

# 852 Product Activity Data

Functional Group ID=**PD**

## Introduction:

This Draft Standard for Trial Use contains the format and establishes the data contents of the Product Activity Data Transaction Set (852) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used by a distributor, warehouse, or retailer to advise a trading partner of inventory, sales, and other product activity information. Product activity data enables a trading partner to plan and ship, or propose inventory replenishment quantities, for distribution centers, warehouses or retail outlets. The receiver of the transaction set will maintain some type of inventory/product movement records for its trading partners to enable replenishment calculations based on data provided by the distributor, warehouse or retailer.

## Notes:

Modell's will send two types of 852 documents.

852 = Product activity data inventory report

852 = Product activity data sales report

transmissions will be sent on a weekly basis and follow the Sales report guidelines.

## Heading:

<u>Page No.</u>	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Loop Repeat</u>	<u>Notes and Comments</u>
3	010	ST	Transaction Set Header	M	1		
4	020	XQ	Reporting Date/Action	M	1		
5	040	N9	Reference Identification	O	>1		

## Detail:

<u>Page No.</u>	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Loop Repeat</u>	<u>Notes and Comments</u>
			LOOP ID - LIN	999999			
6	010	LIN	Item Identification	O	1		
7	020	CTP	Pricing Information	O	25		
			LOOP ID - ZA	>1			
8	080	ZA	Product Activity Reporting	M	1		n1
9	110	SDQ	Destination Quantity	O	>1		

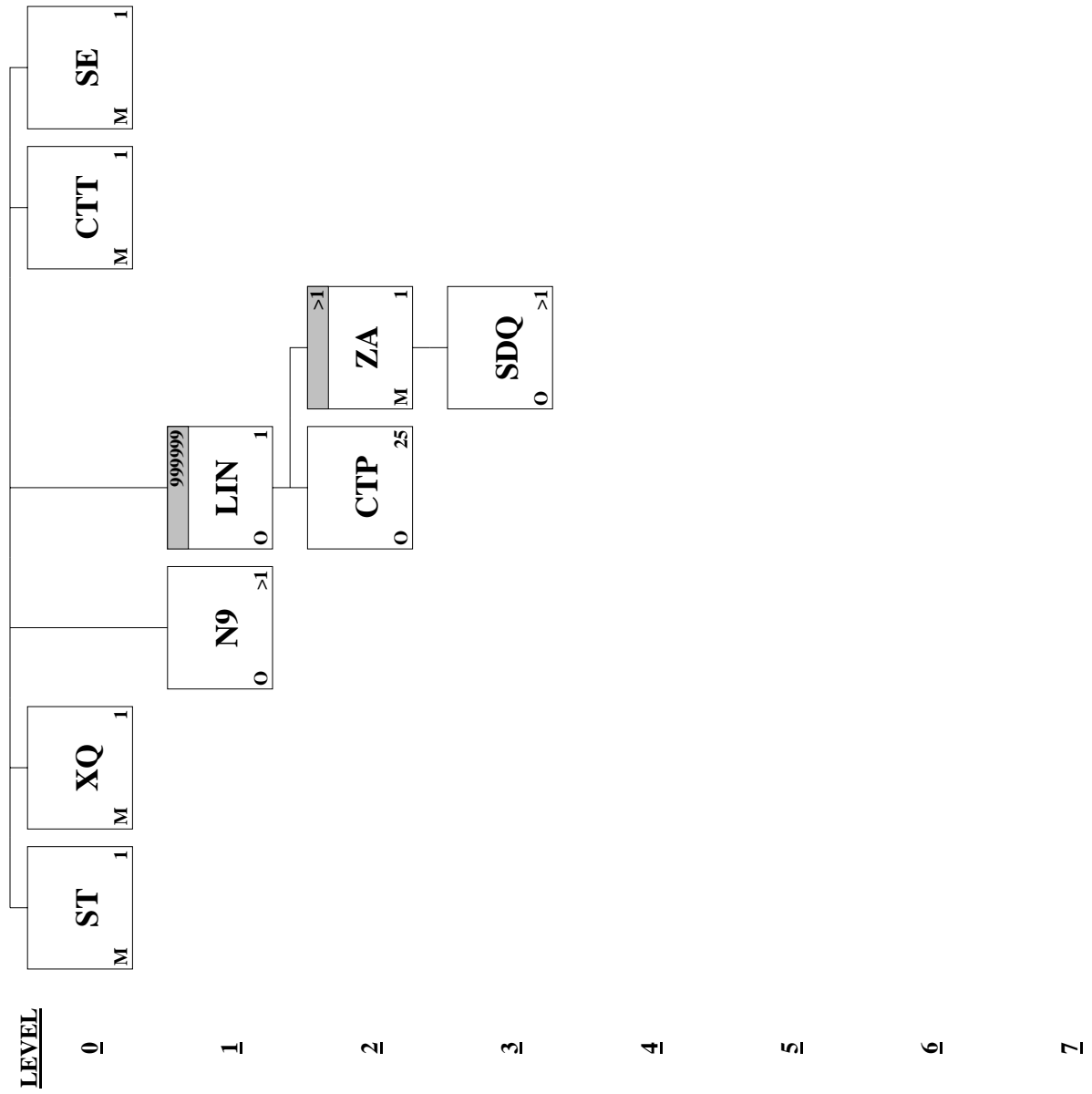
## Summary:

<u>Page No.</u>	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Loop Repeat</u>	<u>Notes and Comments</u>
11	010	CTT	Transaction Totals	M	1		n2
12	020	SE	Transaction Set Trailer	M	1		

## Transaction Set Notes

1. The quantity for the item identified in the LIN segment is required. Quantity is specified either in the ZA segment (ZA02) or in the SDQ segment.
2. The number of line items (CTT01) is the accumulation of the number of LIN segments. Hash total (CTT02) is not used in this transaction set.  
When sending item and activity data in the LIN loop, the CTT segment is required.

MODELLS SPORTING GOODS EDI SPECIFICATIONS



**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  
**Comments:**  
**Notes:**

EXAMPLE: ST\*852\*0001~

**Data Element Summary**

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
M	ST01	143	Transaction Set Identifier Code	M ID 3/3
			Code uniquely identifying a Transaction Set	
			852 Product Activity Data	
M	ST02	329	Transaction Set Control Number	M AN 4/9
			Identifying control number that must be unique within the transaction set	
			functional group assigned by the originator for a transaction set	

MODELLS SPORTING GOODS EDI SPECIFICATIONS

**Segment:** **XQ** Reporting Date/Action  
**Position:** 020  
**Loop:**  
**Level:** Heading  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** To specify reporting date and action to be taken  
**Comments:**  
**Notes:**

EXAMPLE: XQ\*G\*19990509\*19990515~

**Data Element Summary**

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	XQ01	305	Transaction Handling Code Code designating the action to be taken by all parties G Plan Order(s) and Ship Product	M ID 1/1
M	XQ02	373	Date Date expressed as CCYYMMDD	M DT 8/8
	XQ03	373	Date Date expressed as CCYYMMDD	O DT 8/8

MODELLS SPORTING GOODS EDI SPECIFICATIONS

**Segment:** **N9** Reference Identification  
**Position:** 040  
**Loop:**  
**Level:** Heading  
**Usage:** Optional  
**Max Use:** >1  
**Purpose:** To transmit identifying information as specified by the Reference Identification Qualifier  
**Comments:**  
**Notes:** EXAMPLE: N9\*DP\*045~

**Data Element Summary**

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	N901	128	Reference Identification Qualifier Code qualifying the Reference Identification DP Department Number	M ID 2/2
>>	N902	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier Modell's Department Number. This is a 3-digit number.	X AN 3/3

**Segment:** **LIN** **Item Identification**  
**Position:** 010  
**Loop:** LIN Optional  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** 1  
**Purpose:** To specify basic item identification data  
**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.  
**Notes:** EXAMPLE: LIN\*\*UP\*052177821407~

**Data Element Summary**

Ref.	Data			
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>	
LIN01	350	<b>Assigned Identification</b>	O	AN 1/7
		Alphanumeric characters assigned for differentiation within a transaction set		
M	LIN02	<b>Product/Service ID Qualifier</b>	M	ID 2/2
		Code identifying the type/source of the descriptive number used in Product/Service ID (234)		
		EN	European Article Number (EAN) (2-5-5-1)	
		UK	U.P.C./EAN Shipping Container Code (1-2-5-5-1)	
			A 14-digit code that uniquely identifies the manufacturer's shipping unit, including the packaging indicator and check digit; the first digit is the packaging indicator, the next two digits are the number system characters, the next five digits are the manufacturer ID number, the second five digits are the item code, and the final digit is the check digit	
		UP	U.P.C. Consumer Package Code (1-5-5-1)	
M	LIN03	<b>Product/Service ID</b>	M	AN 12/14
		Identifying number for a product or service		

**Segment:** **CTP Pricing Information**  
**Position:** 020  
**Loop:** LIN Optional  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** 25  
**Purpose:** To specify pricing information  
**Comments:** 1 See Figures Appendix for an example detailing the use of CTP03 and CTP04.  
 See Figures Appendix for an example detailing the use of CTP03, CTP04 and CTP07.  
**Notes:** EXAMPLE: CTP\*RS\*RES\*19.99 (optional)  
 CTP segment will ONLY transmit @ vendors request and Modell's buyer approval.

**Data Element Summary**

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
<u>Des.</u>	<u>Element</u>		
CTP01	687	<b>Class of Trade Code</b> Code indicating class of trade RS Resale	O ID 2/2
>>	CTP02	236 <b>Price Identifier Code</b> Code identifying pricing specification RES Resale	X ID 3/3
>>	CTP03	212 <b>Unit Price</b> Price per unit of product, service, commodity, etc.	X R 1/17

**Segment:** **ZA** **Product Activity Reporting**  
**Position:** 080  
**Loop:** ZA Mandatory  
**Level:** Detail  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** To provide activity details concerning product being reported  
**Comments:**  
**Notes:**

EXAMPLE: ZA\*QA~  
 ZA\*QS~

**Data Element Summary**

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
M	<u>Des.</u> ZA01	<u>Element</u> 859 <u>Activity Code</u>	M ID 2/2
		Code identifying activity details for the product being reported	
		QA	Current Inventory Quantity Available for Shipment or Sale
			Indicates the quantity currently available to be sold or shipped
		QS	Quantity Sold



**Segment:** **SDQ** Destination Quantity  
**Position:** 110  
**Loop:** ZA Mandatory  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** >1  
**Purpose:** To specify destination and quantity detail  
**Comments:**

- 1 SDQ02 is used only if different than previously defined in the transaction set.
- 2 SDQ03 is the store number.
- 3 SDQ23 may be used to identify areas within a store, e.g., front room, back room, selling outpost, end aisle display, etc. The value is agreed to by trading partners or industry conventions.

**Notes:** EXAMPLE: SDQ\*EA\*92\*036\*1\*038\*2\*042\*3\*043\*1\*045\*3\*099\*10~

**Data Element Summary**

Ref.	Data Element	Name	Attributes
M	SDQ01	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 CA Case EA Each	M ID 2/2
>>	SDQ02	66 Identification Code Qualifier Code designating the system/method of code structure used for Identification Code (67) 92 Assigned by Buyer or Buyer's Agent	O ID 2/2
M	SDQ03	67 Identification Code Code identifying a party or other code Modell's 3-digit store number.	M AN 3/3
M	SDQ04	380 Quantity Numeric value of quantity Numeric value of quantity express as a whole number.	M R 1/10
	SDQ05	67 Identification Code Code identifying a party or other code Modell's 3-digit store number.	X AN 3/3
	SDQ06	380 Quantity Numeric value of quantity Numeric value of quantity express as a whole number.	X R 1/10
	SDQ07	67 Identification Code Code identifying a party or other code Modell's 3-digit store number.	X AN 3/3
	SDQ08	380 Quantity Numeric value of quantity Numeric value of quantity express as a whole number.	X R 1/10
	SDQ09	67 Identification Code Code identifying a party or other code Modell's 3-digit store number.	X AN 3/3
	SDQ10	380 Quantity Numeric value of quantity Numeric value of quantity express as a whole number.	X R 1/10
	SDQ11	67 Identification Code Code identifying a party or other code Modell's 3-digit store number.	X AN 3/3

MODELLS SPORTING GOODS EDI SPECIFICATIONS

<b>SDQ12</b>	<b>380</b>	<b>Quantity</b>	<b>X</b>	<b>R 1/10</b>
		Numeric value of quantity		
		Numeric value of quantity express as a whole number.		
<b>SDQ13</b>	<b>67</b>	<b>Identification Code</b>	<b>X</b>	<b>AN 3/3</b>
		Code identifying a party or other code		
		Modell's 3-digit store number.		
<b>SDQ14</b>	<b>380</b>	<b>Quantity</b>	<b>X</b>	<b>R 1/10</b>
		Numeric value of quantity		
		Numeric value of quantity express as a whole number.		
<b>SDQ15</b>	<b>67</b>	<b>Identification Code</b>	<b>X</b>	<b>AN 3/3</b>
		Code identifying a party or other code		
		Modell's 3-digit store number.		
<b>SDQ16</b>	<b>380</b>	<b>Quantity</b>	<b>X</b>	<b>R 1/10</b>
		Numeric value of quantity		
		Numeric value of quantity express as a whole number.		
<b>SDQ17</b>	<b>67</b>	<b>Identification Code</b>	<b>X</b>	<b>AN 3/3</b>
		Code identifying a party or other code		
		Modell's 3-digit store number.		
<b>SDQ18</b>	<b>380</b>	<b>Quantity</b>	<b>X</b>	<b>R 1/10</b>
		Numeric value of quantity		
		Numeric value of quantity express as a whole number.		
<b>SDQ19</b>	<b>67</b>	<b>Identification Code</b>	<b>X</b>	<b>AN 3/3</b>
		Code identifying a party or other code		
		Modell's 3-digit store number.		
<b>SDQ20</b>	<b>380</b>	<b>Quantity</b>	<b>X</b>	<b>R 1/10</b>
		Numeric value of quantity		
		Numeric value of quantity express as a whole number.		
<b>SDQ21</b>	<b>67</b>	<b>Identification Code</b>	<b>X</b>	<b>AN 3/3</b>
		Code identifying a party or other code		
		Modell's 3-digit store number.		
<b>SDQ22</b>	<b>380</b>	<b>Quantity</b>	<b>X</b>	<b>R 1/10</b>
		Numeric value of quantity		
		Numeric value of quantity express as a whole number.		

**Segment:** **CTT** Transaction Totals  
**Position:** 010  
**Loop:**  
**Level:** Summary  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** To transmit a hash total for a specific element in the transaction set  
**Comments:** 1 This segment is intended to provide hash totals to validate transaction completeness and correctness.  
**Notes:** EXAMPLE: CTT\*2000~

**Data Element Summary**

Ref.	Data		
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	CTT01	354 Number of Line Items	M N0 1/6
		Total number of line items in the transaction set	

**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)  
**Comments:** 1 SE is the last segment of each transaction set.  
**Notes:** EXAMPLE: SE\*6005\*0001~

**Data Element Summary**

	<u>Ref.</u>	<u>Data</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u> <u>Name</u>	
M	SE01	96 <b>Number of Included Segments</b>	M N0 1/10
		Total number of segments included in a transaction set including ST and SE segments	
M	SE02	329 <b>Transaction Set Control Number</b>	M AN 4/9
		Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	