The Global Network for B2B Integration in High Tech Industries

Transaction Set

846

Inventory Inquiry/Advice

Functional Group ID = IB
X12 Version 004 Release 010

December 2002

Revision History

Date	Description
February 1998	Published
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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. EDIFICE BUSINESS MODELS

This is a simple recast/version upgrade of an existing EDIFICE 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. EDIFICE 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. EDIFICE 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 EDIFICE recommended usage and comment.

7. ATTRIBUTES

Each data element has three ANSI attributes: Element usage, element type and minimum/maximum length. EDIFICE 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, EDIFICE cannot change the mandatory status on that component. *DATA ELEMENT within a COMPOSITE:* 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	EDIFICE 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	EDIFICE members agree that the data concerned must be sent.
Blank	C or X (Conditional) or O (Optional)	No note	Indicates that EDIFICE makes no recommendation regarding usage. The trading partners must agree on usage.
Blank	C or X (Conditional) or O (Optional)	ADVISED	EDIFICE 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 EDIFICE are listed. Because this is a recast and EDIFICE is not adding codes to any code lists except codes identified in EDIFICE'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:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
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:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
			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

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

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

	Ref. Des.	Data Element	Name	Attributes
Must Use	BIA01	353	**Transaction Set Purpose Code** 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.	M ID 2/2
Must Use	BIA02	755	**Report Type Code** 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	M ID 2/2

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

	Ref. Des.	Data Element	Name	Attributes
Must Use	CUR01	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.	M ID 2/3
Must Use	CUR02	100	**Currency Code** Code (Standard ISO) for country in whose currency the charges are specified	M ID 3/3
Not Used	CUR03	280	**Exchange Rate** Value to be used as a multiplier conversion factor to convert monetary value from one currency to another	O R 4/10
Not Used	CUR04	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

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

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

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 EDIFICE.

Data Element Summary

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

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

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 EDIFICE.

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** 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	M ID 2/3
	N102	93	**Name** Free-form name	X AN 1/60
	N103	66	**Identification Code Qualifier** Code designating the system/method of code structure used for Identification Code (67) Required by EDIFICE. 1 D-U-N-S Number, Dun & Bradstreet Recommended by EDIFICE. 9 D-U-N-S+4, D-U-N-S Number with Four Character Suffix	X ID 1/2

				Recommended by EDIFICE.		
			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 EDIFICE. Number that identifies the location.		**X**	**AN 2/80**
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: 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

	Ref. Des.	Data Element	Name	Attributes
Not Used	LIN01	350	**Assigned Identification** Alphanumeric characters assigned for differentiation within a transaction set	O AN 1/20
Must Use	LIN02	235	**Product/Service ID Qualifier** Code identifying the type/source of the descriptive number used in Product/Service ID (234) Reference EDIFICE 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	M ID 2/2
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)	X	ID 2/2

See code list in first occurrence of DE 235 on this segment.

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 EDIFICE.

Data Element Summary

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

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

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 EDIFICE.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	QTY01	673	**Quantity Qualifier** 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	M ID 2/2
	QTY02	380	**Quantity** Numeric value of quantity	X R 1/15
	QTY03	C001	**Composite Unit of Measure** To identify a composite unit of measure (See Figures Appendix for examples of use)	O
Must Use	C00101	355	**Unit or Basis for Measurement Code** 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.	M ID 2/2
Not Used	C00102	1018	**Exponent** Power to which a unit is raised	O R 1/15
Not Used	C00103	649	**Multiplier** Value to be used as a multiplier to obtain a new value	O R 1/10
Not Used	C00104	355	**Unit or Basis for Measurement Code** 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.	O ID 2/2

Not Used	C00105	1018	**Exponent** Power to which a unit is raised	O	R 1/15
Not Used	C00106	649	**Multiplier** Value to be used as a multiplier to obtain a new value	O	R 1/10
Not Used	C00107	355	**Unit or Basis for Measurement Code** 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.	O	ID 2/2
Not Used	C00108	1018	**Exponent** Power to which a unit is raised	O	R 1/15
Not Used	C00109	649	**Multiplier** Value to be used as a multiplier to obtain a new value	O	R 1/10
Not Used	C00110	355	**Unit or Basis for Measurement Code** 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.	O	ID 2/2
Not Used	C00111	1018	**Exponent** Power to which a unit is raised	O	R 1/15
Not Used	C00112	649	**Multiplier** Value to be used as a multiplier to obtain a new value	O	R 1/10
Not Used	C00113	355	**Unit or Basis for Measurement Code** 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.	O	ID 2/2
Not Used	C00114	1018	**Exponent** Power to which a unit is raised	O	R 1/15
Not Used	C00115	649	**Multiplier** Value to be used as a multiplier to obtain a new value	O	R 1/10
Not Used	QTY04	61	**Free-Form Message** Free-form information	X	AN 1/30

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

	Ref. Des.	Data Element	Name	Attributes	
Must Use	UIT01	C001	**Composite Unit of Measure** To identify a composite unit of measure (See Figures Appendix for examples of use)	M	
Must Use	C00101	355	**Unit or Basis for Measurement Code** 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.	M	ID 2/2
Not Used	C00102	1018	**Exponent** Power to which a unit is raised	O	R 1/15
Not Used	C00103	649	**Multiplier** Value to be used as a multiplier to obtain a new value	O	R 1/10
Not Used	C00104	355	**Unit or Basis for Measurement Code** 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.	O	ID 2/2
Not Used	C00105	1018	**Exponent** Power to which a unit is raised	O	R 1/15
Not Used	C00106	649	**Multiplier** Value to be used as a multiplier to obtain a new value	O	R 1/10
Not Used	C00107	355	**Unit or Basis for Measurement Code** 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.	O	ID 2/2

Not Used	C00108	1018	**Exponent** Power to which a unit is raised	O	R 1/15
Not Used	C00109	649	**Multiplier** Value to be used as a multiplier to obtain a new value	O	R 1/10
Not Used	C00110	355	**Unit or Basis for Measurement Code** 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.	O	ID 2/2
Not Used	C00111	1018	**Exponent** Power to which a unit is raised	O	R 1/15
Not Used	C00112	649	**Multiplier** Value to be used as a multiplier to obtain a new value	O	R 1/10
Not Used	C00113	355	**Unit or Basis for Measurement Code** 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.	O	ID 2/2
Not Used	C00114	1018	**Exponent** Power to which a unit is raised	O	R 1/15
Not Used	C00115	649	**Multiplier** Value to be used as a multiplier to obtain a new value	O	R 1/10
	UIT02	212	**Unit Price** Price per unit of product, service, commodity, etc.	X	R 1/17
	UIT03	639	**Basis of Unit Price Code** Code identifying the type of unit price for an item CA Catalog DI Distributor QT Quoted	O	ID 2/2

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

	Ref. Des.	Data Element	Name	Attributes	
Must Use	LDT01	345	**Lead Time Code** 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	M	ID 2/2
Must Use	LDT02	380	**Quantity** Numeric value of quantity	M	R 1/15
Must Use	LDT03	344	**Unit of Time Period or Interval** Code indicating the time period or interval DA Calendar Days DW Work Days MO Month WK Weeks	M	ID 2/2
Not Used	LDT04	373	**Date** Date expressed as CCYYMMDD	O	DT 8/8

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

	Ref. Des.	Data Element	Name	Attributes
Must Use	SCH01	380	**Quantity** Numeric value of quantity	M R 1/15
Must Use	SCH02	355	**Unit or Basis for Measurement Code** 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.	M ID 2/2
Not Used	SCH03	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
Not Used	SCH04	93	**Name** Free-form name	X AN 1/60
Must Use	SCH05	374	**Date/Time Qualifier** Code specifying type of date or time, or both date and time 007 Effective	M ID 3/3
Must Use	SCH06	373	**Date** Date expressed as CCYYMMDD	M DT 8/8
	SCH07	337	**Time** 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)	O TM 4/8

Not Used	SCH08	374	**Date/Time Qualifier** Code specifying type of date or time, or both date and time Refer to 004010 Data Element Dictionary for acceptable code values.	X	ID 3/3
Not Used	SCH09	373	**Date** Date expressed as CCYYMMDD	X	DT 8/8
Not Used	SCH10	337	**Time** 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)	X	TM 4/8
Not Used	SCH11	326	**Request Reference Number** 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)	O	AN 1/45
Not Used	SCH12	350	**Assigned Identification** Alphanumeric characters assigned for differentiation within a transaction set	O	AN 1/20

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

	Ref. Des.	Data Element	Name	Attributes
Must Use	N101	98	**Entity Identifier Code** 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	M ID 2/3
	N102	93	**Name** Free-form name	X AN 1/60
Not Used	N103	66	**Identification Code Qualifier** Code designating the system/method of code structure used for Identification Code (67) 1 D-U-N-S Number, Dun & Bradstreet Recommended by EDIFICE. 9 D-U-N-S+4, D-U-N-S Number with Four Character Suffix Recommended by EDIFICE.	X ID 1/2

			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 EDIFICE. The code identifies the location.		**X**	**AN 2/80**
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

	Ref. Des.	Data Element	Name	Attributes
Must Use	CTT01	354	**Number of Line Items** Total number of line items in the transaction set Total number of line segments within the transaction set.	M N0 1/6
	CTT02	347	**Hash Total** 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 EDIFICE. 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".	O R 1/10
Not Used	CTT03	81	**Weight** Numeric value of weight	X R 1/10
Not Used	CTT04	355	**Unit or Basis for Measurement Code** 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.	X ID 2/2
Not Used	CTT05	183	**Volume**	X R 1/8

			Value of volumetric measure		
Not Used	CTT06	355	**Unit or Basis for Measurement Code** 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.	X	ID 2/2
Not Used	CTT07	352	**Description** A free-form description to clarify the related data elements and their content	O	AN 1/80

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

	Ref. Des.	Data Element	Name	Attributes
Must Use	SE01	96	**Number of Included Segments** Total number of segments included in a transaction set including ST and SE segments	M N0 1/10
Must Use	SE02	329	**Transaction Set Control Number** 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.	M AN 4/9

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/N0 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/N0 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