



Distributor POS Message 867

X12/V3060/867: 867 Distributor Point Of Sale

Author: Seagate B2B
Publication:
Trading Partner:
Notes: Distribution or Retail partners.

Specification contains Serial Number/SPA reporting while retaining all CRM ship-to/bill-to CRM name and address requirements

867**Product Transfer and Resale Report****Functional Group=PT**

This Draft Standard for Trial Use contains the format and establishes the data contents of the Product Transfer and Resale Report Transaction Set (867) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to: (1) report information about product that has been transferred from one location to another; (2) report sales of product from one or more locations to an end customer; or (3) report sales of a product from one or more locations to an end customer, and demand beyond actual sales (lost orders). Report may be issued by either buyer or seller.

Segments:

<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			Used
	GS	Functional Group Header	M	1			Used

Heading:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
010	ST	Transaction Set Header	M	1			Must use
020	BPT	Beginning Segment for Product Transfer and Resale	M	1			Must use

<u>LOOP ID - N1</u>					<u>5</u>		
080	N1	Name	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>
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<u>LOOP ID - PTD</u>					<u>>1</u>		
010	PTD	Product Transfer and Resale Detail	M	1			Must use
020	DTM	Date/Time Reference	O	10			Used

<u>LOOP ID - N1</u>					<u>5</u>		
050	N1	Name	O	1			Used
070	N3	Address Information	O	2			Used
080	N4	Geographic Location	O	1			Used

<u>LOOP ID - N1</u>					<u>5</u>		
050	N1	Name	O	1			Used
070	N3	Address Information	O	2			Used
080	N4	Geographic Location	O	1			Used

<u>LOOP ID - QTY</u>					<u>>1</u>		
110	QTY	Quantity	O	1			Used

<u>LOOP ID - QTY</u>					<u>>1</u>		
110	QTY	Quantity	O	1			Used
120	LIN	Item Identification	O	1			Used
130	UIT	Unit Detail	O	12			Used
130	UIT	Unit Detail	O	12			Used
190	REF	Reference Identification	O	>1			Used
190	REF	Reference Identification	O	>1			Used
190	REF	Reference Identification	O	>1			Used
190	REF	Reference Identification	O	>1			Used
190	REF	Reference Identification	O	>1			Used
220	CUR	Currency	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					<u>1</u>		
010	CTT	Transaction Totals	O	1		N3/010	Used

Segments:

<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			Used
	IEA	Interchange Control Trailer	M	1			Used

Notes:

3/010 The number of line items (CTT01) is the accumulation of the number of LIN segments. If used, hash total (CTT02) is the sum of the value of quantities (QTY02) for each QTY segment.

User Note 1:

Please discuss positioning of the REF segments in the sales reporting structure with the Seagate IT contact.

ISA**Interchange Control Header**

Pos:	Max: 1
- Mandatory	
Loop: N/A	Elements: 16

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 Description: Code to identify the type of information in the Authorization Information	M	ID	2/2	Must use
		<u>Code</u> <u>Name</u>				
		00 No Authorization Information Present (No Meaningful Information in I02)				
ISA02	I02	Authorization Information Description: Information used for additional identification or authorization of the interchange sender or the data in the interchange; the type of information is set by the Authorization Information Qualifier (I01)	M	AN	10/10	Must use
ISA03	I03	Security Information Qualifier Description: Code to identify the type of information in the Security Information	M	ID	2/2	Must use
		<u>Code</u> <u>Name</u>				
		00 No Security Information Present (No Meaningful Information in I04)				
ISA04	I04	Security Information Description: This is used for identifying the security information about the interchange sender or the data in the interchange; the type of information is set by the Security Information Qualifier (I03)	M	AN	10/10	Must use
ISA05	I05	Interchange ID Qualifier Description: Qualifier to designate the system/method of code structure used to designate the sender or receiver ID element being qualified	M	ID	2/2	Must use
		<u>Code</u> <u>Name</u>				
		01 Duns (Dun & Bradstreet)				
ISA06	I06	Interchange Sender ID Description: Identification code published by the sender for other parties to use as the receiver ID to route data to them; the sender always codes this value in the sender ID element	M	AN	15/15	Must use
ISA07	I05	Interchange ID Qualifier Description: Qualifier to designate the system/method of code structure used to designate the sender or receiver ID element being qualified	M	ID	2/2	Must use
		<u>Code</u> <u>Name</u>				
		01 Duns (Dun & Bradstreet)				
ISA08	I07	Interchange Receiver ID 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	M	AN	15/15	Must use
ISA09	I08	Interchange Date Description: Date of the interchange	M	DT	6/6	Must use

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
ISA10	I09	Interchange Time Description: Time of the interchange	M	TM	4/4	Must use
ISA11	I10	Interchange Control Standards Identifier Description: Code to identify the agency responsible for the control standard used by the message that is enclosed by the interchange header and trailer All valid standard codes are used.	M	ID	1/1	Must use
ISA12	I11	Interchange Control Version Number Description: This version number covers the interchange control segments	M	ID	5/5	Must use
		<u>Code</u> <u>Name</u>				
		00306 Draft Standards for Trial Use Approved for Publication by ASC X12 Procedures Review Board through October 1995				
ISA13	I12	Interchange Control Number Description: A control number assigned by the interchange sender	M	N0	9/9	Must use
ISA14	I13	Acknowledgment Requested Description: Code sent by the sender to request an interchange acknowledgment (TA1)	M	ID	1/1	Must use
		<u>Code</u> <u>Name</u>				
		0 No Acknowledgment Requested				
ISA15	I14	Test Indicator Description: Code to indicate whether data enclosed by this interchange envelope is test or production All valid standard codes are used.	M	ID	1/1	Must use
ISA16	I15	Component Element Separator Description: 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	M	AN	1/1	Must use

GS**Functional Group Header**

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

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 Description: Code identifying a group of application related transaction sets	M	ID	2/2	Must use
		<u>Code</u> <u>Name</u>				
		PT Product Transfer and Resale Report (867)				
GS02	142	Application Sender's Code Description: Code identifying party sending transmission; codes agreed to by trading partners	M	AN	2/15	Must use
GS03	124	Application Receiver's Code Description: Code identifying party receiving transmission. Codes agreed to by trading partners	M	AN	2/15	Must use
GS04	373	Date Description: Date (YYMMDD)	M	DT	6/6	Must use
GS05	337	Time Description: Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)	M	TM	4/8	Must use
GS06	28	Group Control Number Description: Assigned number originated and maintained by the sender	M	N0	1/9	Must use
GS07	455	Responsible Agency Code Description: Code used in conjunction with Data Element 480 to identify the issuer of the standard	M	ID	1/2	Must use
		<u>Code</u> <u>Name</u>				
		X Accredited Standards Committee X12				
GS08	480	Version / Release / Industry Identifier Code Description: Code indicating the version, release, subrelease, and industry identifier of the EDI standard being used, including the GS and GE segments; if code in DE455 in GS segment is X, then in DE 480 positions 1-3 are the version number; positions 4-6 are the release and 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	M	AN	1/12	Must use
		<u>Code</u> <u>Name</u>				
		003060 Draft Standards Approved for Publication by ASC X12 Procedures Review Board through October 1995				

Semantics:

- GS04 is the group date.
- GS05 is the group time.
- 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

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

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
ST01	143	Transaction Set Identifier Code Description: Code uniquely identifying a Transaction Set All valid standard codes are used.	M	ID	3/3	Must use
ST02	329	Transaction Set Control Number Description: Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	M	AN	4/9	Must use

Semantics:

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

BPT**Beginning Segment for Product Transfer and Resale**

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

To indicate the beginning of the Product Transfer and Resale Report Transaction Set and transmit identifying 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>
BPT01	353	Transaction Set Purpose Code Description: Code identifying purpose of transaction set	M	ID	2/2	Must use
		<u>Code</u> <u>Name</u>				
		00 Original				
BPT02	127	Reference Identification Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	O	AN	1/30	Not used
BPT03	373	Date Description: Date (YYMMDD)	M	DT	6/6	Must use
BPT04	755	Report Type Code Description: Code indicating the title or contents of a document, report or supporting item	M	ID	2/2	Must use
		User Note 1: <i>02=Resale should be used when reporting sale of distributor owned product.</i>				
		<u>Code</u> <u>Name</u>				
		02 Resale				

Syntax:

1. BPT05 P0506 -- If either BPT05 or BPT06 are present, then the others are required.

Semantics:

1. BPT02 identifies the transfer/resale number.
2. BPT03 identifies the transfer/resale date.
3. BPT08 identifies the transfer/resale time.
4. BPT09 is used when it is necessary to reference a Previous Report Number.

N1**Name**

Pos: 080	Max: 1
Heading - Optional	
Loop: N1	Elements: 4

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

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
N101	98	Entity Identifier Code Description: Code identifying an organizational entity, a physical location, or an individual	M	ID	2/2	Must use
		<u>Code</u> <u>Name</u> SF Ship From				
N102	93	Name Description: Free-form name User Note 1: <i>Distributor name or branch name.</i>	M	AN	1/35	Used
N103	66	Identification Code Qualifier Description: Code designating the system/method of code structure used for Identification Code (67)	M	ID	1/2	Used
		<u>Code</u> <u>Name</u> 92 Assigned by Buyer or Buyer's Agent				
N104	67	Identification Code Description: Code identifying a party or other code User Note 1: <i>The warehouse code will be used when reporting sales</i>	C	AN	2/20	Must use

Syntax:

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

Comments:

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

PTD**Product Transfer and Resale Detail**

Pos: 010	Max: 1
Detail - Mandatory	
Loop: PTD	Elements: 1

To indicate the start of detail information relating to the transfer/resale of a product and provide identifying 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>
PTD01	521	Product Transfer Type Code Description: Code identifying the type of product transfer	M	ID	2/2	Must use
User Note 1: <i>SS=Stock Sale is used to report sales to distributor's customers.</i>						
		<u>Code</u> <u>Name</u>				
		SS Stock Sale				

Syntax:

1. PTD02 P0203 -- If either PTD02 or PTD03 are present, then the others are required.
2. PTD04 P0405 -- If either PTD04 or PTD05 are present, then the others are required.

DTM Date/Time Reference

Pos: 020	Max: 10
Detail - Optional	
Loop: PTD	Elements: 2

To specify pertinent dates and times

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
DTM01	374	Date/Time Qualifier Description: Code specifying type of date or time, or both date and time	M	ID	3/3	Must use
		<u>Code</u> <u>Name</u>				
		003 Invoice				
DTM02	373	Date Description: Date (YYMMDD)	C	DT	6/6	Must use
		User Note 1: <i>Date of invoice to customer.</i>				

Syntax:

1. DTM02 R020306 -- At least one of DTM02, DTM03 or DTM06 is required.
2. DTM06 P0607 -- If either DTM06 or DTM07 are present, then the others are required.

N1**Name**

Pos: 050	Max: 1
Detail - Optional	
Loop: N1	Elements: 4

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

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
N101	98	Entity Identifier Code Description: Code identifying an organizational entity, a physical location, or an individual	M	ID	2/2	Must use
		<u>Code</u> <u>Name</u>				
		BT Bill-to-Party				
N102	93	Name Description: Free-form name	M	AN	1/35	Must use
		User Note 1: <i>Distributor's bill-to customer name.</i>				
N103	66	Identification Code Qualifier Description: Code designating the system/method of code structure used for Identification Code (67)	M	ID	1/2	Used
		<u>Code</u> <u>Name</u>				
		92 Assigned by Buyer or Buyer's Agent				
N104	67	Identification Code Description: Code identifying a party or other code	C	AN	2/20	Must use
		User Note 1: <i>Value in this field can be the distributor's internal number used to identify their customer if not reported in REF segment with IT qualifier.</i>				
		<i>Distributor's customer number must be reported and in only one place - either N104 of Bill-to loop or REF02 where REF01 = IT.</i>				

Syntax:

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

Comments:

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

User Note 1:

Seagate requires the N1/N3/N4 Bill-to loop when reporting sales.

N3**Address Information**

Pos: 070	Max: 2
Detail - Optional	
Loop: N1	Elements: 2

To specify the location of the named party

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
N301	166	Address Information Description: Address information	M	AN	1/35	Must use
N302	166	Address Information Description: Address information	O	AN	1/35	Used

N4**Geographic Location**

Pos: 080	Max: 1
Detail - Optional	
Loop: N1	Elements: 4

To specify the geographic place of the named party

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
N401	19	City Name Description: Free-form text for city name User Note 1: <i>Bill-to city name in bill-to loop.</i>	M	AN	2/30	Must use
N402	156	State or Province Code Description: Code (Standard State/Province) as defined by appropriate government agency	M	ID	2/2	Must use
N403	116	Postal Code Description: Code defining international postal zone code excluding punctuation and blanks (zip code for United States) User Note 1: <i>Bill-to zip code in bill-to loop.</i>	M	ID	3/15	Must use
N404	26	Country Code Description: Code identifying the country	M	ID	2/3	Must use

Syntax:

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

Comments:

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

N1**Name**

Pos: 050	Max: 1
Detail - Optional	
Loop: N1	Elements: 4

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

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
N101	98	Entity Identifier Code Description: Code identifying an organizational entity, a physical location, or an individual	M	ID	2/2	Must use
		<u>Code</u> <u>Name</u>				
		ST Ship To				
N102	93	Name Description: Free-form name User Note 1: <i>Ship-to customer name.</i>	M	AN	1/35	Must use
N103	66	Identification Code Qualifier Description: Code designating the system/method of code structure used for Identification Code (67)	M	ID	1/2	Used
		<u>Code</u> <u>Name</u>				
		92 Assigned by Buyer or Buyer's Agent				
N104	67	Identification Code Description: Code identifying a party or other code	C	AN	2/20	Must use

Syntax:

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

Comments:

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

User Note 1:

Seagate requires the N1/N3/N4 Ship-to loop when reporting sales.

N3**Address Information**

Pos: 070	Max: 2
Detail - Optional	
Loop: N1	Elements: 2

To specify the location of the named party

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
N301	166	Address Information Description: Address information	M	AN	1/35	Must use
N302	166	Address Information Description: Address information	O	AN	1/35	Used

N4**Geographic Location**

Pos: 080	Max: 1
Detail - Optional	
Loop: N1	Elements: 4

To specify the geographic place of the named party

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
N401	19	City Name Description: Free-form text for city name User Note 1: <i>Ship-to city name in ship-to loop.</i>	M	AN	2/30	Must use
N402	156	State or Province Code Description: Code (Standard State/Province) as defined by appropriate government agency	M	ID	2/2	Must use
N403	116	Postal Code Description: Code defining international postal zone code excluding punctuation and blanks (zip code for United States) User Note 1: <i>Ship-to zip code in ship-to loop.</i>	M	ID	3/15	Must use
N404	26	Country Code Description: Code identifying the country	M	ID	2/3	Must use

Syntax:

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

Comments:

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

QTY Quantity

Pos: 110	Max: 1
Detail - Optional	
Loop: QTY	Elements: 3

To specify quantity 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>
QTY01	673	Quantity Qualifier Description: Code specifying the type of quantity User Note 1: 32=Quantity Sold	M	ID	2/2	Must use
		<u>Code</u> <u>Name</u> 32 Quantity Sold				
QTY02	380	Quantity Description: Numeric value of quantity	M	R	1/15	Must use
QTY03	C001	Composite Unit of Measure Description: To identify a composite unit of measure(See Figures Appendix for examples of use)	O	Comp		Used
	355	Unit or Basis for Measurement Code Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	M	ID	2/2	Must use
		<u>Code</u> <u>Name</u> EA Each				

QTY Quantity

Pos: 110	Max: 1
Detail - Optional	
Loop: QTY	Elements: 3

To specify quantity 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>
QTY01	673	Quantity Qualifier Description: Code specifying the type of quantity	M	ID	2/2	Must use
		<u>Code</u> <u>Name</u>				
		85 Lot Size				
QTY02	380	Quantity Description: Numeric value of quantity	M	R	1/15	Must use
QTY03	C001	Composite Unit of Measure Description: To identify a composite unit of measure(See Figures Appendix for examples of use)	O	Comp		Used
	355	Unit or Basis for Measurement Code Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	M	ID	2/2	Must use
		<u>Code</u> <u>Name</u>				
		EA Each				

User Note 1:

Upon agreement by trading partners, this second QTY segment may be sent to report multi-pak quantities. The first QTY segment will report the number of packages, the second QTY segment will report the quantity in each package.

LIN**Item Identification**

Pos: 120	Max: 1
Detail - Optional	
Loop: QTY	Elements: 3

To specify basic item identification 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>
LIN01	350	Assigned Identification Description: Alphanumeric characters assigned for differentiation within a transaction set	O	AN	1/20	Not used
LIN02	235	Product/Service ID Qualifier Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)	M	ID	2/2	Must use
		<u>Code</u> <u>Name</u>				
		MG Manufacturer's Part Number				
LIN03	234	Product/Service ID Description: Identifying number for a product or service	C	AN	1/40	Must use
		User Note 1: <i>Manufacturer's model number.</i>				

Syntax:

1. LIN04 P0405 -- If either LIN04 or LIN05 are present, then the others are required.
2. LIN06 P0607 -- If either LIN06 or LIN07 are present, then the others are required.
3. LIN08 P0809 -- If either LIN08 or LIN09 are present, then the others are required.
4. LIN10 P1011 -- If either LIN10 or LIN11 are present, then the others are required.
5. LIN12 P1213 -- If either LIN12 or LIN13 are present, then the others are required.
6. LIN14 P1415 -- If either LIN14 or LIN15 are present, then the others are required.
7. LIN16 P1617 -- If either LIN16 or LIN17 are present, then the others are required.
8. LIN18 P1819 -- If either LIN18 or LIN19 are present, then the others are required.
9. LIN20 P2021 -- If either LIN20 or LIN21 are present, then the others are required.
10. LIN22 P2223 -- If either LIN22 or LIN23 are present, then the others are required.
11. LIN24 P2425 -- If either LIN24 or LIN25 are present, then the others are required.
12. LIN26 P2627 -- If either LIN26 or LIN27 are present, then the others are required.
13. LIN28 P2829 -- If either LIN28 or LIN29 are present, then the others are required.
14. LIN30 P3031 -- If either LIN30 or LIN31 are present, then the others are required.

Semantics:

1. LIN01 is the line item identification

Comments:

1. See the Data Dictionary for a complete list of IDs.
2. LIN02 through LIN31 provide for fifteen different product/service IDs for each item. For example: Case, Color, Drawing No., UPC No., ISBN No., Model No., or SKU.

UIT**Unit Detail**

Pos: 130	Max: 12
Detail - Optional	
Loop: QTY	Elements: 3

To specify item unit 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>				
UIT01	C001	Composite Unit of Measure Description: To identify a composite unit of measure(See Figures Appendix for examples of use)	M	Comp		Must use				
	355	Unit or Basis for Measurement Code Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	M	ID	2/2	Must use				
		<table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>EA</td> <td>Each</td> </tr> </tbody> </table>	<u>Code</u>	<u>Name</u>	EA	Each				
<u>Code</u>	<u>Name</u>									
EA	Each									
UIT02	212	Unit Price Description: Price per unit of product, service, commodity, etc.	M	R	1/17	Must use				
UIT03	639	Basis of Unit Price Code Description: Code identifying the type of unit price for an item User Note 1: Use code 'CA' to indicate the price paid by the distributor for the manufacturer's product.	M	ID	2/2	Used				
		<table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>CA</td> <td>Catalog</td> </tr> </tbody> </table>	<u>Code</u>	<u>Name</u>	CA	Catalog				
<u>Code</u>	<u>Name</u>									
CA	Catalog									

Syntax:

1. UIT03 C0302 -- If UIT03 is present, then UIT02 is required

UIT**Unit Detail**

Pos: 130	Max: 12
Detail - Optional	
Loop: QTY	Elements: 3

To specify item unit 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>				
UIT01	C001	Composite Unit of Measure Description: To identify a composite unit of measure(See Figures Appendix for examples of use)	M	Comp		Must use				
	355	Unit or Basis for Measurement Code Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	M	ID	2/2	Must use				
		<table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>EA</td> <td>Each</td> </tr> </tbody> </table>	<u>Code</u>	<u>Name</u>	EA	Each				
<u>Code</u>	<u>Name</u>									
EA	Each									
UIT02	212	Unit Price Description: Price per unit of product, service, commodity, etc.	M	R	1/17	Must use				
UIT03	639	Basis of Unit Price Code Description: Code identifying the type of unit price for an item User Note 1: Use code of 'RS' to indicate the price on the distributor's invoice to their customer.	M	ID	2/2	Used				
		<table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>RS</td> <td>Resale Price</td> </tr> </tbody> </table>	<u>Code</u>	<u>Name</u>	RS	Resale Price				
<u>Code</u>	<u>Name</u>									
RS	Resale Price									

Syntax:

1. UIT03 C0302 -- If UIT03 is present, then UIT02 is required

REF Reference Identification

Pos: 190	Max: >1
Detail - Optional	
Loop: QTY	Elements: 2

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 Description: Code Qualifying the Reference Identification	M	ID	2/3	Must use
		<u>Code</u> <u>Name</u>				
		AU Authorization to Meet Competition No.				
REF02	127	Reference Identification Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	C	AN	1/30	Used
		User Note 1: <i>SPA Authorization Value. This value is mandatory when an SPA value exists between Seagate and the distributor.</i>				

Syntax:

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

Semantics:

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

REF**Reference Identification**

Pos: 190	Max: >1
Detail - Optional	
Loop: QTY	Elements: 2

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 Description: Code Qualifying the Reference Identification	M	ID	2/3	Must use

<u>Code</u>	<u>Name</u>
IT	Internal Customer Number

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

User Note 1: *Distributor's internal number to identify their customer.*

Distributor's customer number must be reported and in only one place - either N104 of Bill-to loop or REF02 where REF01 = IT.

Syntax:

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

Semantics:

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

REF Reference Identification

Pos: 190	Max: >1
Detail - Optional	
Loop: QTY	Elements: 2

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 Description: Code Qualifying the Reference Identification	O	ID	2/3	Must use				
		<table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>ZZ</td> <td>Mutually Defined</td> </tr> </tbody> </table>	<u>Code</u>	<u>Name</u>	ZZ	Mutually Defined				
<u>Code</u>	<u>Name</u>									
ZZ	Mutually Defined									
REF02	127	Reference Identification Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	C	AN	1/30	Used				
		<p>User Note 1: <i>Tax ID value.</i></p> <p><i>Please discuss use of this value with the Seagate IT contact person. This value is primarily used in Europe.</i></p>								

Syntax:

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

Semantics:

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

REF Reference Identification

Pos: 190	Max: >1
Detail - Optional	
Loop: QTY	Elements: 2

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 Description: Code Qualifying the Reference Identification	M	ID	2/3	Used

<u>Code</u>	<u>Name</u>
SE	Serial Number

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

User Note 1: *Serial number.*

This value is mandatory for all invoices. The number of serials must match the quantity of drives sold for each part number per invoice. Consecutive REF segments with SE qualifier will be reported until quantity matches the invoice quantity.

Serial numbers can be reported as single serial id if sold in qty per part per invoice less than a carton.

Serial number can be reported as the carton id if sold in a carton as delivered to the distributor.

Serial number can reported as the pallet id if sold in entire qty of a pallet as delivered to the distributor.

Syntax:

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

Semantics:

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

REF**Reference Identification**

Pos: 190	Max: >1
Detail - Optional	
Loop: QTY	Elements: 2

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	Must use

Description: Code Qualifying the Reference IdentificationCode Name

DI Distributor Invoice No.

User Note 1: *Distributor's invoice number to customer must be reported for all sales.*

REF02	127	Reference Identification	C	AN	1/30	Must use
-------	-----	---------------------------------	---	----	------	----------

Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier**User Note 1:** *Distributor's invoice number to customer must be reported for all sales. The invoice number cannot be reused - invoice numbers used for previously reported invoices will error in Seagate's system as a duplicate. Invoices with multiple model numbers must be reported in the same occurrence.**The REF segment reporting the distributor's invoice number must be reported as the last REF segment in the loop.***Syntax:**

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

Semantics:

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

User Note 1:

CUR Currency

Pos: 220	Max: 1
Detail - Optional	
Loop: QTY	Elements: 2

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

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
CUR01	98	Entity Identifier Code Description: Code identifying an organizational entity, a physical location, or an individual	M	ID	2/2	Must use
		<u>Code</u> <u>Name</u>				
		SE Selling Party				
CUR02	100	Currency Code Description: Code (Standard ISO) for country in whose currency the charges are specified	M	ID	3/3	Must use

Syntax:

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

CUR segment is optional as all Americas EDI POS reporters are required to report price in USD. However, Seagate now has the capability to convert local currency to USD. Please work with Seagate IT if price will be reported in currency other than USD.

CTT Transaction Totals

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

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:

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

Comments:

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

GE**Functional Group Trailer**

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

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 Description: Total number of transaction sets included in the functional group or interchange (transmission) group terminated by the trailer containing this data element	M	N0	1/6	Must use
GE02	28	Group Control Number Description: Assigned number originated and maintained by the sender	M	N0	1/9	Must use

Semantics:

- 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:

- 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
- Mandatory	
Loop: N/A	Elements: 2

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 Description: A count of the number of functional groups included in an interchange	M	N0	1/5	Must use
IEA02	I12	Interchange Control Number Description: A control number assigned by the interchange sender	M	N0	9/9	Must use

ISA~00~ ~00~ ~01~999999999US15 ~ZZ~GGGGGGGGGGGG ~120711~0356~U~00400~000004752~0~P~><
GS~PT~999999999JDR~GGGGGGGGGGJDR~120711~0356~866~X~003060<
ST~867~008660001<
BPT~00~120710030006~120710~02<
REF~PO~CSN20230C20120710<
N1~SF~DALLAS-SALES~92~20<
PTD~SS<
DTM~003~120710<
N1~ST~DR GLOBALFERRET<
N3~10380 BARN RD E~ SEAGATE PURCHASES<
N4~MINNEPLONKA~MN~66666~US<
N1~BT~DR GLOBALFERRET<
N3~10380 BARN RD E~ SEAGATE PURCHASES<
N4~MINNEPLONKA~MN~66666~US<
QTY~32~1~EA<
QTY~85~1~EA<
LIN~~MG~STAF109<
UIT~EA~6~CA<
UIT~EA~6~RS<
REF~IT~72001801000<
REF~DI~720051211120710<
QTY~32~1~EA<
QTY~85~1~EA<
LIN~~MG~STAF110<
UIT~EA~6~CA<
UIT~EA~6~RS<
REF~IT~72001801000<
REF~DI~720092211120710<
QTY~32~1~EA<
QTY~85~1~EA<
LIN~~MG~ST315005FDA2E1-RK<
UIT~EA~50~CA<
UIT~EA~50~RS<
REF~IT~72001801000<
REF~DI~720190711120710<
REF~SE~2GEYQDMD<
QTY~32~1~EA<
QTY~85~1~EA<
LIN~~MG~100563416<
UIT~EA~5~CA<
UIT~EA~5~RS<
REF~IT~72001801000<
REF~DI~720190711120710<
REF~SE~2GEH09LD<
QTY~32~1~EA<
QTY~85~1~EA<
LIN~~MG~STAK100<
UIT~EA~30~CA<
UIT~EA~30~RS<
REF~IT~72001801000<
REF~DI~729591211120710<
REF~SE~NA1Y08KL<
QTY~32~1~EA<
QTY~85~1~EA<
LIN~~MG~STAJ100<
UIT~EA~40~CA<
UIT~EA~40~RS<
REF~IT~72001801000<

08/24/05

REF~DI~729870211120710<

REF~SE~NA1YFK9M<

CTT~6<

SE~60~008660001<

GE~1~866<

IEA~1~000004752<