

**++852 Product Activity Data Transaction Set++
 (Version 004010 X12) Segment Specifications
 Outbound for Scan Based Trading (SBT)**

HEADER CONTROL SEGMENTS

ISA - TRANSMISSION CONTROL HEADER: MANDATORY

<i>Element Number</i>	<i>Description</i>	<i>Value</i>	<i>Requirement/Min/Max Length</i>
ISA01	Authorization Information Qualifier	'00'	M 2/2
ISA02	Authorization Information	Blank	M 10/10
ISA03	Security Information Qualifier	'00'	M 2/2
ISA04	Security Information	Blank	M 10/10
ISA05	Interchange ID Qualifier	'08'	M 2/2
ISA06	Interchange Sender ID	Prod: '9258390000' Test: '925839TEST'	M 15/15
ISA07	Interchange ID Qualifier	Vendor's Interchange ID Qualifier	M 2/3
ISA08	Interchange Receiver ID	Vendor's Interchange ID	M 15/15
ISA09	Interchange Date	Date Interchange was generated	M 6/6
ISA10	Interchange Time	Time Interchange was generated	M 4/4
ISA11	Interchange Control Standards Identifier	'U' (ASC X12, TDCC, UCS)	M 1/1
ISA12	Interchange Control Version Number	'00401'	M 5/5
ISA13	Interchange Control Number	Envelope Reference Number	M 9/9
ISA14	Acknowledge Requested	'0' (Not Requested)	M 1/1
ISA15	Test Indicator	'P' (Production) or 'T' (Test)	M 1/1
ISA16	Sub-element Separator	'>' ('Greater Than' Sign)	M 1/1

PD - FUNCTIONAL GROUP HEADER: MANDATORY

<i>Element Number</i>	<i>Description</i>	<i>Value</i>	<i>Requirement/Min/Max Length</i>
GS01	Functional ID Code	'PD'	M 2/2
GS02	Application Sender's Code	Prod: '2015739700' Test: '925839TEST'	M 2/15
GS03	Application Receiver's Code	Vendor's Receiver Code	M 2/15
GS04	Date	Date Group was generated	M 8/8
GS05	Time	Time Group was generated	M 4/8
GS06	Group Control Number	Group Reference Number	M 1/9
GS07	Responsible Agency Code	'X' (ASC X12)	M 1/2
GS08	Version/Release ID Code	'004010'	M 1/12

HEADER CONTROL SEGMENTS (Cont.)

ST - TRANSACTION SET HEADER:

MANDATORY

<i>Element Number</i>	<i>Description</i>	<i>Value</i>	<i>Requirement/Min/Max Length</i>
ST01	Transaction set ID Code	'852' (Product Activity Data)	M 3/3
ST02	Transaction set Control Number	Transaction Reference Number	M 4/9

TRANSACTION HEADER SEGMENTS

XQ - REPORTING DATE/ACTION:

MANDATORY

<i>Element Number</i>	<i>Description</i>	<i>Value</i>	<i>Requirement/Min/Max Length</i>
XQ01	Transaction Handling Code	'H' (Notification Only)	M 1/2
XQ02	Date	Sales Start Date	M 8/8
XQ03	Date	Sales End Date	O 8/8

N9 - REFERENCE IDENTIFICATION:

OPTIONAL

<i>Element Number</i>	<i>Description</i>	<i>Value</i>	<i>Requirement/Min/Max Length</i>
N901	Reference Identification Qualifier	'IA' (Internal Vendor Number)	M 2/3
N902	Reference Identification	A&P's 5-digit number for the vendor	C 1/30

N1- NAME:

OPTIONAL

LOOP ID N1

<i>Element Number</i>	<i>Description</i>	<i>Value</i>	<i>Requirement/Min/Max Length</i>
N101	Entity ID Code	'FR' (Message From)	M 2/3
N102	Name	'Great A&P Tea Company'	C 1/60
N103	ID Code Qualifier	'93' (Code assigned by originating organization)	C 1/2
N104	ID Code	'001367366' (A&P's DUNS Number)	C 2/80

TRANSACTION DETAIL SEGMENTS

LIN - ITEM IDENTIFICATION: OPTIONAL LOOP ID LIN

<i>Element Number</i>	<i>Description</i>	<i>Value</i>	<i>Requirement/Min/Max Length</i>
LIN01	Assigned Identification	Line item identification	O 1/20
LIN02	Product/Service Qualifier	'UP' (UPC Consumer Package Code)	M 2/2
LIN03	Product/Service ID	Consumer Package UPC	M 1/48

ZA - PRODUCT ACTIVITY: MANDATORY LOOP ID LIN/ZA

<i>Element Number</i>	<i>Description</i>	<i>Value</i>	<i>Requirement/Min/Max Length</i>
ZA01	Activity Code	'QS' (Quantity Sold)	M 2/2

CTP - PRICING INFORMATION: OPTIONAL LOOP ID LIN/ZA

<i>Element Number</i>	<i>Description</i>	<i>Value</i>	<i>Requirement/Min/Max Length</i>
CTP02	Price Identifier Code	'RTL'(Retail Price) 'UCP' (Unit Cost Price)	C 3/3
CTP03	Unit Price	If CTP02=RTL, unit retail price If CTP02=UCP, unit wholesale cost	C 1/17

SDQ - DESTINATION QUANTITY: OPTIONAL LOOP ID LIN/ZA

<i>Element Number</i>	<i>Description</i>	<i>Value</i>	<i>Requirement/Min/Max Length</i>
SDQ01	Unit or Basis for Measurement Code	'EA' (Each)	M 2/2
SDQ02	Identification Code Qualifier	'92' (Assigned by Buyer)	O 1/2
SDQ03	Identification Code	A&P store number	M 2/80
SDQ04	Quantity	Quantity sold	M 1/15
*SDQ05	Identification Code	A&P store number	C 2/80
*SDQ06	Quantity	Quantity sold	C 1/15

***If multiple stores are being reported, pairs of elements representing the identification codes (store numbers) and quantities sold will be repeated up to a maximum of 10 stores per SDQ segment (SDQ05/06, SDQ07/08, ... through SDQ21/22.**

TRANSACTION SUMMARY SEGMENT

CTT - TRANSACTION TOTALS:

OPTIONAL

<i>Element Number</i>	<i>Description</i>	<i>Value</i>	<i>Requirement/Min/Max Length</i>
<i>CTT01</i>	<i>Number of Line Items</i>	<i>Number of Line Items</i>	<i>M 1/6</i>

TRAILER CONTROL SEGMENTS

SE - TRANSACTION SET TRAILER:

MANDATORY

<i>Element Number</i>	<i>Description</i>	<i>Value</i>	<i>Requirement/Min/Max Length</i>
<i>SE01</i>	<i>Number of included Segments</i>	<i>Number of segments included in the transaction.</i>	<i>M 1/10</i>
<i>SE02</i>	<i>Transaction Set Control Number</i>	<i>Marks the end of the transaction.</i>	<i>M 4/9</i>

GE - FUNCTIONAL GROUP TRAILER:

MANDATORY

<i>Element Number</i>	<i>Description</i>	<i>Value</i>	<i>Requirement/Min/Max Length</i>
<i>GE01</i>	<i>Number of TS Included</i>	<i>Number of transactions included in the group.</i>	<i>M 1/6</i>
<i>GE02</i>	<i>Group Control Number</i>	<i>Marks the end of the group.</i>	<i>M 1/9</i>

IEA - INTERCHANGE CONTROL TRAILER:

MANDATORY

<i>Element Number</i>	<i>Description</i>	<i>Value</i>	<i>Requirement/Min/Max Length</i>
<i>IEA01</i>	<i>Number of functional groups</i>	<i>Number of groups included in the interchange.</i>	<i>M 1/5</i>
<i>IEA02</i>	<i>Interchange Control Number</i>	<i>Marks the end of the interchange.</i>	<i>M 9/9</i>