



An EIDX Convention for Electronic Data Interchange

Transaction Set

846

Inventory Inquiry/Advice

Functional Group ID = IB
X12 Version 004 Release 010

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INTRODUCTION

This section provides the necessary information to enable trading partners to utilize the ASC X12 standards for the exchange of electronic business documents within the electronics industry.

Hyperlinks in this document

This document contains hyperlinks to pages on the EIDX web site as well as hyperlinks to off-site web pages.

EIDX Site Pages. EIDX makes every effort to keep the structure of the site stable and to keep hyperlinks working. However, content does change, and some hyperlinks to www.eidx.org in this document may not work; hyperlinks may not work in the Portable Document Format (.pdf) representations. Navigation aids are provided on the site that may help you to find what you are looking for, as well as a search form. Go to the Publications link on the home page to get started. Use the link on the web site to contact EIDX for further information.

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Abbreviations and Notations

The navigation menu in the EIDX web site Publications area includes links to [Methodology and Legends for EIDX Models](#), the [EIDX Glossary](#) and the [EIDX Acronyms and Abbreviations](#)¹ collection.

General Recommendations and Best Practices

Recommendations and best practices that apply to all business processes, including recommendations for product identification and partner identification, are found in [EIDX Business Models – General Support](#)

Additional References

EIDX Scenarios and Component Models index at <http://www.eidx.org/publications/>:

- [Inventory Management Business Models](#)
- [Consignment Scenarios](#)
- [Distributor Scenarios](#)

EIDX Supporting Documentation:

- [Inventory Management Models: General Information and Considerations](#)
- [Data Requirements](#)

[Business Documents and Document Cross-Reference](#)

¹ <http://www.eidx.org/publications/abbrev/>

OVERVIEW

1. FUNCTIONAL DEFINITION

This Draft Standard for Trial Use contains the format and establishes the data contents of the Inventory Inquiry/Advice Transaction Set (846) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used in the following ways: (1) for a seller of goods and services to provide inventory information to a prospective purchaser, with no obligation to the purchaser to acquire these goods or services; (2) for a representative of a seller of goods and services to supply inventory information to that seller; (3) for one location to supply another location with inventory information; and (4) for an inquiry as to the availability of inventory with no obligation on the seller of goods and services to reserve that inventory.

2. CONSIDERATIONS

N/A.

3. TRADING PARTNERS

1. Any sender to any receiver.

4. EIDX BUSINESS MODELS

This is a simple recast/version upgrade of an existing EIDX guideline. Business models were not evaluated.

5. FIELD OF APPLICATION

This transaction may be applied for both national and international trade. It is based on universal commercial practice and is not dependent on the type of business or industry.

6. FORMAT

The transmission in the ASC X12 format uses two required envelopes. One is the ISA Interchange Control Header Segment, which starts and identifies an interchange of zero or more functional groups and interchange-related control segments. The ISA includes the sender's mailbox address and a receiver's mailbox address, and specifies which delimiter (a/k/a control, service) characters (data element separator, component element separator and data segment terminator) are being used.

There are no default service characters reserved for use in ASC X12. Allowable service characters should be discussed between trading partners.

The second required envelope is GS Functional Group Header, which indicates the beginning of a functional group and provides group level control information. The GS segment includes functional group level sender and receiver addresses, typically used by the trading partner(s) for internal routing. The GS also includes the GS08 ASC X12 Version/Release/Industry Identifier Code. EIDX does not recommend the use of an Industry Identifier code.

The functional groups are analogous to batches of like documents, i.e. purchase orders, invoices, etc. Each functional group contains one or more transaction sets (electronic documents).

Each transaction set is an ordered collection of segments.

Each segment is an ordered collection of data elements. Each segment has been assigned a two or three character identifier. This identifier marks the beginning of each segment. Each element within the segment is separated by a data element delimiter. EIDX recommends the use of the asterisk (*) character as a data element delimiter. A segment terminator character is used to mark the end of a segment.

Any shaded areas indicate EIDX recommended usage and comment.

7. ATTRIBUTES

Each data element has three ANSI attributes: Element usage, element type and minimum/maximum length. EIDX has additional usage indicated for optional segments and elements which are noted in the following table.

MARGIN	ATTRIBUTE	DE NOTE	MEANING
Must Use	M (Mandatory)	N/A	If a segment, composite, or stand alone data element is mandatory according to the standard, EIDX cannot change the mandatory status on that component. <i>DATA ELEMENT within a COMPOSITE:</i> A data element within a composite is mandatory only if the composite is used.
X	C or X (Conditional) or O (Optional)	No note or NOT USED	EIDX has determined no value in supplying the composite or data element; hence, it need not be generated.
Blank	C or X (Conditional) or O (Optional)	REQUIRED	EIDX members agree that the data concerned must be sent.
Blank	C or X (Conditional) or O (Optional)	No note	Indicates that EIDX makes no recommendation regarding usage. The trading partners must agree on usage.
Blank	C or X (Conditional) or O (Optional)	ADVISED	EIDX has determined value in supplying the data element; hence, it should be generated.
Blank	C or X (Conditional) or O (Optional)	DEPENDING	Data must be sent if a particular defined condition or set of conditions exist. The associated conditions must be explained at the appropriate level of detail.

8. CHANGES FROM VERSION 3020

Only segments, elements or codes used by EIDX are listed. Because this is a recast and EIDX is not adding codes to any code lists except codes identified in EIDX's guidelines for product and other identifiers. Type ID fields which have increased in maximum length are not listed.

- All date fields changed from 6/6 (YYMMDD) to 8/8 (CCYYMMDD)
- Max length of DE 93 Name (used in N102) changed from 35 to 60
- Max length of DE 67 Identification Code (used in N104) changed from 17 to 80
- Max length of DE 235 Product/Service ID (used in LIN segment) changed from 30 to 48.
- Requirement of DE 234 Product/Service ID Qualifier (used in LIN segment) changed from 'O' Optional to 'X' Conditional
- Requirement of DE 380 Quantity in QTY01 changed from 'M' Mandatory to 'X' Conditional.
- Max length of DE 212 Unit Price (used in UIT02) changed from 14 to 17.
- Max use of N1 loop in detail area (LIN.N1) changed from 5 to 200.
- Requirement for CTT segment changed from 'M' Mandatory to 'O' Optional.
- Max length of DE 96 Number of Included Segments in SE01 changed from 6 to 10.

SEGMENT TABLES

846 Inventory Inquiry/Advice – List of Used and Not Used Segments

Heading:

	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Loop Repeat</u>	<u>Notes and Comments</u>
Must Use	010	ST	Transaction Set Header	M	1		
Must Use	020	BIA	Beginning Segment for Inventory Inquiry/Advice	M	1		
	040	CUR	Currency	O	1		
Not Used	050	DTM	Date/Time Reference	O	10		
	060	REF	Reference Identification	O	12		
Not Used	070	PER	Administrative Communications Contact	O	3		
Not Used	075	MEA	Measurements	O	20		
LOOP ID – N1						5	
	080	N1	Name	O	1		
Not Used	090	N2	Additional Name Information	O	2		
Not Used	100	N3	Address Information	O	2		
Not Used	110	N4	Geographic Location	O	1		
Not Used	120	REF	Reference Identification	O	12		
Not Used	130	PER	Administrative Communications Contact	O	3		
LOOP ID – LM						10	
Not Used	140	LM	Code Source Information	O	1		
Not Used	150	LQ	Industry Code	M	100		

Detail:

	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Loop Repeat</u>	<u>Notes and Comments</u>
LOOP ID – LIN						10000	
Must Use	010	LIN	Item Identification	M	1		
Not Used	030	PID	Product/Item Description	O	200		
Not Used	040	MEA	Measurements	O	40		
Not Used	050	PKG	Marking, Packaging, Loading	O	25		
Not Used	100	DTM	Date/Time Reference	O	10		
Not Used	110	CTP	Pricing Information	O	25		
Not Used	120	CUR	Currency	O	1		
Not Used	130	SAC	Service, Promotion, Allowance, or Charge Information	O	25		
	140	REF	Reference Identification	O	>1		
Not Used	150	PER	Administrative Communications Contact	O	3		
Not Used	220	SDQ	Destination Quantity	O	500		
Not Used	230	MAN	Marks and Numbers	O	1		
Not Used	235	UIT	Unit Detail	O	5		
Not Used	240	CS	Contract Summary	O	1		
Not Used	250	DD	Demand Detail	O	>1		
Not Used	255	G53	Maintenance Type	O	1		
Not Used	256	PCT	Percent Amounts	O	>1		

Not Used	257	LDT	Lead Time	O	12		
			LOOP ID - LM			10	
Not Used	260	LM	Code Source Information	O	1		
Not Used	270	LQ	Industry Code	M	100		
			LOOP ID - SLN			1000	
Not Used	280	SLN	Subline Item Detail	O	1		
Not Used	290	PID	Product/Item Description	O	200		
Not Used	300	MEA	Measurements	O	40		
Not Used	310	PKG	Marking, Packaging, Loading	O	25		
			LOOP ID - MAN			100	
Not Used	312	MAN	Marks and Numbers	O	1		
Not Used	314	MEA	Measurements	O	40		
			LOOP ID - QTY			99	
	320	QTY	Quantity	O	1		
	330	UIT	Unit Detail	O	12		
Not Used	340	MEA	Measurements	O	25		
	350	LDT	Lead Time	O	12		
Not Used	355	DTM	Date/Time Reference	O	10		
			LOOP ID - SCH			25	
	360	SCH	Line Item Schedule	O	1		
Not Used	370	MEA	Measurements	O	25		
			LOOP ID - LM			>1	
Not Used	375	LM	Code Source Information	O	1		
Not Used	376	LQ	Industry Code	M	100		
Not Used	380	LS	Loop Header	O	1		
			LOOP ID - REF			>1	
Not Used	390	REF	Reference Identification	O	1		n1
Not Used	400	DTM	Date/Time Reference	O	>1		
Not Used	410	N1	Name	O	1		
			LOOP ID - LM			10	
Not Used	420	LM	Code Source Information	O	1		
Not Used	430	LQ	Industry Code	M	100		
Not Used	440	LE	Loop Trailer	O	1		
			LOOP ID - N1			200	
	450	N1	Name	O	1		
Not Used	460	N2	Additional Name Information	O	2		
Not Used	470	N3	Address Information	O	2		
Not Used	480	N4	Geographic Location	O	1		
Not Used	490	REF	Reference Identification	O	12		
Not Used	500	PER	Administrative Communications Contact	O	3		

Summary:

Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
010	CTT	Transaction Totals	O	1		n2
Must Use 020	SE	Transaction Set Trailer	M	1		

Transaction Set Notes

1. The REF loop conveys serial number, lot number, and inventory data.

2. Number of line items (CTT01) is the accumulation of number of LIN segments. If used, hash total (CTT02) is the sum of the values of the quantities (QTY02) of each QTY segment.

Segment: **ST** Transaction Set Header

Position: 010

Loop:

Level: Heading

Usage: Mandatory

Max Use: 1

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

Syntax Notes:

Semantic Notes: 1 The transaction set identifier (ST01) is used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).

Comments:

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	ST01	143	Transaction Set Identifier Code	M ID 3/3
			Code uniquely identifying a Transaction Set 846 Inventory Inquiry/Advice	
Must Use	ST02	329	Transaction Set Control Number	M AN 4/9

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

The control number is assigned by the sender. It should be sequentially assigned within each functional group to aid in error recovery and research. The control number in the SE segment (SE02) must be identical to the control number in the ST segment for each transaction.

Segment: **BIA** Beginning Segment for Inventory Inquiry/Advice

Position: 020

Loop:

Level: Heading

Usage: Mandatory

Max Use: 1

Purpose: To indicate the beginning of an Inventory Inquiry/Advice Transaction Set

Syntax Notes:

- Semantic Notes:**
- 1 BIA03 identifies the number of the inquiry/advice that is transferred.
 - 2 BIA04 identifies the date of the inquiry/advice that is transferred.
 - 3 BIA05 identifies the time of the inquiry/advice that is transferred.

Comments:

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	BIA01	353	Transaction Set Purpose Code	M ID 2/2
			Code identifying purpose of transaction set	
			00 Original	This is a complete inventory advice transaction set. This transaction set replaces all prior transaction sets. Products/Services which were included in previous transaction sets and not listed are either no longer available or are out of stock, depending on trading partner agreements.
			04 Change	This is a transaction set of only product/services which have changed since the previous transaction set. Products/services which are not included in this transaction set have not changed since the previous transaction set. Items with a quantity of zero either are not longer available or are temporarily out of stock, depending on trading partner agreements.
Must Use	BIA02	755	Report Type Code	M ID 2/2
			Code indicating the title or contents of a document, report or supporting item	
			CM Customer/Manufacturer Inventory Report	
			DM Distributor/Manufacturer Inventory Report	
			LC Location Inventory Report	Refers to a specific company at a physical location.
			MB Manufacturer/Distributor Inventory Report	
			MC Manufacturer/Customer Inventory Report	

Must Use	BIA03	127	Reference Identification	M AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier The number of the advice that is transmitted.	
Must Use	BIA04	373	Date	M DT 8/8
			Date expressed as CCYYMMDD Date is the effective inventory date, not the transmission date.	
Not Used	BIA05	337	Time	O TM 4/8
			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)	
Not Used	BIA06	306	Action Code	O ID 1/2
			Code indicating type of action Refer to 004010 Data Element Dictionary for acceptable code values.	

Segment: **CUR** Currency

Position: 040

Loop:

Level: Heading

Usage: Optional

Max Use: 1

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

- Syntax Notes:**
- 1 If CUR08 is present, then CUR07 is required.
 - 2 If CUR09 is present, then CUR07 is required.
 - 3 If CUR10 is present, then at least one of CUR11 or CUR12 is required.
 - 4 If CUR11 is present, then CUR10 is required.
 - 5 If CUR12 is present, then CUR10 is required.
 - 6 If CUR13 is present, then at least one of CUR14 or CUR15 is required.
 - 7 If CUR14 is present, then CUR13 is required.
 - 8 If CUR15 is present, then CUR13 is required.
 - 9 If CUR16 is present, then at least one of CUR17 or CUR18 is required.
 - 10 If CUR17 is present, then CUR16 is required.
 - 11 If CUR18 is present, then CUR16 is required.
 - 12 If CUR19 is present, then at least one of CUR20 or CUR21 is required.
 - 13 If CUR20 is present, then CUR19 is required.
 - 14 If CUR21 is present, then CUR19 is required.

Semantic Notes:

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

Notes: CUR segment is to be used when the currency is other than U.S. dollars.

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	CUR01	98	Entity Identifier Code	M ID 2/3
			Code identifying an organizational entity, a physical location, property or an individual Refer to 004010 Data Element Dictionary for acceptable code values.	
Must Use	CUR02	100	Currency Code	M ID 3/3
			Code (Standard ISO) for country in whose currency the charges are specified	
Not Used	CUR03	280	Exchange Rate	O R 4/10
			Value to be used as a multiplier conversion factor to convert monetary value from one currency to another	
Not Used	CUR04	98	Entity Identifier Code	O ID 2/3
			Code identifying an organizational entity, a physical location, property or an individual Refer to 004010 Data Element Dictionary for acceptable code values.	

Not Used	CUR05	100	Currency Code	O ID 3/3
			Code (Standard ISO) for country in whose currency the charges are specified	
Not Used	CUR06	669	Currency Market/Exchange Code	O ID 3/3
			Code identifying the market upon which the currency exchange rate is based Refer to 004010 Data Element Dictionary for acceptable code values.	
Not Used	CUR07	374	Date/Time Qualifier	X ID 3/3
			Code specifying type of date or time, or both date and time Refer to 004010 Data Element Dictionary for acceptable code values.	
Not Used	CUR08	373	Date	O DT 8/8
			Date expressed as CCYYMMDD	
Not Used	CUR09	337	Time	O TM 4/8
			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)	
Not Used	CUR10	374	Date/Time Qualifier	X ID 3/3
			Code specifying type of date or time, or both date and time Refer to 004010 Data Element Dictionary for acceptable code values.	
Not Used	CUR11	373	Date	X DT 8/8
			Date expressed as CCYYMMDD	
Not Used	CUR12	337	Time	X TM 4/8
			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)	
Not Used	CUR13	374	Date/Time Qualifier	X ID 3/3
			Code specifying type of date or time, or both date and time Refer to 004010 Data Element Dictionary for acceptable code values.	
Not Used	CUR14	373	Date	X DT 8/8
			Date expressed as CCYYMMDD	

Not Used	CUR15	337	Time	X TM 4/8
			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)	
Not Used	CUR16	374	Date/Time Qualifier	X ID 3/3
			Code specifying type of date or time, or both date and time Refer to 004010 Data Element Dictionary for acceptable code values.	
Not Used	CUR17	373	Date	X DT 8/8
			Date expressed as CCYYMMDD	
Not Used	CUR18	337	Time	X TM 4/8
			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)	
Not Used	CUR19	374	Date/Time Qualifier	X ID 3/3
			Code specifying type of date or time, or both date and time Refer to 004010 Data Element Dictionary for acceptable code values.	
Not Used	CUR20	373	Date	X DT 8/8
			Date expressed as CCYYMMDD	
Not Used	CUR21	337	Time	X TM 4/8
			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)	

Segment: **REF** Reference Identification

Position: 060
Loop:
Level: Heading
Usage: Optional
Max Use: 12
Purpose: To specify identifying information
Syntax Notes:
 1 At least one of REF02 or REF03 is required.
 2 If either C04003 or C04004 is present, then the other is required.
 3 If either C04005 or C04006 is present, then the other is required.
Semantic Notes:
 1 REF04 contains data relating to the value cited in REF02.

Comments:
Notes: Recommended by EIDX.

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	REF01	128	Reference Identification Qualifier	M ID 2/3
			Code qualifying the Reference Identification TN Transaction Reference Number	
	REF02	127	Reference Identification	X AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier Required by EIDX.	
			Number supplied by requester when initiating request for Inventory Advice.	
Not Used	REF03	352	Description	X AN 1/80
			A free-form description to clarify the related data elements and their content	
Not Used	REF04	C040	Reference Identifier	O
			To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier	
Not Used	C04001	128	Reference Identification Qualifier	M ID 2/3
			Code qualifying the Reference Identification Refer to 004010 Data Element Dictionary for acceptable code values.	
Not Used	C04002	127	Reference Identification	M AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	
Not Used	C04003	128	Reference Identification Qualifier	X ID 2/3
			Code qualifying the Reference Identification Refer to 004010 Data Element Dictionary for acceptable code values.	

Not Used	C04004	127	Reference Identification	X	AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier		
Not Used	C04005	128	Reference Identification Qualifier	X	ID 2/3
			Code qualifying the Reference Identification Refer to 004010 Data Element Dictionary for acceptable code values.		
Not Used	C04006	127	Reference Identification	X	AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier		

Segment: **N1 Name**

Position: 080
Loop: N1 Optional
Level: Heading
Usage: Optional
Max Use: 1

Purpose: To identify a party by type of organization, name, and code
Syntax Notes: 1 At least one of N102 or N103 is required.
 2 If either N103 or N104 is present, then the other is required.

Semantic Notes:

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.

Notes: Required by EIDX.

This segment is used to identify the party providing the inventory advice. It is recommended that trading partners codify all addresses within their system.

Data Element Summary

Ref. Des.	Data Element	Name	Attributes
Must Use N101	98	Entity Identifier Code	M ID 2/3
		Code identifying an organizational entity, a physical location, property or an individual	
		28 Subcontractor	
		BY Buying Party (Purchaser)	
		CN Consignee	
		DB Distributor Branch	
		DS Distributor	
		EN End User	
		MA Party for whom Item is Ultimately Intended	
		MF Manufacturer of Goods	
		PG Prime Contractor	
		SN Store	
		SU Supplier/Manufacturer	
		WH Warehouse	
N102	93	Name	X AN 1/60
		Free-form name	
N103	66	Identification Code Qualifier	X ID 1/2
		Code designating the system/method of code structure used for Identification Code (67)	
		Required by EIDX.	
		1 D-U-N-S Number, Dun & Bradstreet	
		Recommended by EIDX.	
		9 D-U-N-S+4, D-U-N-S Number with Four Character Suffix	
		Recommended by EIDX.	

			14	UCC/EAN Location Code Prefix The first part of a 13 digit UCC/EAN Location Code within the Uniform Code Council (UCC) and International Article Number Association (EAN) numbering system. A globally unique 3 to 10 digit code for the identification of a company		
			91	Assigned by Seller or Seller's Agent		
			92	Assigned by Buyer or Buyer's Agent		
	N104	67	Identification Code		X	AN 2/80
				Code identifying a party or other code Required by EIDX.		
				Number that identifies the location.		
Not Used	N105	706	Entity Relationship Code		O	ID 2/2
				Code describing entity relationship Refer to 004010 Data Element Dictionary for acceptable code values.		
Not Used	N106	98	Entity Identifier Code		O	ID 2/3
				Code identifying an organizational entity, a physical location, property or an individual Refer to 004010 Data Element Dictionary for acceptable code values.		

Segment: **LIN** Item Identification

- Position:** 010
- Loop:** LIN Mandatory
- Level:** Detail
- Usage:** Mandatory
- Max Use:** 1
- Purpose:** To specify basic item identification data
- Syntax Notes:**
 - 1 If either LIN04 or LIN05 is present, then the other is required.
 - 2 If either LIN06 or LIN07 is present, then the other is required.
 - 3 If either LIN08 or LIN09 is present, then the other is required.
 - 4 If either LIN10 or LIN11 is present, then the other is required.
 - 5 If either LIN12 or LIN13 is present, then the other is required.
 - 6 If either LIN14 or LIN15 is present, then the other is required.
 - 7 If either LIN16 or LIN17 is present, then the other is required.
 - 8 If either LIN18 or LIN19 is present, then the other is required.
 - 9 If either LIN20 or LIN21 is present, then the other is required.
 - 10 If either LIN22 or LIN23 is present, then the other is required.
 - 11 If either LIN24 or LIN25 is present, then the other is required.
 - 12 If either LIN26 or LIN27 is present, then the other is required.
 - 13 If either LIN28 or LIN29 is present, then the other is required.
 - 14 If either LIN30 or LIN31 is present, then the other is required.
- Semantic Notes:**
 - 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., U.P.C. No., ISBN No., Model No., or SKU.

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Not Used	LIN01	350	Assigned Identification	O AN 1/20
			Alphanumeric characters assigned for differentiation within a transaction set	
Must Use	LIN02	235	Product/Service ID Qualifier	M ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)	
			Reference EIDX product identification guidelines.	
			AB	Assembly
			BP	Buyer's Part Number
			EC	Engineering Change Level
			EN	European Article Number (EAN) (2-5-5-1)
			MG	Manufacturer's Part Number
			PC	Prime Contractor Part Number
			UP	U.P.C. Consumer Package Code (1-5-5-1)
			VP	Vendor's (Seller's) Part Number
Must Use	LIN03	234	Product/Service ID	M AN 1/48
			Identifying number for a product or service	

LIN04	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234) See code list in first occurrence of DE 235 on this segment.	X	ID 2/2
LIN05	234	Product/Service ID Identifying number for a product or service	X	AN 1/48
LIN06	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234) See code list in first occurrence of DE 235 on this segment.	X	ID 2/2
LIN07	234	Product/Service ID Identifying number for a product or service	X	AN 1/48
LIN08	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234) See code list in first occurrence of DE 235 on this segment.	X	ID 2/2
LIN09	234	Product/Service ID Identifying number for a product or service	X	AN 1/48
LIN10	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234) See code list in first occurrence of DE 235 on this segment.	X	ID 2/2
LIN11	234	Product/Service ID Identifying number for a product or service	X	AN 1/48
LIN12	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234) See code list in first occurrence of DE 235 on this segment.	X	ID 2/2
LIN13	234	Product/Service ID Identifying number for a product or service	X	AN 1/48
LIN14	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234) See code list in first occurrence of DE 235 on this segment.	X	ID 2/2
LIN15	234	Product/Service ID Identifying number for a product or service	X	AN 1/48
LIN16	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234) See code list in first occurrence of DE 235 on this segment.	X	ID 2/2
LIN17	234	Product/Service ID Identifying number for a product or service	X	AN 1/48
LIN18	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234) See code list in first occurrence of DE 235 on this segment.	X	ID 2/2
LIN19	234	Product/Service ID Identifying number for a product or service	X	AN 1/48
LIN20	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234) See code list in first occurrence of DE 235 on this segment.	X	ID 2/2

LIN21	234	Product/Service ID Identifying number for a product or service	X	AN 1/48
LIN22	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234) See code list in first occurrence of DE 235 on this segment.	X	ID 2/2
LIN23	234	Product/Service ID Identifying number for a product or service	X	AN 1/48
LIN24	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234) See code list in first occurrence of DE 235 on this segment.	X	ID 2/2
LIN25	234	Product/Service ID Identifying number for a product or service	X	AN 1/48
LIN26	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234) See code list in first occurrence of DE 235 on this segment.	X	ID 2/2
LIN27	234	Product/Service ID Identifying number for a product or service	X	AN 1/48
LIN28	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234) See code list in first occurrence of DE 235 on this segment.	X	ID 2/2
LIN29	234	Product/Service ID Identifying number for a product or service	X	AN 1/48
LIN30	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234) See code list in first occurrence of DE 235 on this segment.	X	ID 2/2
LIN31	234	Product/Service ID Identifying number for a product or service	X	AN 1/48

Segment: **REF** Reference Identification

Position: 140
Loop: LIN Mandatory
Level: Detail
Usage: Optional
Max Use: >1

Purpose: To specify identifying information

- Syntax Notes:**
- 1 At least one of REF02 or REF03 is required.
 - 2 If either C04003 or C04004 is present, then the other is required.
 - 3 If either C04005 or C04006 is present, then the other is required.

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

Comments:

Notes: Recommended by EIDX.

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	REF01	128	Reference Identification Qualifier	M ID 2/3
			Code qualifying the Reference Identification TN Transaction Reference Number	
	REF02	127	Reference Identification	X AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier Required by EIDX.	
Not Used	REF03	352	Description	X AN 1/80
			A free-form description to clarify the related data elements and their content	
Not Used	REF04	C040	Reference Identifier	O
			To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier	
Not Used	C04001	128	Reference Identification Qualifier	M ID 2/3
			Code qualifying the Reference Identification Refer to 004010 Data Element Dictionary for acceptable code values.	
Not Used	C04002	127	Reference Identification	M AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	
Not Used	C04003	128	Reference Identification Qualifier	X ID 2/3
			Code qualifying the Reference Identification Refer to 004010 Data Element Dictionary for acceptable code values.	
Not Used	C04004	127	Reference Identification	X AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	

Not Used	C04005	128	Reference Identification Qualifier	X	ID 2/3
			Code qualifying the Reference Identification Refer to 004010 Data Element Dictionary for acceptable code values.		
Not Used	C04006	127	Reference Identification	X	AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier		

Segment: QTY Quantity

Position: 320
Loop: QTY Optional
Level: Detail
Usage: Optional
Max Use: 1

Purpose: To specify quantity information

Syntax Notes:
 1 At least one of QTY02 or QTY04 is required.
 2 Only one of QTY02 or QTY04 may be present.

Semantic Notes: 1 QTY04 is used when the quantity is non-numeric.

Comments:

Notes: Required by EIDX.

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	QTY01	673	Quantity Qualifier	M ID 2/2
			Code specifying the type of quantity	
			17 Quantity on Hand	
			26 Total Inventory	
			30 Quote Quantity on Inventory	
			32 Quantity Sold	
			34 Noncommitted Inventory on Shelf	
			36 Distributor Inventory	
			37 Work In Process	
	QTY02	380	Quantity	X R 1/15
			Numeric value of quantity	
	QTY03	C001	Composite Unit of Measure	O
			To identify a composite unit of measure (See Figures Appendix for examples of use)	
Must Use	C00101	355	Unit or Basis for Measurement Code	M ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	
			Refer to 004010 Data Element Dictionary for acceptable code values.	
Not Used	C00102	1018	Exponent	O R 1/15
			Power to which a unit is raised	
Not Used	C00103	649	Multiplier	O R 1/10
			Value to be used as a multiplier to obtain a new value	
Not Used	C00104	355	Unit or Basis for Measurement Code	O ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	
			Refer to 004010 Data Element Dictionary for acceptable code values.	

Not Used	C00105	1018	Exponent	O R 1/15
			Power to which a unit is raised	
Not Used	C00106	649	Multiplier	O R 1/10
			Value to be used as a multiplier to obtain a new value	
Not Used	C00107	355	Unit or Basis for Measurement Code	O ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken Refer to 004010 Data Element Dictionary for acceptable code values.	
Not Used	C00108	1018	Exponent	O R 1/15
			Power to which a unit is raised	
Not Used	C00109	649	Multiplier	O R 1/10
			Value to be used as a multiplier to obtain a new value	
Not Used	C00110	355	Unit or Basis for Measurement Code	O ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken Refer to 004010 Data Element Dictionary for acceptable code values.	
Not Used	C00111	1018	Exponent	O R 1/15
			Power to which a unit is raised	
Not Used	C00112	649	Multiplier	O R 1/10
			Value to be used as a multiplier to obtain a new value	
Not Used	C00113	355	Unit or Basis for Measurement Code	O ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken Refer to 004010 Data Element Dictionary for acceptable code values.	
Not Used	C00114	1018	Exponent	O R 1/15
			Power to which a unit is raised	
Not Used	C00115	649	Multiplier	O R 1/10
			Value to be used as a multiplier to obtain a new value	
Not Used	QTY04	61	Free-Form Message	X AN 1/30
			Free-form information	

Segment: UIT Unit Detail

Position: 330
Loop: QTY Optional
Level: Detail
Usage: Optional
Max Use: 12
Purpose: To specify item unit data
Syntax Notes: 1 If UIT03 is present, then UIT02 is required.
Semantic Notes:
Comments:

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	UIT01	C001	Composite Unit of Measure	M
			To identify a composite unit of measure (See Figures Appendix for examples of use)	
Must Use	C00101	355	Unit or Basis for Measurement Code	M ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken Refer to 004010 Data Element Dictionary for acceptable code values.	
Not Used	C00102	1018	Exponent	O R 1/15
			Power to which a unit is raised	
Not Used	C00103	649	Multiplier	O R 1/10
			Value to be used as a multiplier to obtain a new value	
Not Used	C00104	355	Unit or Basis for Measurement Code	O ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken Refer to 004010 Data Element Dictionary for acceptable code values.	
Not Used	C00105	1018	Exponent	O R 1/15
			Power to which a unit is raised	
Not Used	C00106	649	Multiplier	O R 1/10
			Value to be used as a multiplier to obtain a new value	
Not Used	C00107	355	Unit or Basis for Measurement Code	O ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken Refer to 004010 Data Element Dictionary for acceptable code values.	

Not Used	C00108	1018	Exponent	O	R 1/15
			Power to which a unit is raised		
Not Used	C00109	649	Multiplier	O	R 1/10
			Value to be used as a multiplier to obtain a new value		
Not Used	C00110	355	Unit or Basis for Measurement Code	O	ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken Refer to 004010 Data Element Dictionary for acceptable code values.		
Not Used	C00111	1018	Exponent	O	R 1/15
			Power to which a unit is raised		
Not Used	C00112	649	Multiplier	O	R 1/10
			Value to be used as a multiplier to obtain a new value		
Not Used	C00113	355	Unit or Basis for Measurement Code	O	ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken Refer to 004010 Data Element Dictionary for acceptable code values.		
Not Used	C00114	1018	Exponent	O	R 1/15
			Power to which a unit is raised		
Not Used	C00115	649	Multiplier	O	R 1/10
			Value to be used as a multiplier to obtain a new value		
	UIT02	212	Unit Price	X	R 1/17
			Price per unit of product, service, commodity, etc.		
	UIT03	639	Basis of Unit Price Code	O	ID 2/2
			Code identifying the type of unit price for an item		
			CA Catalog		
			DI Distributor		
			QT Quoted		

Segment: LDT Lead Time

Position: 350
Loop: QTY Optional
Level: Detail
Usage: Optional
Max Use: 12
Purpose: To specify lead time for availability of products and services
Syntax Notes:
Semantic Notes: 1 LDT04 is the effective date of lead time information.
Comments: 1 LDT02 is the quantity of unit of time periods.

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	LDT01	345	Lead Time Code	M ID 2/2
			Code indicating the time range	
			AE From date of PO receipt to shipment	
			AF From date of PO receipt to delivery	
			AG From last booked order to delivery	
Must Use	LDT02	380	Quantity	M R 1/15
			Numeric value of quantity	
Must Use	LDT03	344	Unit of Time Period or Interval	M ID 2/2
			Code indicating the time period or interval	
			DA Calendar Days	
			DW Work Days	
			MO Month	
			WK Weeks	
Not Used	LDT04	373	Date	O DT 8/8
			Date expressed as CCYYMMDD	

Segment: **SCH** Line Item Schedule

- Position:** 360
- Loop:** SCH Optional
- Level:** Detail
- Usage:** Optional
- Max Use:** 1
- Purpose:** To specify the data for scheduling a specific line-item
- Syntax Notes:**
 - 1 If SCH03 is present, then SCH04 is required.
 - 2 If SCH08 is present, then at least one of SCH09 or SCH10 is required.
 - 3 If SCH09 is present, then SCH08 is required.
 - 4 If SCH10 is present, then SCH08 is required.
- Semantic Notes:**
 - 1 SCH12 is the schedule identification.
- Comments:**
 - 1 SCH05 specifies the interpretation to be used for SCH06 and SCH07.

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	SCH01	380	Quantity	M R 1/15
			Numeric value of quantity	
Must Use	SCH02	355	Unit or Basis for Measurement Code	M ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken Refer to 004010 Data Element Dictionary for acceptable code values.	
Not Used	SCH03	98	Entity Identifier Code	O ID 2/3
			Code identifying an organizational entity, a physical location, property or an individual Refer to 004010 Data Element Dictionary for acceptable code values.	
Not Used	SCH04	93	Name	X AN 1/60
			Free-form name	
Must Use	SCH05	374	Date/Time Qualifier	M ID 3/3
			Code specifying type of date or time, or both date and time 007 Effective	
Must Use	SCH06	373	Date	M DT 8/8
			Date expressed as CCYYMMDD	
	SCH07	337	Time	O TM 4/8
			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)	

Not Used	SCH08	374	Date/Time Qualifier	X	ID 3/3
			Code specifying type of date or time, or both date and time Refer to 004010 Data Element Dictionary for acceptable code values.		
Not Used	SCH09	373	Date	X	DT 8/8
			Date expressed as CCYYMMDD		
Not Used	SCH10	337	Time	X	TM 4/8
			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)		
Not Used	SCH11	326	Request Reference Number	O	AN 1/45
			Reference number or RFQ number to use to identify a particular transaction set and query (additional reference number or description which can be used with contract number)		
Not Used	SCH12	350	Assigned Identification	O	AN 1/20
			Alphanumeric characters assigned for differentiation within a transaction set		

Segment: **N1 Name**

- Position:** 450
- Loop:** N1 Optional
- Level:** Detail
- Usage:** Optional
- Max Use:** 1
- Purpose:** To identify a party by type of organization, name, and code
- Syntax Notes:**
 - 1 At least one of N102 or N103 is required.
 - 2 If either N103 or N104 is present, then the other is required.

Semantic Notes:

- 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.

Notes: This segment is used to identify the party providing the inventory advice. It is recommended that trading partners codify all addresses within their system.

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	N101	98	Entity Identifier Code	M ID 2/3
			Code identifying an organizational entity, a physical location, property or an individual	
			28 Subcontractor	
			BY Buying Party (Purchaser)	
			CN Consignee	
			DB Distributor Branch	
			DS Distributor	
			EN End User	
			MA Party for whom Item is Ultimately Intended	
			MF Manufacturer of Goods	
			PG Prime Contractor	
			SN Store	
			SU Supplier/Manufacturer	
			WH Warehouse	
	N102	93	Name	X AN 1/60
			Free-form name	
Not Used	N103	66	Identification Code Qualifier	X ID 1/2
			Code designating the system/method of code structure used for Identification Code (67)	
			1 D-U-N-S Number, Dun & Bradstreet	
			Recommended by EIDX.	
			9 D-U-N-S+4, D-U-N-S Number with Four Character Suffix	
			Recommended by EIDX.	

		14	UCC/EAN Location Code Prefix The first part of a 13 digit UCC/EAN Location Code within the Uniform Code Council (UCC) and International Article Number Association (EAN) numbering system. A globally unique 3 to 10 digit code for the identification of a company		
		91	Assigned by Seller or Seller's Agent		
		92	Assigned by Buyer or Buyer's Agent		
	N104	67	Identification Code Code identifying a party or other code Required by EIDX.	X	AN 2/80
			The code identifies the location.		
Not Used	N105	706	Entity Relationship Code Code describing entity relationship Refer to 004010 Data Element Dictionary for acceptable code values.	O	ID 2/2
Not Used	N106	98	Entity Identifier Code Code identifying an organizational entity, a physical location, property or an individual Refer to 004010 Data Element Dictionary for acceptable code values.	O	ID 2/3

Segment: CTT Transaction Totals

Position: 010

Loop:

Level: Summary

Usage: Optional

Max Use: 1

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

Syntax Notes: 1 If either CTT03 or CTT04 is present, then the other is required.

2 If either CTT05 or CTT06 is present, then the other is required.

Semantic Notes:

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

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	CTT01	354	Number of Line Items	M N0 1/6
			Total number of line items in the transaction set	
			Total number of line segments within the transaction set.	
	CTT02	347	Hash Total	O R 1/10
			Sum of values of the specified data element. All values in the data element will be summed without regard to decimal points (explicit or implicit) or signs. Truncation will occur on the left most digits if the sum is greater than the maximum size of the hash total of the data element. Example: -.0018 First occurrence of value being hashed. .18 Second occurrence of value being hashed. 1.8 Third occurrence of value being hashed. 18.01 Fourth occurrence of value being hashed. ----- 1855 Hash total prior to truncation. 855 Hash total after truncation to three-digit field.	
			Required by EIDX.	
			Sum of quantities (QTY02) for each quantity segment. Truncation will occur on the high order digits, if necessary.	
			For example, if the hash total number is 1234567.8901 (11 characters) the value sent in CTT02 would be: "234567.8901".	
Not Used	CTT03	81	Weight	X R 1/10
			Numeric value of weight	
Not Used	CTT04	355	Unit or Basis for Measurement Code	X ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken Refer to 004010 Data Element Dictionary for acceptable code values.	
Not Used	CTT05	183	Volume	X R 1/8
			Value of volumetric measure	

Not Used	CTT06	355	Unit or Basis for Measurement Code	X ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken Refer to 004010 Data Element Dictionary for acceptable code values.	
Not Used	CTT07	352	Description	O AN 1/80
			A free-form description to clarify the related data elements and their content	

Segment: **SE** Transaction Set Trailer

Position: 020

Loop:

Level: Summary

Usage: Mandatory

Max Use: 1

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

Syntax Notes:

Semantic Notes:

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

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	SE01	96	Number of Included Segments	M N0 1/10
			Total number of segments included in a transaction set including ST and SE segments	
Must Use	SE02	329	Transaction Set Control Number	M AN 4/9
			Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	
			The control number is assigned by the sender. It should be sequentially assigned within each functional group to aid in error recovery and research. The control number in the SE segment (SE02) must be identical to the control number in the ST segment for each transaction.	

846 INVENTORY INQUIRY/ADVICE EXAMPLES

846 Example 1 - Distributor to Manufacturer Inventory Report

In this example a distributor is providing a manufacturer with the distributor's inventory level.

Example 1 Summary

HEADER SECTION	
ST*846*01943'	ST Transaction Set Header
BIA*00*DM*853264*930626'	BIA Beginning Segment for Inventory Inquiry/Advice
N1*DS**1*123456789'	N1 Name
DETAIL SECTION	
LIN**VP*IL49CS5'	LIN Item Identification
QTY*17*321428*EA'	QTY Quantity
SUMMARY SECTION	
CTT*1*321428'	CTT Transaction Totals
SE*7*01943'	SE Transaction Set Trailer

Example 1 Explanation

HEADER SECTION	
ST*846*01943'	ST Transaction Set Header
	ST01/143 Transaction Set Identifier Code [M/ID 3/3]: 846 Inventory Inquiry/Advice
	ST02/329 Transaction Set Control Number [M/AN 4/9]: 01943
BIA*00*DM*853264*930626'	BIA Beginning Segment for Inventory Inquiry/Advice
	BIA01/353 Transaction Set Purpose Code [M/ID 2/2]: 00 (Original)
	BIA02/755 Report Type Code [M/ID 2/2]: DM (Distributor/Manufacturer Inventory Report)
	BIA03/127 Reference Identification [M/AN 1/30]: 853264
	BIA04/373 Date [M/DT 8/8]: 930626 (June 26, 1993)
N1*DS**1*123456789'	N1 Name
	N101/98 Entity Identifier Code [M/ID 2/3]: DS (Distributor)
	N103/66 Identification Code Qualifier [X/ID 1/2]: 1 (-U-N-S Number, Dun & Bradstreet)
	N104/67 Identification Code [X/AN 1/20]: 123456789
DETAIL SECTION	
LIN**VP*IL49CS5'	LIN Item Identification
	LIN02/235 Product/Service ID Qualifier [X/ID 2/2]: VP (Vendor Part Number)
	LIN03/234 Product/Service ID [X/AN 1/48]: IL49CS5
QTY*17*321428*EA'	QTY Quantity
	QTY01/673 Quantity Qualifier [M/ID 2/2]: 17 (Quantity on Hand)
	QTY02/380 Quantity [X/R 1/15]: 321428
	QTY03/C001 Composite Unit of Measure [O] C00101/355 Unit or Basis for Measurement Code [M/ID 2/2]: EA (Each)
SUMMARY SECTION	
CTT*1*321428'	CTT Transaction Totals
	CTT01/354 Number of Line Items [M/NO 1/6]: 1 (Count of LIN segments in the transaction)
	CTT02/347 Hash Total [O/R 1/10]: 321428
SE*7*01943'	SE Transaction Set Trailer
	SE01/96 Number of Included Segments [M/NO 1/10]: 7 (count of segments in this transaction set including ST and SE)
	SE02/329 Transaction Set Control Number [M/AN 4/9]: 01943

846 Example 2 – Distributor to Manufacturer Report

In this example a manufacturer is providing a distributor with the manufacturer's inventory level and lead times where lead times vary with order quantity.

Example 2 Summary

HEADER SECTION	
ST*846*02335'	ST Transaction Set Header
BIA*00*MB*5633849*930614'	BIA Beginning Segment for Inventory Inquiry/Advice
N1*SU**1*123456789'	N1 Name
DETAIL SECTION	
LIN**VP*IL49CS5'	LIN Item Identification
QTY*17*14*EA'	QTY Quantity
QTY*30*100*EA'	QTY Quantity
LDT*AG*3*WK'	LDT Lead Time
QTY*30*1000*EA'	QTY Quantity
LDT*AG*4*WK'	LDT Lead Time
QTY*30*10000*EA'	QTY Quantity
LDT*AG*5*WK'	LDT Lead Time
SUMMARY SECTION	
CTT*1*11114'	CTT Transaction Totals
SE*13*02335'	SE Transaction Set Trailer

Example 2 Explanation

HEADER SECTION	
ST*846*02335'	ST Transaction Set Header
	ST01/143 Transaction Set Identifier Code [M/ID 3/3]: 846 Inventory Inquiry/Advice
	ST02/329 Transaction Set Control Number [M/AN 4/9]: 02335
BIA*00*MB*5633849*930614'	BIA Beginning Segment for Inventory Inquiry/Advice
	BIA01/353 Transaction Set Purpose Code [M/ID 2/2]: 00 (Original)
	BIA02/755 Report Type Code [M/ID 2/2]: MB (Manufacturer/Distributor Inventory Report)
	BIA03/127 Reference Identification [M/AN 1/30]: 5633849
	BIA04/373 Date [M/DT 8/8]: 930614 (June 14, 1993)
N1*SU**1*123456789'	N1 Name
	N101/98 Entity Identifier Code [M/ID 2/3]: SU (Supplier/Manufacturer)
	N103/66 Identification Code Qualifier [X/ID 1/2]: 1 (-U-N-S Number, Dun & Bradstreet)
	N104/67 Identification Code [X/AN 1/20]: 123456789
DETAIL SECTION	
LIN**VP*IL49CS5'	LIN Item Identification
	LIN02/235 Product/Service ID Qualifier [X/ID 2/2]: VP (Vendor Part Number)
	LIN03/234 Product/Service ID [X/AN 1/48]: IL49CS5
QTY*17*14*EA'	QTY Quantity
	QTY01/673 Quantity Qualifier [M/ID 2/2]: 17 (Quantity on Hand)
	QTY02/380 Quantity [X/R 1/15]: 14
	QTY03/C001 Composite Unit of Measure [O] C00101/355 Unit or Basis for Measurement Code [M/ID 2/2]: EA (Each)
QTY*30*100*EA'	QTY Quantity
	QTY01/673 Quantity Qualifier [M/ID 2/2]: 30 (Quote Quantity on Inventory)
	QTY02/380 Quantity [X/R 1/15]: 100
	QTY03/C001 Composite Unit of Measure [O] C00101/355 Unit or Basis for Measurement Code [M/ID 2/2]: EA (Each)
LDT*AG*3*WK'	LDT Lead Time
	LDT01/345 Lead Time Code [M/ID 2/2]: AG (From last booked order to delivery)
	LDT02/380 Quantity [M/R 1/15]: 3
	LDT03/344 Unit of Time Period or Interval [M/ID 2/2]: WK (Weeks)

QTY*30*1000*EA'	QTY Quantity
	QTY01/673 Quantity Qualifier [M/ID 2/2]: 30 (Quote Quantity on Inventory)
	QTY02/380 Quantity [X/R 1/15]: 1000
	QTY03/C001 Composite Unit of Measure [O]
	C00101/355 Unit or Basis for Measurement Code [M/ID 2/2]: EA (Each)
LDT*AG*4*WK'	LDT Lead Time
	LDT01/345 Lead Time Code [M/ID 2/2]: AG (From last booked order to delivery)
	LDT02/380 Quantity [M/R 1/15]: 4
	LDT03/344 Unit of Time Period or Interval [M/ID 2/2]: WK (Weeks)
QTY*30*10000*EA'	QTY Quantity
	QTY01/673 Quantity Qualifier [M/ID 2/2]: 30 (Quote Quantity on Inventory)
	QTY02/380 Quantity [X/R 1/15]: 10000
	QTY03/C001 Composite Unit of Measure [O]
	C00101/355 Unit or Basis for Measurement Code [M/ID 2/2]: EA (Each)
LDT*AG*5*WK'	LDT Lead Time
	LDT01/345 Lead Time Code [M/ID 2/2]: AG (From last booked order to delivery)
	LDT02/380 Quantity [M/R 1/15]: 5
	LDT03/344 Unit of Time Period or Interval [M/ID 2/2]: WK (Weeks)
SUMMARY SECTION	
CTT*1*11114'	CTT Transaction Totals
	CTT01/354 Number of Line Items [M/N0 1/6]: 1 (Count of LIN segments in the transaction)
	CTT02/347 Hash Total [O/R 1/10]: 11114
SE*13*02335'	SE Transaction Set Trailer
	SE01/96 Number of Included Segments [M/N0 1/10]: 13 (count of segments in this transaction set including ST and SE)
	SE02/329 Transaction Set Control Number [M/AN 4/9]: 02335