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# **846 Inventory Inquiry/Advice**

X12/V4010/846 : 846 Inventory Inquiry/Advice

**Status: Final**

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**Notes:**

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# 846 Inventory Inquiry/Advice

## Functional Group=IB

**Purpose:** 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.

### Heading:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
010	ST	Transaction Set Header	M	1			Must use
020	BIA	Beginning Segment for Inventory Inquiry/Advice	M	1			Must use
060	REF	Reference Identification	O	12			Must use
<b>LOOP ID - N1</b>					<b>5</b>		
080	N1	Name	O	1			Used

### Detail:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
<b>LOOP ID - LIN</b>					<b>10000</b>		
010	LIN	Item Identification	M	1			Must use
030	PID	Product/Item Description	O	200			Used
100	DTM	Date/Time Reference	O	10			Must use
220	SDQ	Destination Quantity	M	500			Must use

### Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
010	CTT	Transaction Totals	O	1		N3/010	Used
020	SE	Transaction Set Trailer	M	1			Must use

# ST Transaction Set Header

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

**User Option (Usage):** Must use

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

## Element Summary:

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

# BIA Beginning Segment for Inventory Inquiry/Advice

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

**User Option (Usage):** Must use

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

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
BIA01	353	Transaction Set Purpose Code	M	ID	2/2	Must use

**Description:** Code identifying purpose of transaction set

**User Note 1:** 00 - Original should be used when sending a full file (first file of the day).

04 - Change should be used for sending delta files only.

**Code Name**

00 Original  
04 Change

BIA02	755	Report Type Code	M	ID	2/2	Must use
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**Description:** Code indicating the title or contents of a document, report or supporting item

**Code Name**

DD Distributor Inventory Report

BIA03	127	Reference Identification	M	AN	1/30	Must use
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**Description:** Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

BIA04	373	Date	M	DT	8/8	Must use
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**Description:** Date expressed as CCYYMMDD

# REF Reference Identification

Pos: 060	Max: 12
Heading - Optional	
Loop: N/A	Elements: 2

**User Option (Usage):** Must use

**Purpose:** To specify identifying information

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
REF01	128	Reference Identification Qualifier	M	ID	2/3	Must use

**Description:** Code qualifying the Reference Identification

**Code Name**

IA Internal Vendor Number

REF02	127	Reference Identification	X	AN	1/30	Must use
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**Description:** Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

**User Note 1:** CDW will provide vendor number to be included on this feed

# N1 Name

Pos: 080	Max: 1
Heading - Optional	
Loop: N1	Elements: 2

**User Option (Usage):** Used

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

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
N101	98	Entity Identifier Code	M	ID	2/3	Must use

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

**Code Name**

VN Vendor

N102	93	Name	X	AN	1/60	Used
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**Description:** Free-form name

# LIN Item Identification

Pos: 010	Max: 1
Detail - Mandatory	
Loop: LIN	Elements: 9

**User Option (Usage):** Must use

**Purpose:** To specify basic item identification data

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
LIN01	350	Assigned Identification	O	AN	1/20	Used
		<b>Description:</b> Alphanumeric characters assigned for differentiation within a transaction set				
LIN02	235	Product/Service ID Qualifier	M	ID	2/2	Must use
		<b>Description:</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234)				
		<b>User Note 1:</b> For manufacturer provided catalog, vendor part number should equal manufacturer part number if one does not exist				
		<b>Code Name</b>				
		VP Vendor's (Seller's) Part Number				
LIN03	234	Product/Service ID	M	AN	1/48	Must use
		<b>Description:</b> Identifying number for a product or service				
LIN04	235	Product/Service ID Qualifier	X	ID	2/2	Must use
		<b>Description:</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234)				
		<b>Code Name</b>				
		MG Manufacturer's Part Number				
LIN05	234	Product/Service ID	X	AN	1/48	Must use
		<b>Description:</b> Identifying number for a product or service				
LIN06	235	Product/Service ID Qualifier	X	ID	2/2	Used
		<b>Description:</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234)				
		<b>Code Name</b>				
		UP U.P.C. Consumer Package Code (1-5-5-1)				
LIN07	234	Product/Service ID	X	AN	1/48	Used
		<b>Description:</b> Identifying number for a product or service				
LIN08	235	Product/Service ID Qualifier	X	ID	2/2	Used
		<b>Description:</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234)				
		<b>Code Name</b>				
		MF Manufacturer				
LIN09	234	Product/Service ID	X	AN	1/48	Used



<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
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**Description:** Identifying number for a product or service

# PID Product/Item Description

Pos: 030	Max: 200
Detail - Optional	
Loop: LIN	Elements: 2

**User Option (Usage):** Used

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

## Element Summary:

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

**Description:** Code indicating the format of a description

**Code Name**

F Free-form

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

## USAGE:

*Use multiple PID segments to accomodate longer product descriptions.*

# DTM Date/Time Reference

Pos: 100	Max: 10
Detail - Optional	
Loop: LIN	Elements: 2

**User Option (Usage):** Must use

**Purpose:** To specify pertinent dates and times

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
DTM01	374	Date/Time Qualifier	M	ID	3/3	Must use

**Description:** Code specifying type of date or time, or both date and time

**User Note 1:** *Effective Date - Send when providing a full catalog*

*Replacement Effective Date - Send when providing a delta catalog*

**Code Name**

- 001 Cancel After
- 007 Effective
- 128 Replacement Effective

DTM02	373	Date	X	DT	8/8	Used
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**Description:** Date expressed as CCYYMMDD

# SDQ Destination Quantity

Pos: 220	Max: 500
Detail - Mandatory	
Loop: LIN	Elements: 23

**User Option (Usage):** Must use

**Purpose:** To specify destination and quantity detail

## Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SDQ01	355	Unit or Basis for Measurement Code	M	ID	2/2	Must use

**Description:** Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

**Code Name**

EA Each

SDQ02	66	Identification Code Qualifier	O	ID	1/2	Used
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**Description:** Code designating the system/method of code structure used for Identification Code (67)

**Code Name**

54 Warehouse

SDQ03	67	Identification Code	M	AN	2/80	Must use
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**Description:** Code identifying a party or other code

**User Note 1:** Distributor location code where inventory is held

**User Note 2:** Please work with CDW implementer to get distributor's inventory location code set up in CDW's system

SDQ04	380	Quantity	M	R	1/15	Must use
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**Description:** Numeric value of quantity

SDQ05	67	Identification Code	X	AN	2/80	Used
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**Description:** Code identifying a party or other code

**User Note 1:** Distributor location code where inventory is held

**User Note 2:** Please work with CDW implementer to get distributor's inventory location code set up in CDW's system

SDQ06	380	Quantity	X	R	1/15	Used
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**Description:** Numeric value of quantity

SDQ07	67	Identification Code	X	AN	2/80	Used
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**Description:** Code identifying a party or other code

**User Note 1:** Distributor location code where inventory is held

**User Note 2:** Please work with CDW implementer to get distributor's inventory location code set up in CDW's system

SDQ08	380	Quantity	X	R	1/15	Used
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**Description:** Numeric value of quantity

SDQ09	67	Identification Code	X	AN	2/80	Used
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<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
		<b>Description:</b> Code identifying a party or other code				
		<b>User Note 1:</b> <i>Distributor location code where inventory is held</i>				
		<b>User Note 2:</b> <i>Please work with CDW implementer to get distributor's inventory location code set up in CDW's system</i>				
SDQ10	380	<b>Quantity</b>	X	R	1/15	Used
		<b>Description:</b> Numeric value of quantity				
SDQ11	67	<b>Identification Code</b>	X	AN	2/80	Used
		<b>Description:</b> Code identifying a party or other code				
		<b>User Note 1:</b> <i>Distributor location code where inventory is held</i>				
		<b>User Note 2:</b> <i>Please work with CDW implementer to get distributor's inventory location code set up in CDW's system</i>				
SDQ12	380	<b>Quantity</b>	X	R	1/15	Used
		<b>Description:</b> Numeric value of quantity				
SDQ13	67	<b>Identification Code</b>	X	AN	2/80	Used
		<b>Description:</b> Code identifying a party or other code				
		<b>User Note 1:</b> <i>Distributor location code where inventory is held</i>				
		<b>User Note 2:</b> <i>Please work with CDW implementer to get distributor's inventory location code set up in CDW's system</i>				
SDQ14	380	<b>Quantity</b>	X	R	1/15	Used
		<b>Description:</b> Numeric value of quantity				
SDQ15	67	<b>Identification Code</b>	X	AN	2/80	Used
		<b>Description:</b> Code identifying a party or other code				
		<b>User Note 1:</b> <i>Distributor location code where inventory is held</i>				
		<b>User Note 2:</b> <i>Please work with CDW implementer to get distributor's inventory location code set up in CDW's system</i>				
SDQ16	380	<b>Quantity</b>	X	R	1/15	Used
		<b>Description:</b> Numeric value of quantity				
SDQ17	67	<b>Identification Code</b>	X	AN	2/80	Used
		<b>Description:</b> Code identifying a party or other code				
		<b>User Note 1:</b> <i>Distributor location code where inventory is held</i>				
		<b>User Note 2:</b> <i>Please work with CDW implementer to get distributor's inventory location code set up in CDW's system</i>				
SDQ18	380	<b>Quantity</b>	X	R	1/15	Used
		<b>Description:</b> Numeric value of quantity				
SDQ19	67	<b>Identification Code</b>	X	AN	2/80	Used
		<b>Description:</b> Code identifying a party or other code				
		<b>User Note 1:</b> <i>Distributor location code where inventory is held</i>				
		<b>User Note 2:</b> <i>Please work with CDW implementer to get distributor's inventory location code set up in CDW's system</i>				

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
SDQ20	380	<b>Quantity</b>	X	R	1/15	Used
		<b>Description:</b> Numeric value of quantity				
SDQ21	67	<b>Identification Code</b>	X	AN	2/80	Used
		<b>Description:</b> Code identifying a party or other code				
		<b>User Note 1:</b> <i>Distributor location code where inventory is held</i>				
		<b>User Note 2:</b> <i>Please work with CDW implementer to get distributor's inventory location code set up in CDW's system</i>				
SDQ22	380	<b>Quantity</b>	X	R	1/15	Used
		<b>Description:</b> Numeric value of quantity				
SDQ23	310	<b>Location Identifier</b>	O	AN	1/30	Used
		<b>Description:</b> Code which identifies a specific location				

# CTT Transaction Totals

Pos: 010	Max: 1
Summary - Optional	
Loop: N/A	Elements: 1

**User Option (Usage):** Used

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

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
CTT01	354	Number of Line Items	M	NO	1/6	Must use

**Description:** Total number of line items in the transaction set

# SE Transaction Set Trailer

Pos: 020	Max: 1
Summary - Mandatory	
Loop: N/A	Elements: 2

**User Option (Usage):** Must use

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

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
SE01	96	<b>Number of Included Segments</b>	M	N0	1/10	Must use
		<b>Description:</b> Total number of segments included in a transaction set including ST and SE segments				
SE02	329	<b>Transaction Set Control Number</b>	M	AN	4/9	Must use
		<b>Description:</b> Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set				