

Indigo Books & Music Inc. - General Merchandise

X12/V4010/846 : 846 Inventory Inquiry/Advice

Version: 2 Final

Author:	InterTrade
Company:	Indigo Books & Music Inc.
Publication:	2020-11-18
Modified:	2023-07-21

Table of Contents

846	Inventory Inquiry/Advice	1
ISA	Interchange Control Header	3
GS	Functional Group Header	5
ST	Transaction Set Header	7
BIA	Beginning Segment for Inventory Inquiry/Advice	8
REF	Reference Identification	9
N1	Loop Name	10
N1	Name	11
N3	Address Information	12
N4	Geographic Location	13
LIN	Loop Item Identification	14
LIN	Item Identification	15
PID	Product/Item Description	18
QTY	Loop Quantity	19
QTY	Quantity	20
DTM	Date/Time Reference	21
CTT	Transaction Totals	22
SE	Transaction Set Trailer	23
GE	Functional Group Trailer	24
IEA	Interchange Control Trailer	25

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.

Not Defined:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
	ISA	Interchange Control Header	M	1			Must use
	GS	Functional Group Header	M	1			Must use

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	M	12			Must use
LOOP ID - N1					5		
080	N1	Name	M	1			Must use
100	N3	Address Information	O	2			Used
110	N4	Geographic Location	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>
LOOP ID - LIN					10000		
010	LIN	Item Identification	M	1			Must use
030	PID	Product/Item Description	M	200			Must use
LOOP ID - QTY					99		
320	QTY	Quantity	M	1			Must use
355	DTM	Date/Time Reference	M	10			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	M	1		N3/010	Must use
020	SE	Transaction Set Trailer	M	1			Must use

Not Defined:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
	GE	Functional Group Trailer	M	1			Must use
	IEA	Interchange Control Trailer	M	1			Must use

Notes:

3/010 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.

User Note 1:**Change History:****November 2020:**

Changed usage of N4_01,02,03 and 04 from Optional/Used to Mandatory/Must Use

July 2023:

Added Notes for GS_06 and GE_02. Indigo requires a Min / Max of 4/9

ISA Interchange Control Header

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 16

User Option (Usage): Must use

Purpose: To start and identify an interchange of zero or more functional groups and interchange-related control segments

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
ISA01	I01	Authorization Information Qualifier	M	ID	2/2	Must use
Description: Code to identify the type of information in the Authorization Information All valid standard codes are used. (Total Codes: 7)						
ISA02	I02	Authorization Information	M	AN	10/10	Must use
Description: Information used for additional identification or authorization of the interchange sender or the data in the interchange; the type of information is set by the Authorization Information Qualifier (I01)						
ISA03	I03	Security Information Qualifier	M	ID	2/2	Must use
Description: Code to identify the type of information in the Security Information All valid standard codes are used. (Total Codes: 2)						
ISA04	I04	Security Information	M	AN	10/10	Must use
Description: This is used for identifying the security information about the interchange sender or the data in the interchange; the type of information is set by the Security Information Qualifier (I03)						
ISA05	I05	Interchange ID Qualifier	M	ID	2/2	Must use
Description: Qualifier to designate the system/method of code structure used to designate the sender or receiver ID element being qualified All valid standard codes are used. (Total Codes: 38)						
ISA06	I06	Interchange Sender ID	M	AN	15/15	Must use
Description: Identification code published by the sender for other parties to use as the receiver ID to route data to them; the sender always codes this value in the sender ID element						
ISA07	I05	Interchange ID Qualifier	M	ID	2/2	Must use
Description: Qualifier to designate the system/method of code structure used to designate the sender or receiver ID element being qualified CodeList Summary (Total Codes: 38, Included: 1) Code Name ZZ Mutually Defined						
ISA08	I07	Interchange Receiver ID	M	AN	15/15	Must use
Description: Identification code published by the receiver of the data; When sending, it is used by the sender as their sending ID, thus other parties sending to them will use this as a receiving ID to route data to them User Note 1: <i>INDIGOGM</i>						

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
ISA09	I08	Interchange Date	M	DT	6/6	Must use
		Description: Date of the interchange				
ISA10	I09	Interchange Time	M	TM	4/4	Must use
		Description: Time of the interchange				
ISA11	I10	Interchange Control Standards Identifier	M	ID	1/1	Must use
		Description: Code to identify the agency responsible for the control standard used by the message that is enclosed by the interchange header and trailer				
		All valid standard codes are used. (Total Codes: 1)				
ISA12	I11	Interchange Control Version Number	M	ID	5/5	Must use
		Description: Code specifying the version number of the interchange control segments				
		CodeList Summary (Total Codes: 14, Included: 4)				
		Code	Name			
		00307	Draft Standards for Trial Use Approved for Publication by ASC X12 Procedures Review Board through October 1996			
		00400	Standard Issued as ANSI X12.5-1997			
		00401	Draft Standards for Trial Use Approved for Publication by ASC X12 Procedures Review Board through October 1997			
		00402	Draft Standards for Trial Use Approved for Publication by ASC X12 Procedures Review Board through October 1998			
ISA13	I12	Interchange Control Number	M	N0	9/9	Must use
		Description: A control number assigned by the interchange sender				
ISA14	I13	Acknowledgment Requested	M	ID	1/1	Must use
		Description: Code sent by the sender to request an interchange acknowledgment (TA1)				
		All valid standard codes are used. (Total Codes: 2)				
ISA15	I14	Usage Indicator	M	ID	1/1	Must use
		Description: Code to indicate whether data enclosed by this interchange envelope is test, production or information				
		All valid standard codes are used. (Total Codes: 3)				
ISA16	I15	Component Element Separator	M		1/1	Must use
		Description: Type is not applicable; the component element separator is a delimiter and not a data element; this field provides the delimiter used to separate component data elements within a composite data structure; this value must be different than the data element separator and the segment terminator				

GS Functional Group Header

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 8

User Option (Usage): Must use

Purpose: To indicate the beginning of a functional group and to provide control information

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
GS01	479	Functional Identifier Code	M	ID	2/2	Must use
Description: Code identifying a group of application related transaction sets						
CodeList Summary (Total Codes: 240, Included: 1)						
Code Name						
IB Inventory Inquiry/Advice (846)						
GS02	142	Application Sender's Code	M	AN	2/15	Must use
Description: Code identifying party sending transmission; codes agreed to by trading partners						
GS03	124	Application Receiver's Code	M	AN	2/15	Must use
Description: Code identifying party receiving transmission; codes agreed to by trading partners						
User Note 1: INDIGOGM						
GS04	373	Date	M	DT	8/8	Must use
Description: Date expressed as CCYYMMDD						
GS05	337	Time	M	TM	4/8	Must use
Description: Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)						
GS06	28	Group Control Number	M	N0	1/9	Must use
Description: Assigned number originated and maintained by the sender						
User Note 1:						
<i>Indigo requires a Min / Max of 4/9</i>						
GS07	455	Responsible Agency Code	M	ID	1/2	Must use
Description: Code identifying the issuer of the standard; this code is used in conjunction with Data Element 480						
All valid standard codes are used. (Total Codes: 2)						
GS08	480	Version / Release / Industry Identifier Code	M	AN	1/12	Must use
Description: Code indicating the version, release, subrelease, and industry identifier of the EDI standard being used, including the GS and GE segments; if code in DE455 in GS segment is X, then in DE 480 positions 1-3 are the version number; positions 4-6 are the release and subrelease, level of the version; and positions 7-12 are the industry or trade association identifiers (optionally assigned by user); if code in DE455 in GS segment is T, then other formats are allowed						

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
------------	-----------	---------------------	------------	-------------	----------------	--------------

CodeList Summary (Total Codes: 39, Included: 1)

<u>Code</u>	<u>Name</u>
-------------	-------------

004010	Draft Standards Approved for Publication by ASC X12 Procedures Review Board through October 1997
--------	--

Semantics:

1. GS04 is the group date.
2. GS05 is the group time.
3. The data interchange control number GS06 in this header must be identical to the same data element in the associated functional group trailer, GE02.

Comments:

1. A functional group of related transaction sets, within the scope of X12 standards, consists of a collection of similar transaction sets enclosed by a functional group header and a functional group trailer.

ST Transaction Set Header

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

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	Transaction Set Identifier Code	M	ID	3/3	Must use

Description: Code uniquely identifying a Transaction Set

CodeList Summary (Total Codes: 298, Included: 1)

Code Name

846 Inventory Inquiry/Advice

ST02	329	Transaction Set Control Number	M	AN	4/9	Must use
------	-----	--------------------------------	---	----	-----	----------

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

Semantics:

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

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:

01- Cancellation added for future use

CodeList Summary (Total Codes: 65, Included: 2)

Code Name

00 Original
01 Cancellation

BIA02	755	Report Type Code	M	ID	2/2	Must use
-------	-----	------------------	---	----	-----	----------

Description: Code indicating the title or contents of a document, report or supporting item

CodeList Summary (Total Codes: 522, Included: 1)

Code Name

MB Manufacturer/Distributor Inventory Report

BIA03	127	Reference Identification	M	AN	1/30	Must use
-------	-----	--------------------------	---	----	------	----------

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
-------	-----	------	---	----	-----	----------

Description: Date expressed as CCYYMMDD

Semantics:

1. BIA03 identifies the number of the inquiry/advice that is transferred.
2. BIA04 identifies the date of the inquiry/advice that is transferred.

REF Reference Identification

Pos: 060	Max: 12
Heading - Mandatory	
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

User Note 1:

Indigo Books assigned vendor number. This is a 6 digit number starting with 7. Ex. 7XXXXXX

CodeList Summary (Total Codes: 1503, Included: 1)

Code Name

IA Internal Vendor Number

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

Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

Syntax Rules:

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

Semantics:

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

Loop Name

Pos: 080	Repeat: 5
Mandatory	
Loop: N1	Elements: N/A

User Option (Usage): Must use

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

Loop Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Usage</u>
080	N1	Name	M	1		Must use
100	N3	Address Information	O	2		Used
110	N4	Geographic Location	O	1		Used

N1 Name

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

User Option (Usage): Must use

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

CodeList Summary (Total Codes: 1312, Included: 1)

Code Name

RL Reporting Location

N102	93	Name	M	AN	1/60	Must use
------	----	-------------	---	----	------	----------

Description: Free-form name

N103	66	Identification Code Qualifier	M	ID	1/2	Must use
------	----	--------------------------------------	---	----	-----	----------

Description: Code designating the system/method of code structure used for Identification Code (67)

User Note 1:

When 92- Assigned by Buyer or Buyer's Agent this is a 9XXXXXXXX (8 Digits)

CodeList Summary (Total Codes: 215, Included: 3)

Code Name

15 Standard Address Number (SAN)

91 Assigned by Seller or Seller's Agent

92 Assigned by Buyer or Buyer's Agent

N104	67	Identification Code	M	AN	2/80	Must use
------	----	----------------------------	---	----	------	----------

Description: Code identifying a party or other code

User Note 1:

Unique Warehouse Identifier (UWI) - if a SAN # is not applicable then another location number can be sent in this element while using the N103 qualifier '91'.

Syntax Rules:

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

Comments:

1. This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.

N3 Address Information

Pos: 100	Max: 2
Heading - Optional	
Loop: N1	Elements: 2

User Option (Usage): Used

Purpose: To specify the location of the named party

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
N301	166	Address Information	M	AN	1/55	Must use
		Description: Address information				
N302	166	Address Information	O	AN	1/55	Used
		Description: Address information				

N4 Geographic Location

Pos: 110	Max: 1
Heading - Optional	
Loop: N1	Elements: 4

User Option (Usage): Used

Purpose: To specify the geographic place of the named party

Element Summary:

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

Comments:

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

Loop Item Identification

Pos: 010 Repeat: 10000
 Mandatory
 Loop: LIN Elements: N/A

User Option (Usage): Must use

Purpose: To specify basic item identification data

Loop Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Usage</u>
010	LIN	Item Identification	M	1		Must use
030	PID	Product/Item Description	M	200		Must use
320		Loop QTY	M		99	Must use

LIN Item Identification

Pos: 010	Max: 1
Detail - Mandatory	
Loop: LIN	Elements: 11

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
Description: Alphanumeric characters assigned for differentiation within a transaction set						
LIN02	235	Product/Service ID Qualifier	M	ID	2/2	Must use
Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)						
User Note 1: <i>UK U.P.C./EAN Shipping Container Code (1-2-5-5-1) Added for future use.</i>						
CodeList Summary (Total Codes: 477, Included: 4)						
Code Name						
EN European Article Number (EAN) (2-5-5-1)						
IB International Standard Book Number (ISBN)						
UK U.P.C./EAN Shipping Container Code (1-2-5-5-1)						
UP U.P.C. Consumer Package Code (1-5-5-1)						
LIN03	234	Product/Service ID	M	AN	1/48	Must use
Description: Identifying number for a product or service						
LIN04	235	Product/Service ID Qualifier	X	ID	2/2	Used
Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)						
User Note 1: <i>UK U.P.C./EAN Shipping Container Code (1-2-5-5-1) Added for future use.</i>						
CodeList Summary (Total Codes: 477, Included: 5)						
Code Name						
EN European Article Number (EAN) (2-5-5-1)						
IB International Standard Book Number (ISBN)						
UK U.P.C./EAN Shipping Container Code (1-2-5-5-1)						
UP U.P.C. Consumer Package Code (1-5-5-1)						
VN Vendor's (Seller's) Item Number						
LIN05	234	Product/Service ID	X	AN	1/48	Used
Description: Identifying number for a product or service						
LIN06	235	Product/Service ID Qualifier	X	ID	2/2	Used
Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)						
User Note 1: <i>UK U.P.C./EAN Shipping Container Code (1-2-5-5-1) Added for future use.</i>						

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
		CodeList Summary (Total Codes: 477, Included: 5)				
		Code Name				
		EN				European Article Number (EAN) (2-5-5-1)
		IB				International Standard Book Number (ISBN)
		UK				U.P.C./EAN Shipping Container Code (1-2-5-5-1)
		UP				U.P.C. Consumer Package Code (1-5-5-1)
		VN				Vendor's (Seller's) Item Number
LIN07	234	Product/Service ID	X	AN	1/48	Used
		Description: Identifying number for a product or service				
LIN08	235	Product/Service ID Qualifier	X	ID	2/2	Used
		Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)				
		User Note 1: <i>UK U.P.C./EAN Shipping Container Code (1-2-5-5-1) Added for future use.</i>				
		CodeList Summary (Total Codes: 477, Included: 5)				
		Code Name				
		EN				European Article Number (EAN) (2-5-5-1)
		IB				International Standard Book Number (ISBN)
		UK				U.P.C./EAN Shipping Container Code (1-2-5-5-1)
		UP				U.P.C. Consumer Package Code (1-5-5-1)
		VN				Vendor's (Seller's) Item Number
LIN09	234	Product/Service ID	X	AN	1/48	Used
		Description: Identifying number for a product or service				
LIN10	235	Product/Service ID Qualifier	X	ID	2/2	Used
		Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)				
		User Note 1: <i>UK U.P.C./EAN Shipping Container Code (1-2-5-5-1) Added for future use.</i>				
		CodeList Summary (Total Codes: 477, Included: 5)				
		Code Name				
		EN				European Article Number (EAN) (2-5-5-1)
		IB				International Standard Book Number (ISBN)
		UK				U.P.C./EAN Shipping Container Code (1-2-5-5-1)
		UP				U.P.C. Consumer Package Code (1-5-5-1)
		VN				Vendor's (Seller's) Item Number
LIN11	234	Product/Service ID	X	AN	1/48	Used
		Description: Identifying number for a product or service				

Syntax Rules:

1. P0405 - If either LIN04 or LIN05 is present, then the other is required.
2. P0607 - If either LIN06 or LIN07 is present, then the other is required.
3. P0809 - If either LIN08 or LIN09 is present, then the other is required.

4. P1011 - If either LIN10 or LIN11 is present, then the other is required.

Semantics:

1. LIN01 is the line item identification

Comments:

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

PID Product/Item Description

Pos: 030	Max: 200
Detail - Mandatory	
Loop: LIN	Elements: 3

User Option (Usage): Must use

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

CodeList Summary (Total Codes: 3, Included: 1)

Code Name

F Free-form

PID02	750	Product/Process Characteristic Code	M	ID	2/3	Must use
-------	-----	-------------------------------------	---	----	-----	----------

Description: Code identifying the general class of a product or process characteristic

CodeList Summary (Total Codes: 217, Included: 1)

Code Name

08 Product

PID05	352	Description	M	AN	1/80	Must use
-------	-----	-------------	---	----	------	----------

Description: A free-form description to clarify the related data elements and their content

Syntax Rules:

1. R0405 - At least one of PID04 or PID05 is required.

Comments:

1. If PID01 equals "F", then PID05 is used. If PID01 equals "S", then PID04 is used. If PID01 equals "X", then both PID04 and PID05 are used.

Loop Quantity

Pos: 320	Repeat: 99
Mandatory	
Loop: QTY	Elements: N/A

User Option (Usage): Must use

Purpose: To specify quantity information

Loop Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Usage</u>
320	QTY	Quantity	M	1		Must use
355	DTM	Date/Time Reference	M	10		Must use

QTY Quantity

Pos: 320	Max: 1
Detail - Mandatory	
Loop: QTY	Elements: 3

User Option (Usage): Must use
Purpose: To specify quantity information

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
QTY01	673	Quantity Qualifier	M	ID	2/2	Must use

Description: Code specifying the type of quantity

User Note 1:

Quantity Available for Sale (QTY01=33) is Mandatory.

CodeList Summary (Total Codes: 832, Included: 2)

Code Name

- 33 Quantity Available for Sale (stock quantity)
- 63 On Order Quantity

QTY02	380	Quantity	M	R	1/15	Must use
-------	-----	----------	---	---	------	----------

Description: Numeric value of quantity

QTY03	C001	Composite Unit of Measure	M	Comp		Must use
-------	------	---------------------------	---	------	--	----------

Description: To identify a composite unit of measure(See Figures Appendix for examples of use)

QTY03-01	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

CodeList Summary (Total Codes: 794, Included: 1)

Code Name

- EA Each

Syntax Rules:

1. R0204 - At least one of QTY02 or QTY04 is required.
2. E0204 - Only one of QTY02 or QTY04 may be present.

DTM Date/Time Reference

Pos: 355	Max: 10
Detail - Mandatory	
Loop: QTY	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

CodeList Summary (Total Codes: 1112, Included: 1)

<u>Code</u>	<u>Name</u>
018	Available

DTM02	373	Date	M	DT	8/8	Must use
-------	-----	------	---	----	-----	----------

Description: Date expressed as CCYYMMDD

Syntax Rules:

1. R020305 - At least one of DTM02, DTM03 or DTM05 is required.

CTT Transaction Totals

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

User Option (Usage): Must use

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	N0	1/6	Must use

Description: Total number of line items in the transaction set

Comments:

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

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	Number of Included Segments	M	N0	1/10	Must use
		Description: Total number of segments included in a transaction set including ST and SE segments				
SE02	329	Transaction Set Control Number	M	AN	4/9	Must use
		Description: Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set				

Comments:

- SE is the last segment of each transaction set.

GE Functional Group Trailer

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

Purpose: To indicate the end of a functional group and to provide control information

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
GE01	97	Number of Transaction Sets Included	M	N0	1/6	Must use
		Description: Total number of transaction sets included in the functional group or interchange (transmission) group terminated by the trailer containing this data element				
GE02	28	Group Control Number	M	N0	1/9	Must use
		Description: Assigned number originated and maintained by the sender				
		User Note 1: <i>Indigo requires a Min / Max of 4/9</i>				

Semantics:

1. The data interchange control number GE02 in this trailer must be identical to the same data element in the associated functional group header, GS06.

Comments:

1. The use of identical data interchange control numbers in the associated functional group header and trailer is designed to maximize functional group integrity. The control number is the same as that used in the corresponding header.

IEA Interchange Control Trailer

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

Purpose: To define the end of an interchange of zero or more functional groups and interchange-related control segments

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
IEA01	I16	Number of Included Functional Groups	M	N0	1/5	Must use
		Description: A count of the number of functional groups included in an interchange				
IEA02	I12	Interchange Control Number	M	N0	9/9	Must use
		Description: A control number assigned by the interchange sender				