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:

This document identifies the NEXCOM business requirements for the 852, Product Activity Data, when reporting store sales data. All segments marked "MANDATORY" by the standards and NEXCOM will always be transmitted. All segments marked "OPTIONAL" may be transmitted as necessary in their respective segments.

Segment: ISA - INTERCHANGE CONTROL HEADER　　　　**Level: ENVELOPE**
Loop:　　　　　　　**Max Use: 1**　　　　　　　　**Usage: MANDATORY**

PURPOSE: To start and identify an interchange of one or more functional groups.

	Data Element Name	**NEXCOM Codes/Values**
ISA01	Authorization Information Qualifier	"00"
ISA02	Authorization Information	Ten blank position
ISA03	Security Information Qualifier	"00"
ISA04	Security Information	Ten blank position
ISA05	Interchange ID Qualifier	"08" for Production "ZZ" for Test
ISA06	Interchange Sender ID	"9252671859" for Production "NEXCOM" for Test
ISA07	Interchange ID Qualifier	Receiver's Qualifier
ISA08	Interchange Receiver ID	Receiver's ID
ISA09	Interchange Date	YYMMDD
ISA10	Interchange Time	HHMM
ISA11	Interchange Control Standards Identifier	"U" - ACS X 12
ISA12	Interchange Control Version Number	"00401"
ISA13	Interchange Control Number	Sequential Number
ISA14	Acknowledgment Requested	"0"
ISA15	Test Indication	"P" for Production "T" for Test
ISA16	Sub element Separator	">"

Segment: GS - FUNCTIONAL GROUP HEADER   **Level: ENVELOPE**
Loop: **Max Use: 1**   **Usage: MANDATORY**

PURPOSE: To start and identify a functional group of related transaction sets and provide control and application identification information.

	Data Element Name	**NEXCOM Codes/Values**
GS01	Functional Identifier Code	"PD" - Product Activity Data
GS02	Application Sender's Code	"9252671859" for Production "NEXCOM" for Test
GS03	Application Receiver's Code	Receiver's ID
GS04	Date	CCYYMMDD
GS05	Time	HHMM
GS06	Group Control Number	Sequential Number
GS07	Responsible Agency Code	"X" - X12
GS08	Version/Release/Industry Identifier Code	"004010VICS"

Segment: ST - TRANSACTION SET HEADER   **Level: HEADER**
Loop: **Max Use: 1**   **Usage: MANDATORY**

PURPOSE: To indicate the start of a product activity data transaction set and to assign a control number.

	Data Element Name	**NEXCOM Codes/Values**
ST01	Transaction Set Identifier Code	"852"
ST02	Transaction Set Control Number	Sequential Number

Segment: XQ - REPORTING DATE/ACTION   **Level: HEADER**
Loop: **Max Use: 1**   **Usage: MANDATORY**

PURPOSE: To specify reporting date and action to be taken.

	Data Element Name	**NEXCOM Codes/Values**
XQ01	Transaction Handling Code	"H" - Notification Only
XQ02	Date	Period Start Date (CCYYMMDD)
XQ03	Date	Period End Date (CCYYMMDD)

Segment: N9 - REFERENCE NUMBER　　　　　　　**Level: HEADER**
Loop:　　　　　　　　**Max Use: > 1**　　　　　　　**Usage: OPTIONAL**

PURPOSE: To transmit identifying numbers and descriptive information as specified by the reference number qualifier.

	Data Element Name	**NEXCOM Codes/Values**
N901	Reference Number Qualifier	"IA" - Internal Vendor Number
N902	Reference Number	Vendor Internal Number

Segment: N9 - REFERENCE NUMBER　　　　　　　**Level: HEADER**
Loop:　　　　　　　　**Max Use: 1**　　　　　　　**Usage: OPTIONAL**

PURPOSE: To transmit identifying numbers and descriptive information as specified by the reference number qualifier.

	Data Element Name	**NEXCOM Codes/Values**
N901	Reference Number Qualifier	"BT" - Batch Number
N902	Reference Number	Batch Number

* Segment may or may not be included in transmission.

Segment: N9 - REFERENCE NUMBER　　　　　　　**Level: HEADER**
Loop:　　　　　　　　**Max Use: 1**　　　　　　　**Usage: OPTIONAL**

PURPOSE: To transmit identifying numbers and descriptive information as specified by the reference number qualifier.

	Data Element Name	**NEXCOM Codes/Values**
N901	Reference Number Qualifier	"DP" - Department
N902	Reference Number	Department Number

Segment: LIN - ITEM IDENTIFICATION　　　　　　**Level: DETAIL**
Loop: LIN Repeat 99999　　　**Max Use: 1**　　　　**Usage: MANDATORY**

PURPOSE: To specify basic item identification data.

	Data Element Name	**NEXCOM Codes/Values**
LIN02	Product ID Qualifier	"UP" - UPC (1-5-5-1)
		"EN" - EAN (2-5-5-1)
		"UK" – GTIN (1-2-5-5-1)

LIN03	Product ID	UPC / EAN / GTIN Code
LIN04	Product ID Qualifier	"IT" - Buyer's Style
		"VA" -Vendor's style number
LIN05	Product ID	Buyer's style number
		Vendor's style number

Segment: CTP - PRICING INFORMATION *   **Level: DETAIL**
Loop: LIN   **Max Use: 25**   **Usage: OPTIONAL**

PURPOSE: To specify pricing information.

	Data Element Name	**NEXCOM Codes/Values**
CTP02	Price Identifier Code	"RES" - Resale
CTP03	Unit Price	Master File Price

* Segment/element may or may not be included in transmission.

Segment: ZA - PRODUCT ACTIVITY REPORTING   **Level: DETAIL**
Loop: LIN/ZA   **Max Use: 99**   **Usage: MANDATORY**

PURPOSE: To provide activity details concerning product being reported.

	Data Element Name	**NEXCOM Codes/Values**
ZA01	Activity Code	"QS" - Qty Sold
		"QR" - Qty Recvd
		"QT" - Adj to Inventory Quantity
		"QH" - Qty Damaged
		"QU" - Qty Returned by Customer

Segment: SDQ - DESTINATION QUANTITY   **Level: DETAIL**
Loop: LIN/ZA   **Max Use: >1**   **Usage: OPTIONAL**

PURPOSE: To specify destination and quantity detail.

	Data Element Name	**NEXCOM Codes/Values**
SDQ01	Unit or Basis for Measurement Code	"EA" - Each
		"DO" - Dollars
SDQ02	Identification Code Qualifier	"92" - Assigned by Buyer
SDQ03	Identification Code	Store Code
SDQ04	Quantity	Quantity/Dollars
SDQ05	Identification Code	Store Code
SDQ06	Quantity	Quantity/Dollars

SDQ07	Identification Code	Store Code
SDQ08	Quantity	Quantity/Dollars
SDQ09	Identification Code	Store Code
SDQ10	Quantity	Quantity/Dollars
SDQ11	Identification Code	Store Code
SDQ12	Quantity	Quantity/Dollars
SDQ13	Identification Code	Store Code
SDQ14	Quantity	Quantity/Dollars
SDQ15	Identification Code	Store Code
SDQ16	Quantity	Quantity/Dollars
SDQ17	Identification Code	Store Code
SDQ18	Quantity	Quantity/Dollars
SDQ19	Identification Code	Store Code
SDQ20	Quantity	Quantity/Dollars
SDQ21	Identification Code	Store Code
SDQ22	Quantity	Quantity/Dollars

Segment: CTT - TRANSACTION TOTALS   **Level: SUMMARY**
Loop: **Max Use: 1**   **Usage: MANDATORY**

PURPOSE: To transmit a hash total for a specific element in the transaction set.

	Data Element Name	**NEXCOM Codes/Values**
CTT01	Number of Line Items	Total Number of Line Items (LINs)

Segment: SE - TRANSACTION SET TRAILER   **Level: SUMMARY**
Loop: **Max Use: 1**   **Usage: MANDATORY**

PURPOSE: To indicate the end of the transaction set and provide the count of the transmitted segments.

	Data Element Name	**NEXCOM Codes/Values**
SE01	Number of Segments	Include ST and SE segments
SE02	Control Number	Sequential Number, same as ST02

Segment: GE - FUNCTIONAL GROUP TRAILER   **Level: SUMMARY**
Loop: **Max Use: 1**   **Usage: MANDATORY**

PURPOSE: To define the end of a functional group of related transaction sets.

Data Element Name		**NEXCOM Codes/Values**
GE01	Number of Transaction Sets Included	Total Number of Transaction Sets
GE02	Group Control Number	Sequential Number, same as GS06

Segment: IEA - INTERCHANGE CONTROL TRAILER   **Level: ENVELOPE**
Loop: **Max Use: 1**   **Usage: MANDATORY**

PURPOSE: To define the end of an interchange of one or more functional groups and related control.

Data Element Name		**NEXCOM Codes/Values**
IEA01	Number of Included Functional Groups	Count of GS Segments in Transmission.
IEA02	Interchange Control Number	Sequential Number, same as ISA 13