STERLING, INC.

EDI TRADING PARTNER GUIDEBOOK

VICS Version 4010

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Sterling, Inc. EDI Trading Partner Guide

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Sterling, Inc. EDI Trading Partner Guide

Chapter 1 - Introduction and Overview of EDI

Sterling, Inc. is pleased to welcome you to our growing circle of Electronic Data Interchange (EDI) trading partners. EDI, the application-to-application exchange of business documents using a nationally recognized set of formatting and coding standards, is proving to be a cost-effective alternative to the cumbersome and labor-intensive exchange of paper documents between companies.

Sterling's experience with, and commitment to, EDI creates a "win-win" situation for both trading parties. Benefits derived from this technology by Sterling's trading partners and Sterling itself are:

- Elimination of mailing time and the reduction of postage & handling costs.
- Reduction of paperwork and forms costs.
- Elimination of errors that occur in manual transcription and data entry.
- More discipline and control within business application systems.
- Improved business relationship because of:
    - the commitment and cooperation required to implement EDI
    - the enhanced trust that results from shared information
    - the elimination of nuisance factors and sources of conflict
    - the automatic acknowledgment of each document exchanged
- More timely information for decision making.
- The capacity for additional business/transaction volume without an increase in clerical staff.
- Re-allocation of time from administrative duties to professional activities.
- Greater security in the business communication process.

Software Upgrades

It is the policy of Sterling Inc. to upgrade its software at regular intervals in order to maintain currency with VICS and X12 standards. We expect our trading partners will wish to do this as well.

X12 Standards

Sterling maintains strict compliance with the VICS subset of the X12 standards. In order to achieve a smooth implementation and receive the optimum benefits from EDI, we require that our trading partners comply with the standards also.

Functional Acknowledgments

A Functional Acknowledgment is a type of transaction that represents the first line of control over electronic data interchange trans-missions. Therefore, we require you to transmit Functional Acknowledgments to us to acknowledge the receipt of EDI transmissions. In most cases, we expect to receive acknowledgments within 24 hours after we have sent you a transmission. If we do not receive the acknowledgment within the expected period, we will assume that you did not receive our original transmission. If this situation occurs, we will contact your EDI coordinator as soon as possible so that together we can begin to research the problem. We strongly encourage you to make Functional Acknowledgments an integral part of your system.

Receipt of EDI Guidebooks

Sterling would like to receive EDI Trading Partner Guidebooks from each of its trading partners. These documents allow us to determine up front any potential discrepancies between your implementation of the EDI transaction sets and Sterling's implementation. We can then discuss these differences and resolve them before we begin testing. Therefore, if your organization publishes an EDI Trading Partner Guidebook, please send a copy to your EDI contact at Sterling.

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Chapter 2 - EDI Technical Overview

Standards

Sterling has adopted the EDI transaction structure and formatting standards developed by the Accredited Standards Committee (ASC) X12 of the American National Standards Institute (ANSI). The Voluntary Inter-Industry Communications Standards (VICS) Group, through its Retail EDI Users Group, has defined and published a common interpretation of the X12 standards for use by the retail industry. VICS standards represent a subset of X12 and are the standards chosen by Sterling. Our trading partners must support and adhere to the VICS standards.

Statement of Requirements

- Computer

  EDI documents can be prepared on and transmitted and received from a personal computer, a mid-range business system or minicomputer, or a large corporate mainframe.

- Software

  Your EDI capability may be fully integrated into your existing business application systems (just as Sterling's EDI function is integrated into our applications), or you may use a software package designed specifically to handle EDI documents.

  The computer programs that perform the conversion between your application systems and the X12 or VICS standard format are known as EDI translators. Sterling recommends that you seriously consider the purchase of an EDI translation software package from a proven source, and we will be pleased to suggest a list of vendors to contact. Although it is possible for you to develop your own translator, the evolving nature of the standards will present you with continuing program maintenance demands. A number of widely used packages are available for the PC, mid-range, and mainframe markets.

- Communications Capability

  Third party, Value-Added Network (VAN) to serve as the electronic mailbox for exchange of EDI documents. Sterling maintains a mailbox on the ORDERNET VAN, with interconnections established for several other major VANs. So if you have chosen a network other than ORDERNET, usually a gateway or interconnection can be established.

  Communications hardware (modem) and software (emulator or interface program) as required for data transmission between your computer and the VAN you have selected.

- Summary of Requirements

  Trading partners who wish to exchange EDI documents with Sterling must have the ability to:

  1. Receive EDI documents from the ORDERNET network either through ORDERNET or via another VAN that is capable of interconnecting with ORDERNET.
  2. Receive and process a VICS 4010 standard purchase order (transaction set 850) and send an industry standard functional acknowledgment (transaction set 997).

Overview of X12 Structures

An EDI transmission consists of the following structural components:

- <u>Transaction Set:</u> The basic EDI structural unit. A single transaction set corresponds to one standard business document, such as a purchase order or an invoice.
- <u>Segment:</u> A transaction set consists of an ordered collection of smaller units known as segments, each of which begins with a standard 2- or 3-character segment identifier (such as ST, BEG, N1, etc.) and ends with a 1-character segment terminator.

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Chapter 2 - EDI Technical Overview

Segments depend upon the type of transaction set. For each transaction set type (e.g., purchase order, invoice), the standards specify the precise sequence of segments that may be included. Many segments are optional, however, and when these are not used they are simply omitted.

- Data Element: Between a segment's identifier and terminator are one or more data elements, arranged in a standard sequence. A special character known as a data element separator precedes each data element.

  A data element consists of one or more characters representing an alphabetic description, a pre-defined identification code, or a numeric value, such as quantity or date. Many data elements are optional and may be omitted when not used. Because the relative position of an element is critical, however, the associated separator must remain to explicitly identify the omission (except after the last data element used in a segment, in which case the segment terminator may immediately follow, and the remaining element separators may be omitted).

- Functional Group: Multiple transaction sets of a similar nature may be batched together within a single transmission. For example, one functional group might contain several purchase orders (for different ship-to locations, perhaps). Alternatively, it is quite acceptable for a group to include only a single transaction set.

  Each functional group begins with a special segment known as a GS header and is terminated by a GE trailer segment.

- Envelope: The entire EDI transmission is bound by an "outer envelope" which uniquely identifies the transmission, the sender and receiver. The envelope consists of an ISA interchange control header segment and an IEA trailer segment. Multiple functional groups may be included within the envelope, although it is common for an envelope to contain only one group.

The figure on the next page illustrates the structure of an EDI transmission.

Chapter 2 - EDI Technical Overview

	ISA Segment		
		GS Segment	
			ST Segment
			. .
		1st	. . Other
		Transaction	segments
		Set	. .
			. .
	1rst		SE Segment
	Functional		
	Group	. . .	
		. . .	
			ST Segment
			. .
EDI		nth	. . Other
Transmission		Transaction	segments
Envelope		Set	. .
			. .
			SE Segment
		GE Segment	
	. . .		
	. . .		
	. . .	GS Segment
	nth	. . .
	functional	. . .
	group	. . .
		GE Segment
	IEA Segment		
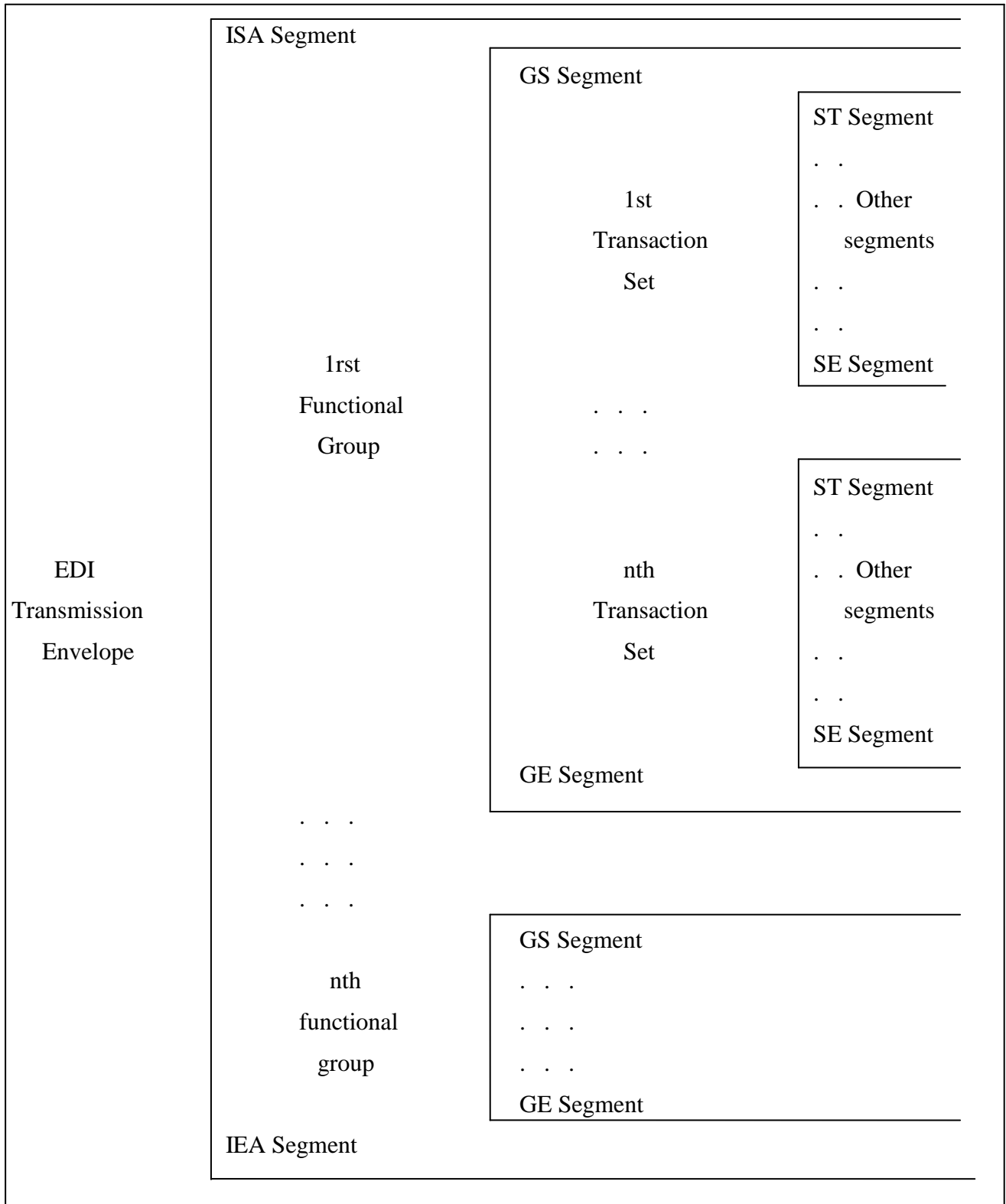
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Chapter 3 - Getting Started With Sterling

Sterling Jewelers EDI Implementation

Establishing an EDI trading partner relationship with Sterling Inc. consists of the following 5 phases.

Phase 1: Initial exchange of trading partner information.

Phase 2: Trading partner setup. (internal EDI system & the VAN)

Phase 3: Initial testing with a single document.

Phase 4: Parallel testing with production purchase orders.

Phase 5: Cut-over to production.

Phase 1: Initial exchange of trading partner information.

During the initial exchange of trading partner information Sterling Inc. is providing this document. This document contains all the Sterling trading partner information necessary for a trading partner to begin EDI processing with Sterling. At the end of this chapter is a concise summary of the General Information we provide you about Sterling.

The information Sterling will require from its trading partner is listed below.

- The VAN you are currently using.
- The interchange ID qualifier.
- The interchange ID.
- Business contact name and phone number.
- Technical contact name and phone number.

Please forward this information to the EDI Coordinator at Sterling Inc. as soon as possible.

Phase 2: Trading partner setup on the EDI system & the VAN.

With the trading partner information provided in the 1st phase, Sterling will set the trading partner up on the Ordernet network as a Sterling trading partner exchanging 850 Purchase Orders, 860 Purchase Order Changes, 856 Advance Ship Notices, 810 Invoices and 997 functional acknowledgments. The trading partner will be setup in the Sterling EDI test system. You must set up Sterling on your end as a trading partner.

Phase 3: Initial testing with a single document.

The purpose of the initial test is to ensure that the communications have been setup properly, that the test purchase order can be accepted into the trading partners system and translated, and a functional acknowledgment can be sent by the trading partner and accepted by Sterling.

Phase 4: Parallel testing with production.

After both parties have successfully processed the test order loop, the parallel test will begin. In parallel test, each order that is sent through the EDI system will have to be matched to the paper purchase order sent through the normal channels. It is recommended that each electronic order be processed through the same steps as the regular purchase order.

Phase 5: Cut-over to production.

When the parallel test proves OK you will be placed on the production system and the paper purchase orders will stop.

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Chapter 3 -Getting Started with Sterling

General Information

VAN: **Sterling Commerce's COMMERCE:Network**

Current Interconnects Through Ordernet:

      GEIS, Advantis, ATT GMS, ATT Easylink

Standard: **VICS 4010**

Transaction Sets:

      810 - Invoice
      850 - Purchase Order
      856 – Advance Ship Notice
      860 – Purchase Order Change
      997 - Functional Acknowledgment

Delimiters:

Segment:	~	HEX (7E) in ASCII
Element :	*	HEX (2A) in ASCII
Sub-Element:	>	HEX (3E) in ASCII

Interchange ID:

Test and Parallel:

Qualifier:	ZZ
ID:	JEWELSTEST

Production:

Qualifier:	ZZ
ID:	JEWELS

Chapter 4 - Layout of Headers and Trailers

Ref. Desig.	Data Elem.	Name	Example of Data/ Comments

Segment ISA: Beginning of Interchange

Ref. Desig.	Data Elem.	Name	Example of Data/ Comments
ISA01	I01	Authorization Information Qualifier	00
ISA02	I02	Authorization Information	Spaces
ISA03	I03	Security Information Qualifier	00
ISA04	I04	Security Information	Spaces
ISA05	I05	Interchange ID Qualifier - Sender	ZZ
ISA06	I06	Interchange Sender ID	JEWELSTEST or JEWELS
ISA07	I05	Interchange ID Qualifier - Receiver	--
ISA08	I07	Interchange Receiver ID	----------
ISA09	I08	Interchange Date	010101
ISA10	I09	Interchange Time	0917
ISA11	I10	Interchange Control Standard	U
ISA12	I11	Interchange Control Version	00401
ISA13	I12	Interchange Control Number	000000001
ISA14	I13	Acknowledgment Requested	0
ISA15	I14	Test Indicator	T or P
ISA16	I15	Subelement Separator	>

Segment GS: Beginning of Group

Ref. Desig.	Data Elem.	Name	Example of Data/ Comments
GS01	479	Functional Identifier Code	PO
GS02	142	Application Sender's Code	JEWELSTEST or JEWELS
GS03	124	Application Receiver's Code	--
GS04	29	Group Date	20010101
GS05	30	Group Time	0917
GS06	28	Group Control Number	2
GS07	455	Responsible Agency Code	X
GS08	480	Version/Release/Industry Identifier	004010VICS

Chapter 4 - Layout of Headers and Trailers

Ref. Desig.	Data Elem.	Name	Example of Data/ Comments
Segment ST: Beginning of Transaction Set			
ST01	143	Transaction Set Identifier Code	850
ST02	329	Transaction Set Control Number	0002
Segment SE: End of Transaction Set			
SE01	96	Number of included segments	011
SE02	329	Transaction Set Control Number	0002
Segment GE: End of Functional Group			
GE01	97	Number of Transaction Sets included	1
GE02	28	Group Control Number	2
Segment IEA: End of Interchange			
IEA01	I16	Number of included functional groups	1
IEA02	I12	Interchange Control Number	000000001

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Chapter 5 - Purchase Order

Ref. Desig.	Data Elem.	Name	Mandatory/ Optional	Example Data/ Comments

Generalized Layout of Sterling Inc.'s Purchase Order (VICS 4010 Transaction Set 850)

Purchase Order Header Data

Segment BEG: Beginning Segment for Purchase Order

BEG01	353	Transaction Set Purpose Code	M	00
BEG02	92	Purchase Order Type Code	M	SA
BEG03	324	Purchase Order Number	M	C900001
BEG05	323	Purchase Order Date	M	20010101

NOTE: Purchase Order Number will be of the form PPxxxxxxxx
where:
PP is the Purchase Order type of
C   = Asset Stock Order
M   = Memo Stock Order
SO   = Asset Special Order
xxxxxxxx is the Purchase Order Number

Segment CUR: Currency (Optional)

CUR01	98	Entity Identifier Code	M	BY
CUR02	100	Currency Code	M	USD
CUR03	280	Exchange Rate	M	1.223
CUR04	98	Entity Identifier Code	M	SE
CUR05	100	Currency Code	M	LIR**
CUR07	374	Date/Time Qualifier	M	007
CUR08	373	Date	M	20001115

**See Appendix

Note: The CUR segment will only be supplied as needed, and if supplied the mandatory fields will be transmitted

Chapter 5 - Purchase Order

Ref. Desig.	Data Elem.	Name	Mandatory/ Optional	Example Data/ Comments

Segment REF: Reference Numbers(Max Usage: 6)

REF01	128	Reference Number Qualifier	M	IA**
REF02	127	Reference Number	M	703060000

**See Appendix

NOTE1:   Reference Number will contain one of six values, depending on
the value of REF01. A REF01 of "IA", "DP" and "PRT" is always submitted,
but "ZZ", "PI" and "VN" are optional.

REF01	REF02
IA	Sterling's internal number for trading partner (9-digit Numeric)
DP	Sterling's Internal Merchandise Division (00 or 08)
VN	Trading partner's Order Confirmation Number
ZZ	Contains a literal such as "Min/Max" or "Catalog" to identify replenishment orders, etc.
PRT	Contains a literal of "C", "A", "SOC" or "SOA" to allow identification of the purchase order type.
PI	Metal Lock Required

Segment PER: Administrative Communications Contact

PER01	366	Contact Function Code	M	BD
PER02	93	Name	M	Joseph Smith
PER03	365	Qualifier	O	TE**
PER04	364	Telephone Number	O	330-668-5500

**See Appendix

Segment FOB: F.O.B. Related Instructions

FOB01	146	Shipment Method of Payment	M	PC**
FOB02	309	Location Qualifier	M	OR**

**See Appendix

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Chapter 5 - Purchase Order

Ref. Desig.	Data Elem.	Name	Mandatory/ Optional	Example Data/ Comments

Segment ITD: Terms of Sale/Deferred Terms of Sale

| ITD01 | 336 | Terms Type Code | M | 14** |
| ITD12 | 352 | Description | M | Terms description |

------------------------------ OR ------------------------------

ITD01	336	Terms Type Code	O	01**
ITD02	333	Terms Basis Date Code	O	3
ITD03	338	Terms Discount Percent	O	4
ITD05	351	Terms Discount Days Due	O	90
ITD07	386	Terms Net Days	O	91

**See Appendix

Segment DTM: Date/Time Reference (Max Usage = 3)

| DTM01 | 374 | Date/Time Qualifier | M | 002** |
| DTM02 | 373 | Date | M | 20010131 |

**See Appendix

NOTE: DTM02 will be one of three values, depending on the value of DTM01. If the Cancel Date is not submitted specifically, we would like the order to remain open until all items have been fulfilled.

DTM01	DTM02
001	The date upon which the order will be canceled if Sterling does not receive the merchandise
002	The date that Sterling requires the merchandise at the requested location, i.e. due date
064	Do Not Deliver Before This Date

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Chapter 5 - Purchase Order

Ref. Desig.	Data Elem.	Name	Mandatory/ Optional	Example Data/ Comments

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Segment TD5: Carrier Details (Routing Sequence/Transit Time)

TD505	387	Routing	M	BEST METHOD

Segment N9: Reference Identifier

N9 01	128	Reference Qualifier	O	X9
N9 03	369	Free-form Description	O	Important Message Follows

NOTE: This will only be provided for as needed

Segment MSG: Message Text

MSG01	933	Free-form Message Text	O	Test Order-Do Not Honor In Any Way

NOTE: This will typically be provided for as needed

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Chapter 5 - Purchase Order

Ref. Desig.	Data Elem.	Name	Mandatory/ Optional	Example Data/ Comments

N1 Loop (Max Usage = 3)

Segment N1 : Name

N101	98	Entity Identifier Code	M	ST**
N102	93	Name	M	RINEHART
N103	66	Identification Code Qualifier	M	92
N104	67	Identification Code	M	0010

**See Appendix

Note1: If the order has a purchase order type of "SOC", "SOA" or "A", there may be up to three N1 Segments, all other order types will contain only one.

Note2: N102 will contain one of three values, depending on the value of N101. Multiple N1's will typically be provided for purchase order types "SOC", "SOA" and "A".

N101	N102
BY	Location name of store that ordered merchandise
ST	Location name of store merchandise is to ship to
OB	Name of Sterling customer that ordered merchandise

Note3: Store "0010" identifies the Sterling corporate address, which is:

> Sterling Incorporated
> 375 Ghent Road
> Akron, OH 44333-4600

Note4: N104 will typically be 4 positions, but may be a nine-character value if the product is being sent to one of Sterling Jewelers' assembly vendors.

Segment N2: Additional Name Information

N201	93	Name	O	MALL OF AMERICA

NOTE: This segment will only be provided on Purchase Order types "SO" and "A".

Segment N3: Address Information

N301	166	Address Information	O	123 Main St.
N302	166	Address Information		Mall Internal Loc.

NOTE: *This information will only be provided when an N1 segment exists that contains an N104 Identification Code other than "0010", and the N101 field contains an "ST" identifying the Ship-To.*

Segment N4: Geographic Location

N401	19	City Name	O	Akron
N402	156	State/Province Code	O	OH
N403	116	Postal Code	O	44333-4600

NOTE: *This information will only be provided when an N1 segment exists that contains an N104 Identification Code other than "0010" and the N101 field contains an "ST" identifying the Ship-To.*

Chapter 5 - Purchase Order

Ref. Desig.	Data Elem.	Name	Mandatory/ Optional	Example Data/ Comments

Detail Loop (Max Usage = 999)

Segment PO1: Purchase Order Baseline Item Data

Ref. Desig.	Data Elem.	Name	Mandatory/ Optional	Example Data/ Comments
PO101	350	Assigned Identification	M	1
PO102	330	Quantity Ordered	M	122
PO103	355	Unit of Measurement Code	M	EA**
PO104	212	Unit Price	M	40.5
PO105	639	Basis of Unit Price Code	M	QT
PO106	235	Product/Service ID Qualifier	M	IN**
PO107	234	Sterling's Item Code	M	3354141
PO108	235	Product/Service ID Qualifier	M	ZZ**
PO109	234	Sterling's 9-digit SKU	M	280076100
PO110	235	Product/Service ID Qualifier	M	VA**
PO111	234	Vendor Style	M	11-6748
PO112	235	Product/Service ID Qualifier	O	BO**
PO113	234	Product/Service ID	O	1Y
PO114	235	Product/Service ID Qualifier	O	IZ**
PO115	234	Product/Service ID	O	07.50
PO116	235	Product/Service ID Qualifier	O	SC**
PO117	234	Product/Service ID	O	0203GO

**See Appendix

> Note1:   Unit of Measure will be one of the following-EA, CD, GR, or WP

> Note2:   PO113: This field contains the 2 digit Sterling gold color and Karat code.

> PO115: This field contains ring size, bracelet length or chain length in decimal form 99.99.

> PO117: This field contains the stone configuration for family jewelry, with 2 digits for each stone in order. Synthetic stones are 01 through 12 corresponding to the month. Genuine stones are G1 through G9, GO, GN, GD corresponding to months 1 through 12.

Chapter 5 - Purchase Order

Ref. Desig.	Data Elem.	Name	Mandatory/ Optional	Example Data/ Comments

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Segment CTP: Pricing Information

CTP02	236	Price Identifier Code	O	RES**
CTP03	212	Unit Price	O	1299.99
CTP04	380	Quantity	O	100
CTP05	355	Unit or Basis of Measurement	O	EA

**See Appendix

Note: This segment will only provided for vendors that provide retail price tickets for the merchandise ordered, and the Unit Retail communicated here denotes the required ticketed retail price. If provided, all of the elements will be submitted.

Segment PID: Product/Item Description (Max Usage 10)

PID01	349	Item Description Type	M	F
PID02	750	Product Characteristic	M	Spaces**
PID05	352	Description	M	GTS BD DD SSH BLK

**See Appendix

NOTE1: There may be multiple PID Segments

NOTE2: The contents of PID05 depend on the value in PID02.

PID02	PID05
Blank	The item's description as it is stored on Sterling's computer system.
08	Free-form communication to vendor. Typical examples are: a) 10 Karat b) Diamond Weight: 01.50
75	The buyers' color description if a color code is present in PO113.

Summary Data

Segment CTT: Transaction Totals

CTT01	354	Number of Line Items	M	1

Chapter 6 - Purchase Order Change

Ref. Desig.	Data Elem.	Name	Mandatory/ Optional	Example Data/ Comments

Generalized Layout of Sterling Inc.'s Purchase Order Change (VICS 4010 Transaction Set 860)

Purchase Order Change Header Data

Segment BCH: Beginning Segment for Purchase Order Change

Ref. Desig.	Data Elem.	Name	M/O	Example
BCH01	353	Transaction Set Purpose Code	M	04**
BCH02	92	Purchase Order Type Code	M	SA
BCH03	324	Purchase Order Number	M	C900001
BCH06	373	Purchase Order Date	M	20010101
BCH11	373	Effective Date	M	20010105

**See Appendix

> NOTE: Purchase Order Number will be of the form PPxxxxxxxx
> where:
> PP is the Purchase Order type of
> C = Asset Stock Order
> M = Memo Stock Order
> SO = Asset Special Order
> xxxxxxxx is the Purchase Order Number

Segment CUR: Currency (Optional)

Ref. Desig.	Data Elem.	Name	M/O	Example
CUR01	98	Entity Identifier Code	M	BY
CUR02	100	Currency Code	M	DLU
CUR03	280	Exchange Rate	M	1.223
CUR04	98	Entity Identifier Code	M	SE
CUR05	100	Currency Code	M	LIR**
CUR07	374	Date/Time Qualifier	M	007
CUR08	373	Date	M	20001115

**See Appendix

Note: The CUR segment will only be supplied as needed, and if supplied the mandatory fields will be transmitted

Chapter 6 - Purchase Order Change

Ref. Desig.	Data Elem.	Name	Mandatory/ Optional	Example Data/ Comments

Segment REF: Reference Numbers (Max. Usage 8)

Ref. Desig.	Data Elem.	Name	Mandatory/ Optional	Example Data/ Comments
REF01	128	Reference Number Qualifier	O	IA**
REF02	127	Reference Number	O	703060000

**See Appendix

NOTE: Reference Number will contain one of six values, depending on the value of REF01. A REF01 of "IA", "PRT" and "DP" is typically submitted, but "VN", "PI" and "ZZ" are optional.

REF01	REF02
IA	Sterling's internal number for trading partner (9-digit Numeric)
DP	Sterling's Internal Merchandise Division (00 or 08)
VN	Trading partner's Order Confirmation Number
ZZ	Literal such as "Min/Max" or "Catalog" to identify replenishment orders, etc.
PRT	Literal of "C", "A", "SOC" or "SOA" to identify purchase order type.
PI	Metal Lock Pricing.

Segment PER: Administrative Communications Contact

Ref. Desig.	Data Elem.	Name	Mandatory/ Optional	Example Data/ Comments
PER01	366	Contact Function Code	O	BD
PER02	93	Name	O	Bridal Coordinator
PER03	365	Qualifier	O	TE**
PER04	364	Telephone Number	O	330-668-5500

**See Appendix

Segment FOB: F.O.B. Related Instructions

Ref. Desig.	Data Elem.	Name	Mandatory/ Optional	Example Data/ Comments
FOB01	146	Shipment Method of Payment	O	PC**
FOB02	309	Location Qualifier	O	OR**

**See Appendix

Segment ITD: Terms of Sale/Deferred Terms of Sale

Ref. Desig.	Data Elem.	Name	Mandatory/ Optional	Example Data/ Comments
ITD01	336	Terms Type Code	O	14**

------------------------------ OR -------------------------------

ITD01	336	Terms Type Code	O	01**
ITD02	333	Terms Basis Date Code	O	3
ITD03	338	Terms Discount Percent	O	4
ITD05	351	Terms Discount Days Due	O	90
ITD07	386	Terms Net Days	O	91

**See Appendix

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Chapter 6 - Purchase Order Change

Ref. Desig.	Data Elem.	Name	Mandatory/ Optional	Example Data/ Comments

Segment DTM: Date/Time Reference (Max. Usage = 3)

Ref. Desig.	Data Elem.	Name	Mandatory/ Optional	Example Data/ Comments
DTM01	374	Date/Time Qualifier	O	002**
DTM02	373	Date	O	20010301

**See Appendix

> NOTE: DTM02 will be one of three values, depending on the value of DTM01. If the Cancel Date is not submitted specifically, we would like the order to remain open until all items have been fulfilled.

DTM01	DTM02
001	The date upon which the order will be canceled if Sterling does not receive the merchandise
002	The date that Sterling requires the merchandise at the requested location, i.e. the due date
064	Do Not Deliver Before This Date

Segment TD5: Carrier Details (Routing Sequence/Transit Time)

Ref. Desig.	Data Elem.	Name	Mandatory/ Optional	Example Data/ Comments
TD505	387	Routing	O	BEST METHOD

Segment N9: Reference Identifier

Ref. Desig.	Data Elem.	Name	Mandatory/ Optional	Example Data/ Comments
N9 01	128	Reference Qualifier	O	X9
N9 03	369	Free-form Description	O	Important Message Follows

NOTE: This will only be provided as needed

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Chapter 6 - Purchase Order Change

Ref. Desig.	Data Elem.	Name	Mandatory/ Optional	Example Data/ Comments

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Segment MSG: Message Text

MSG01	933	Free-form Message Text	O	Test Order-Do Not Honor In Any Way

NOTE: This will only be provided as needed

N1 Loop (Max Usage = 3)

Segment N1 : Name

N101	98	Entity Identifier Code	O	ST**
N102	93	Name	O	RINEHART
N103	66	Identification Code Qualifier	O	92
N104	67	Identification Code	O	0010

**See Appendix

NOTE1:   If the order has a Purchase Order type of "SOC", "SOA" or "A", there may be up to three N1 Segments, other order types will contain only "ST".

NOTE2:   N102 will contain one of three values, depending on the value of N101. Multiple N1's will typically be provided for Purchase Order types "SOC", "SOA" or "A".

N101   N102
BY   Location name of store that ordered merchandise
ST   Location name of store merchandise is to ship to
OB   Name of Sterling customer that ordered merchandise

NOTE3: Store "0010" identifies the Sterling corporate address, which is:
         Sterling Incorporated
         375 Ghent Road
         Akron, OH 44333-4600

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Chapter 6 - Purchase Order Change

Ref. Desig.	Data Elem.	Name	Mandatory/ Optional	Example Data/ Comments

Segment N2: Additional Name Information

| N201 | 93 | Name | O | MALL OF AMERICA |

NOTE: *This segment will only be provided on Purchase Order type "SO" or "AS".*

Segment N3: Address Information

| N301 | 166 | Address Information | O | 123 Main St. |
| N302 | 166 | Address Information | O | Mall Internal Loc. |

NOTE: *This information will only be provided when an N1 segment exists that contains an N104 Identification Code other than "0010", and the N101 field contains an "ST" identifying the Ship-To.*

Segment N4: Geographic Location

N401	19	City Name	O	Akron
N402	156	State/Province Code	O	OH
N403	116	Postal Code	O	44333-4600

NOTE: *This information will only be provided when an N1 segment exists that contains an N104 Identification Code other than "0010" and the N101 field contains an "ST" identifying the Ship-To.*

Sterling, Inc. EDI Trading Partner Guide

Chapter 6 - Purchase Order Change

Ref. Desig.	Data Elem.	Name	Mandatory/ Optional	Example Data/ Comments

Purchase Order Change Detail Loop (Max Usage = 1898)

Segment POC: Line Item Change (Max Usage 999)

Ref. Desig.	Data Elem.	Name	M/O	Example
POC01	350	Assigned Identification (PO Line)	M	1
POC02	670	Change or Response Type Code	M	RZ**
POC03	330	Quantity Ordered	M	40
POC04	671	Quantity Left to Receive	M	40
POC05	C001	Composite Unit of Measure	M	EA**
POC06	212	Unit Price	M	44.5
POC07	639	Basis of Unit Price Code	M	QT
POC08	235	Buyers Item Number	M	IN**
POC09	234	7-Digit SKU	M	384337
POC10	235	Buyers SKU	M	ZZ**
POC11	234	9-Digit SKU	M	010001016
POC12	235	Vendor's Item Number	M	VA**
POC13	234	Style	M	11-6748
POC14	235	Product/Service ID Qualifier	O	BO**
POC15	234	Product/Service ID	O	1Y
POC16	235	Product/Service ID Qualifier	O	IZ**
POC17	234	Product/Service ID	O	07.50
POC18	235	Product/Service ID Qualifier	O	SC**
POC19	234	Product/Service ID	O	0203GO

**See Appendix

Note1:   *POC02 will contain a value of "DI" for a cancelled line.   An "RZ" will be used for a decrease in quantity, a price change or a line item due date change.*

Note2:   *PO115: This field contains the 2 digit Sterling gold color and Karat code.*

PO117: This field contains ring size in decimal form 99.99.

PO119: This field contains the stone configuration for family jewelry, with 2 digits for each stone in order. Synthetic stones are 01 through 12 corresponding to the month. Genuine stones are G1 through G9, GO, GN, GD corresponding to months 1 through 12.

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Chapter 6 - Purchase Order Change

Ref. Desig.	Data Elem.	Name	Mandatory/ Optional	Example Data/ Comments

Segment CTP: Pricing Information

CTP02	236	Price Identifier Code	O	RES**
CTP03	212	Unit Price	O	1299.99
CTP04	380	Quantity	O	100
CTP05	355	Unit of Measure	O	EA

> Note: This segment will only provided for vendors that provide retail price tickets for the merchandise ordered, and the Unit Retail communicated here denotes the required ticketed retail price.

Segment PID: Product/Item Description (Max Usage 10)

PID01	349	Item Description Type	M	F
PID02	750	Product Characteristic	M	Spaces
PID05	352	Description	M	GTS BD DD SSH BLK

> NOTE1: There may be multiple PID Segments

> NOTE2: The contents of PID05 depend on the value in PID02.

PID02	PID05
Blank	The item's description as it is stored on Sterling's computer system.
08	Free-form communication to vendor. This may be an alteration of the order or special instruction that cannot be communicated in the order construct.
75	The buyers' color description if a color code is present in PO113.

Segment DTM: Date/Time Reference (Max. Usage = 1)

DTM01	374	Date/Time Qualifier	O	002
DTM02	373	Date	O	20010301

NOTE: The DTM segment at the detail level will only be submitted if this particular PO line item has a "Requested Delivery" value that's different than the one in the PO header. The only qualifier that would be sent is a "002" that indicates a requested deliver date.

Summary Data

Segment CTT: Transaction Totals

CTT01	354	Number of Line Items	M	1

Sterling, Inc. EDI Trading Partner Guide

Chapter 7 – Advance Ship Notice

Reference Designation	Data Elem.	Name	Mandatory/ Optional	Examples/ Comments

Generalized Layout of Sterling Inc.'s ASN (VICS 4010 Transaction Set 856)

PLEASE NOTE: STERLING JEWELERS IS NOT REQUIRING AN ASN 856 DOCUMENT FOR ORDERS THAT ARE DROP-SHIPPED TO A STORE LOCATION, I.E., ANY LOCATION OTHER THAN THE HOME OFFICE. THIS IS BEING DONE TO REDUCE COSTS FOR BOTH PARTIES INVOLVED, SINCE THE DOCUMENT WILL HAVE LITTLE VALUE FOR THOSE TRANSACTIONS. FURTHER INSTRUCTIONS ARE HIGHLIGHTED BELOW.

<u>**Advance Ship Notice Header Data**</u>

Segment BSN: Beginning Segment for ASN

BSN01	353	Purpose Code	M	00
BSN02	396	Shipment Identification	M	123456789
BSN03	373	Date	M	20001001
BSN04	337	Time	M	1630
BSN05	1005	Hierarchical Structure	M	0001

Segment HL: Hierarchical Level-Shipment (Max. Usage 1)

HL01	628	ID Number	M	1
HL03	735	Level Code	M	S

Segment TD1: Carrier Details (Quantity)

TD101	103	Packaging Code	M	CTN25**
TD102	80	Lading Quantity (Number of Packages)	M	5

**See Appendix

Segment TD5: Carrier Details

TD502	66	ID Code Qualifier	M	2
TD503	67	Standard Carrier Alpha Code	M	UPSS
TD506	368	Shipment/Order Status Code	M	PR**
TD512	264	Service Level Code	M	SG**

**See Appendix

Sterling, Inc. EDI Trading Partner Guide

Chapter 7 – Advance Ship Notice

Reference Designation	Data Elem.	Name	Mandatory/ Optional	Examples/ Comments
Segment REF: Reference Identification (Maximum Usage = 3)				
REF01	128	Reference Qualifier	M	BM
REF02	127	Bill of lading number	M	11122200
REF01	128	Reference Qualifier	M	IA
REF02	127	Internal Vendor Number	M	731434000

Note: REF02 for qualifier IA corresponds to the REF02 transmitted to you in PO 850 and is the vendor number that Sterling has assigned to your company.

Segment DTM: Date time Qualifier (Max. Usage 2)

DTM01	374	Date/Time Qualifier	M	011
DTM02	375	Date	M	20010101

Note: The ship date (qualifier 011) is required and estimated delivery (qualifier 017) is optional

Chapter 7 – Advance Ship Notice

Reference Designation	Data Elem.	Name	Mandatory/ Optional	Examples/ Comments

N1 Loop – Maximum Usage = 3

Segment N1: Name

N101	98	Identifier Code	M	ST**
N102	93	Name	M	Sterling, Inc.
N103	66	Identification Code Qualifier	M	92
N104	67	Location Code	M	0010

**See Appendix

Note: If the Identifier Code in Segment N101 is "ST" and the Location Code in Segment N104 is <u>other than</u> "0010", you are not required to send an ASN 856 document. This is being done to reduce costs for both parties involved, since the document will have little value for those transactions.

Note: *At least one N1 segment <u>must</u> be provided, and should contain the Location Code sent to you in the N104 qualified by 'ST' for the PO 850 we transmitted. . If the N3 and N4 for qualifier 'ST' was provided in the PO 850, it should also be returned here.*

If an N1 seqment qualified by 'BY' was transmitted in the PO 850, you are <u>not</u> <u>required</u> to return an N1 using the Location Code provided in the N104. We will accept the 'BY' if it is sent and if so, it should be followed by the N3 and N4 that was provided in PO 850.

Segment N2: Additional Name Information

N201	93	Name	O	MALL OF AMERICA

NOTE: *This segment will only be provided on Purchase Order type "SO" or "AS".*

Segment N3: Address

N301	166	Address Information	M	3355 Westgate Mall, Unit P2
N302	166	Address Information	O	

Segment N4: Geographic Location

N401	19	City Name	M	Fairview Park
N402	156	State	M	OH
N403	116	Zip Code	M	44126

Sterling, Inc. EDI Trading Partner Guide

Chapter 7 – Advance Ship Notice

Reference Designation	Data Elem.	Name	Mandatory/ Optional	Examples/ Comments

Advance Ship Notice Detail Data

Order Loop – Maximum Usage = 999

Segment HL: Hierarchical Level-Order

HL01	628	ID Number	M	2
HL02	734	Parent ID	M	1
HL03	735	Level Code	M	O

Segment PRF: Purchase Order Reference

PRF01		Purchase Order Number	M	C900121
PRF04		Purchase Order Date	M	20010101

Segment REF: Reference Identification

REF01	128	Reference Qualifier	M	DP
REF02	127	Merchandise Division	M	00

Note: REF02 for qualifier DP corresponds to the REF02 transmitted to you in PO 850 and is the internal merchandise division for Sterling Inc.

Chapter 7 – Advance Ship Notice

Reference Designation	Data Elem.	Name	Mandatory/ Optional	Examples/ Comments
Pack (Carton) Loop – Maximum Usage = 999				
Segment HL: Hierarchical Level-Pack				
HL01	628	ID Number	M	3
HL02	734	Parent ID	M	2
HL03	735	Level Code	M	P
Segment MAN: Marks and Numbers				
MAN01	88	Marks and Numbers Qualifier	M	GM or SM
MAN02	87	Package ID Number	M	0000023123456789123

Note: Please provide either a UCC 128 label code, or your own package ID code in MAN02

MAN04	88	Marks and Numbers Qualifier	M	CP
MAN05	87	Package ID Number	M	110011220302220

Note: Please provide the carriers' unique package ID Number in MAN05

Purchase Order Item Detail (Maximum Usage = 999)				
Segment HL: Hierarchical Level-Item				
HL01	628	ID Number	M	4
HL02	734	Parent ID	M	3
HL03	735	Level Code	M	I

Chapter 7 – Advance Ship Notice

Reference Designation	Data Elem.	Name	Mandatory/ Optional	Examples/ Comments
Segment LIN: Item Identification				
LIN02	235	Product/Service ID Qualifier	M	IN
LIN03	234	Sterling's 7-digit Item Number	M	3354141
LIN04	235	Product/Service ID Qualifier	M	ZZ
LIN05	234	Sterling's 9-digit SKU	M	010001016
LIN06	235	Product/Service ID Qualifier	M	VA
LIN07	234	Vendor Style	M	12231G
LIN08	235	Product/Service ID Qualifier	O	BO
LIN09	234	Color	O	1Y
LIN11	235	Product/Service ID Qualifier	O	IZ
LIN12	234	Size (Finger, Chain, Bracelet, etc)	O	7.5
Segment SN1: Item Detail				
SN102	382	Number of Units Shipped	M	150
SN103	355	Unit or Basis for Measurement Code	M	EA

End of Purchase Order Item Detail Loop

Summary Data

Segment: CTT: Transaction Totals

CTT01	354	Number of Line Items	M	4

Sterling, Inc. EDI Trading Partner Guide

Chapter 8 - Invoice

Reference Designation	Data Elem.	Name	Mandatory/ Optional	Examples/ Comments

Generalized Layout of Sterling Inc.'s Invoice (VICS 4010 Transaction Set 810)

Invoice Header Data

Segment BIG: Beginning Segment for Invoice

BIG01	373	Invoice Issue Date	M	20001115
BIG02	76	Invoice Number	M	565287
BIG03	373	Original PO Date	M	20001001
BIG04	324	Purchase Order Number	M	SO22001122
BIG07	640	Transaction Type Code	O	ME
BIG08	353	Transaction Set Purpose Code	M	00

Note: *BIG03 corresponds to the BEG05 segment that is transmitted to you in PO 850 or sent to us in the ASN 856 PRF01 segment*
BIG04 corresponds to the BEG03 segment that is transmitted to you in PO 850 or sent to us in the ASN 856 PRF04 segment.
BIG07 should only be submitted for consignment orders

Segment CUR: Currency (Optional)

CUR01	98	Entity Identifier Code	M	BY
CUR02	100	Currency Code	M	DLU
CUR03	280	Exchange Rate	M	1.223
CUR04	98	Entity Identifier Code	M	SE
CUR05	100	Currency Code	M	LIR**
CUR07	374	Date/Time Qualifier	M	007
CUR08	373	Date	M	20001115

**See Appendix

Note: *The CUR segment should only be supplied if the sellers' invoice currency is not US Dollars, but if it is submitted all of the fields are required.*

Chapter 8 - Invoice

Reference Designation	Data Elem.	Name	Mandatory/ Optional	Examples/ Comments

Segment REF: Reference Identification (Maximum Usage = 3)

REF01	128	Reference Qualifier	M	IA
REF02	127	Internal Vendor Number	M	731434000
REF01	128	Reference Qualifier	O	IT**
REF02	127	Internal Customer Number (Account)	O	3860

**See Appendix

Note: *REF02 for qualifier IA corresponds to the REF02 transmitted to you in PO 850, or sent to us in the ASN 856 REF02 segment with the same qualifier, and is the vendor number that Sterling has assigned to your company.*

REF02 for qualifier IT is your internal account number that's assigned to Sterling, Inc. If there is one available that you would normally include on a paper invoice, please include it here.

Chapter 8 - Invoice

Reference Designation	Data Elem.	Name	Mandatory/ Optional	Examples/ Comments

---

N1 Loop – Maximum Usage = 3

Segment N1: Name

N101	98	Identifier Code	M	ST**
N102	93	Name	M	Kay J. (0002)
N103	66	Identification Code Qualifier	M	92
N104	67	Location Code	M	0002

**See Appendix

Note: At least one N1 segment <u>must</u> be provided, and should contain the Location Code sent to you in the N104 qualified by 'ST' for the PO 850 we transmitted, or the N104 of the ASN 856 that you transmitted to us. If the N3 and N4 for qualifier 'ST' was provided in the PO 850, it should also be returned here.

If an N1 seqment qualified by 'BY' was transmitted in the PO 850, or sent to use in an ASN 856, please return an N1 using the Location Code provided in the N104, followed by the N3 and N4 if it was provided in PO 850.

Segment N2: Additional Name Information

N201	93	Name	O	MALL OF AMERICA

NOTE: This segment will only be provided on Purchase Order type "SO" or "AS".

Segment N3: Address

N301	166	Address Information	M	3355 Westgate Mall, Unit P2
N302	166	Address Information	O	

Segment N4: Geographic Location

N401	19	City Name	M	Fairview Park
N402	156	State	M	OH
N403	116	Zip Code	M	44126

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Chapter 8 - Invoice

Reference Designation	Data Elem.	Name	Mandatory/ Optional	Examples/ Comments
Segment ITD: Terms of Sale				
ITD01	336	Terms Type Code	M	14**
ITD02	333	Terms Basis Date Code	O	3
ITD03	338	Discount Percent	O	2
ITD04	370	Discount Due Date	O	20001125
ITD06	446	Net Due Date	O	20001225
**See Appendix				
Segment DTM: Date/Time Reference				
DTM01	374	Date Qualifier (Shipped)	M	011
DTM02	373	Date Shipped	M	20001115

Chapter 8 - Invoice

Reference Designation	Data Elem.	Name	Mandatory/ Optional	Examples/ Comments

Invoice Detail Loop – Maximum Usage = 999

Segment IT1: Baseline Item Data

Reference Designation	Data Elem.	Name	Mandatory/ Optional	Examples/ Comments
IT101	350	Invoice Line	M	1
IT102	358	Quantity Invoiced	M	1
IT103	355	Unit Measurement	M	EA**
IT104	212	Unit Price	M	105.94
IT106	235	Product ID Qualifier	M	IN
IT107	234	Buyers Item Number (Our 7-Digit SKU)	M	2001473
IT108	235	Product ID Qualifier	M	VA
IT109	234	Vendor Style Number	M	F2708S10Y75

**See Appendix

Note1: *IT107 corresponds to the PO107 segment that is transmitted to you in PO 850, or the LIN03 that you transmitted to us on the ASN 856.*
IT109 corresponds to the PO109 segment transmitted to you in PO 850, or the LIN05 that you transmitted to us on the ASN 856.
IT103 should be a value of "EA", "CD", "GR" or "WP" submitted to you in the PO 850.
IT102 should be a number of pieces, a weight in grams, a weight in pennyweight or a weight in Carats.
IT104 should be a price per piece, price per gram or price per carat, depending on the value placed in IT102.

Note2: *If there are add-on charges that apply to a particular line item, and the Purchase Order Number has a prefix of "SO", and those charges are listed separately on the paper packing list or invoice, the charges should be submitted on their own IT1. An example would be a charge for ring sizing, in which case there should be an additional IT1 with a quantity equal to the number of rings involved, the unit measurement should be "EA", the unit price should be the cost to size each ring, the SKU should be zero, the style should be some code that identifies the charge/service. A PID that contains the description of the charge or service should follow this.*

Sterling, Inc. EDI Trading Partner Guide

Chapter 8 - Invoice

Reference Designation	Data Elem.	Name	Mandatory/ Optional	Examples/ Comments

Segment PID: Product/Item Description

PID01	349	Item Description Type (Free Form)	M	F
PID02	750	Characteristic Code (Product)	M	08
PID05	352	Product Description	M	F90/04 (8632) Genuine Stone Mothers Ring

Note: We would prefer to have the item description sent here if possible. If there is some special charge as indicated in IT1 Note 2 above, please include the description of the charge or service here.

Segment SAC: Service, Promotion, Allowance or Charge Information*(Maximum Use=10)*

SAC01	248	Allowance/Charge Indicator	M	C or A
SAC02	1300	Service/Allowance/Charge Code	M	E190**
SAC05	610	Amount	M	500
SAC15	352	Description of Charge	M	Labor

**See Appendix

Note: The detail SAC is intended for use for assembled merchandise as opposed to complete goods. Any specific charge related to a single line item should be placed here, whereas charges that apply to the invoice as a whole (such as Freight) should be included in the summary level SAC.

Summary Data

Segment TDS: Total Monetary Value Summary

TDS01	610	Total Invoice Amount	M	11094

Sterling, Inc. EDI Trading Partner Guide

Chapter 8 - Invoice

Reference Designation	Data Elem.	Name	Mandatory/ Optional	Examples/ Comments
Segment CAD: Carrier Details				
CAD01	91	Transportation Method	M	T
CAD04	140	Carrier Code	M	UPSS
CAD07	128	Reference ID	M	08**
CAD08	127	Tracking Number issued by carrier	M	00050040411099
		Or		
CAD07	128	Reference ID	M	97**
CAD08	127	Trace or Package number issued by you	M	5541145
**See Appendix				

Note: If you are not submitting an ASN you must provide tracking information in the invoice, otherwise there should be a reference back to the ASN.

Reference Designation	Data Elem.	Name	Mandatory/ Optional	Examples/ Comments
Segment SAC: Service, Promotion, Allowance or Charge Information(Maximum Use=3)				
SAC01	248	Allowance/Charge Indicator	M	C or A
SAC02	1300	Service/Allowance/Charge Code	M	D240**
SAC05	610	Amount	M	5
SAC15	352	Description of Charge	M	Prepaid Freight
**See Appendix				

Reference Designation	Data Elem.	Name	Mandatory/ Optional	Examples/ Comments
Segment CTT: Transaction Totals				
CTT01	354	Number of Line Items	M	1

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Chapter 9 – Functional Acknowledgements

The purpose of this chapter is to explain Sterling's application of ASC X12 and VICS standards as they pertain to the 997 functional acknowledgment transaction set.

Functional Acknowledgments (997 transactions) represent the first line of control over electronic data interchange transmissions. Therefore, we require you to transmit 997 transaction sets to us to acknowledge the receipt of EDI transmissions. In most cases, we expect to receive your 997's within 24 hours after we have sent you a transmission. If we do not receive the 997 within the expected period, we will assume that you did not receive our original transmission. If this situation occurs, we will contact your EDI coordinator as soon as possible so that together we can begin to research the problem.

Sterling's approach to functional acknowledgment is that transaction set level acknowledgment is not necessary - group level acknowledgments are sufficient. In most cases, if there is a problem we will probably want to re-transmit the entire group of transaction sets rather than selecting and re-transmitting a single transaction set. Also, since most problems that are identified by functional acknowledgments are the result of translator or communications problems, the entire functional group usually contains errors.

Detail format specifications for the individual segments of the functional acknowledgments are directly from the VICS standards.

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Chapter 10 - Suggested Implementation Checklist

1. Obtain other reference materials, such as the ASC X12 Standards and/or the VICS Guidelines.
2. Identify modifications to current business operations.
   - Plan modifications in paper flow.
   - Plan modifications in computer systems.
   - Identify tasks to be accomplished.
   - Estimate the monetary and human resources required for each task.
   - Develop an implementation schedule.

3. Determine computer hardware platform on which to run EDI and obtain/provide hardware resources.
4. Select and install translation software with standards tables.
5. Select and install communications hardware and software.
6. Review Sterling's EDI guidelines.
7. Determine the network (VAN) for conducting business with Sterling via EDI and establish an account and EDI mailbox.
8. Complete and return to Sterling the required Trading Partner information exchange.
9. Conduct a telephone meeting with Sterling's EDI representatives:
   - Discuss transaction sets to be traded via EDI.
   - Discuss network arrangements.
   - Testing approach.

10. Implement EDI interface to applications or other method to enter EDI data into your application systems.
11. Depending on situation, exchange with Sterling any required lists of codes and descriptions, perhaps needed for tables.
12. Conduct a system test.
    - Agree on initial testing date.
    - Conduct a test transmission.
    - Coordinate with Sterling any required format changes and test again if necessary.

13. Conduct parallel testing, i.e., exchange production EDI transactions with paper follow-up, comparing the two sources of information.
14. Proceed with full production EDI.

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Appendix A: Allowable Qualifiers and Codes

BCH 01
01   Cancel Entire Purchase Order
04   Purchase Order Change

BCH02
SA   Stand Alone Order

BEG 01
00   Original Purchase Order

BEG 02
SA   Stand Alone Order

BSN 01
00   Original

CAD 07
08   Carrier Assigned Tracking Number
97   Shipper Assigned Trace or Reference Number

CTP 02
RES   Resale Price

CUR 05
EUR   Euro Dollar
LIR   Lira
PST   Pounds Sterling

DTM 01
001   Cancel After
002   Due Date (Promised)
011   Date Shipped
017   Estimated Delivery
064   Do Not Deliver Before

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FOB 01
PC   Prepaid and Charged to Customer

FOB 02
OR   Origin (Shipping Point)

IT1 06-16 (Even)
BO   Buyers Color
IN   Buyers Item Number (7 digit SKU for complete, part number for assembly)
IZ   Buyers Size
SC   Stone Configuration (Family Jewelry)
VA   Vendors Style Number
ZZ   Mutually Defined (Sterling 9 digit SKU)

ITD 01
01   Basic (Normally used if different from established terms)
14   Previously agreed upon
ZZ   Mutually defined

LIN 02-12 (Even)
BO   Buyers Color
IN   Buyers Item Number (7 digit SKU for complete, part number for assembly)
IZ   Buyers Size
SC   Stone Configuration (Family Jewelry)
VA   Vendors Style Number
ZZ   Mutually Defined (Sterling 9 digit SKU)

N1 01
BY   Buying Party
ST   Ship To
OB   Ordered By (Customer Name)

PER 01
BD   Administrative Contact for Order

PER 03
TE   Telephone

EM   Electronic Mail Address

PO1 03

EA	Each
GR	Gram (not used for complete orders)
WP	Pennyweight (not used for complete orders)
CD	Carat (not used for complete orders)

PO1 06-16 (Even)

BO	Buyers Color
IN	Buyers Item Number (7 digit SKU for complete, part number for assembly)
IZ	Buyers Size
SC	Stone Configuration (Family Jewelry)
VA	Vendors Style Number
ZZ	Mutually Defined (Sterling 9 digit SKU)

POC 02

DI	Delete Item (Line Cancellation)
RZ	Replace All Values

POC 05

EA	Each
GR	Gram (not used for complete orders)
WP	Pennyweight (not used for complete orders)
CD	Carat (not used for complete orders)

POC 08-18 (Even)

BO	Buyers Color
IN	Buyers Item Number (7 digit SKU for complete, part number for assembly)
IZ	Buyers Size
SC	Stone Configuration (Family Jewelry)
VA	Vendors Style Number
ZZ	Mutually Defined (Sterling 9 digit SKU)

REF 01

DP	Department (Sterling Merchandise Division)
IA	Vendor Number Assigned by Buyer
IT	Customer Number Assigned by Vendor

PRT   Merchandise Type (Sterling Order prefix)
PI   Metal Lock Requirement/Price
VN   Vendors Order/Confirmation Number
ZZ   Sterling order purpose type

SAC 02

A480	Assembly
A721	Brokerage or Duty
B320	Competitive Allowance
B860	Customs Broker Fee
B870	Customs Charge
B872	Customs Duty
B888	Customs Entry
C530	Duty Charge
D240	Freight
E190	Labor Charges
E540	Manufacturing
E680	Mounting
E620	Metals Surcharge
F800	Promotional Allowance
G400	Repair
G660	Scrap Allowance
I060	Ticketing Service
ZZZZ	Mutually Defined

TD1 01

BAG79	Plastic Bag
CTN25	Carton

TD5 06

BP	Shipment Partial, Backordered
CC	Shipment Complete
CM	Shipment Complete With Additional Quantity
CP	Partial Shipment, Considered No Backorder
PR	Partial Shipment
SS	Split Shipment

TD5 12

09	Premium Surface

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CE   Courier Express
ET   Proof of Delivery
FC   First Class
NM   Next Morning
ON   Overnight
PM   Priority Mail
SE   Second Day
SM   Second Morning