Totals

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

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	Must use

Description: Total number of line items in the transaction set

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.

User Note 1:

Sample Data: CTT*1~

SE Transaction Set Trailer

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

User Option (Usage): Must use

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	Must use

Description: Total number of segments included in a transaction set including ST and SE segments

SE02	329	Transaction Set Control Number	M	AN	4/9	Must use
------	-----	---------------------------------------	---	----	-----	----------

Description: Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set

Comments:

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

User Note 1:

Sample Data: SE*19*24784~

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.

User Note 1:

Sample Data: GE*1*9071~

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:

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

User Note 1:

Sample Data: IEA*1*000008105~

Sample file:

```

ISA*00*          *00*          *12*XXXXXXXXXXXXX   *01*098533326
*100107*0735*U*00400*000008105*0*P*|~
GS*PO*XXXXXXXXXX*098533326*100107*0735*9071*X*004010~
ST*850*24784~
BEG*00*NE*CH2372853**100105~
CUR*BY*USD~
TAX*478231*1~
FOB*PC*OR*SHIP PER ROUTING GUIDE~
ITD*01*3*1*20100115*15*20100115*30*****Net 30~
TD5*B****See Routing Guide~
N9*ZZ*Note~
MSG*PO Note goes here~
N1*ST**92*BLT~
N3*980 LUNT AVENUE* Bldg 2~
N4*BALTIMORE VILLAGE*MD*65437*US~
PER*BD*ROBERT SMITHSON*TE*612-894-3206~
PO1*0001*800*EA*160**BP*ST3146356SS~
PID*X***2TB INTERNAL KIT 5900.11 SATA  INT 5900 RPM 32MB 3.5IN~
SCH*4*EA***010*091217~
N9*ZZ*Note~
MSG*PO Note goes here~
CTT*1~
SE*19*20~
GE*1*24784~
    
```

*IEA*1*000008105~*