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852 - Product Activity Data

FUNCTIONAL GROUP: PD

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.

Pos. No.	SEG ID	NAME	REQ. DES.	MAX USE
<u>CONTROL</u>				
	ISA	INTERCHANGE CONTROL HEADER	MANDATORY	1
	GS	FUNCTIONAL GROUP HEADER	MANDATORY	1
<u>HEADING TABLE 1</u>				
010	ST	TRANSACTION SET HEADER	MANDATORY	1
020	XQ	REPORTING DATE/ACTION	MANDATORY	1
<i>LOOP-ID - N1</i>				<i>LOOP REPEAT 200</i>
060	N1	NAME	MANDATORY	1
<u>DETAIL TABLE 2</u>				
<i>LOOP-ID - LIN</i>				<i>LOOP REPEAT >1</i>
010	LIN	ITEM IDENTIFICATION	MANDATORY	1
<i>LOOP-ID - ZA</i>				<i>LOOP REPEAT >1</i>
080	ZA	PRODUCT ACTIVITY REPORTING	MANDATORY	1
110	SDQ	DESTINATION QUANTITY	MANDATORY	>1
<u>SUMMARY TABLE 3</u>				
010	CTT	TRANSACTION TOTALS VERSION 4010	MANDATORY	1
020	SE	TRANSACTION SET TRAILER	MANDATORY	1
<u>CONTROL</u>				
	GE	GROUP CONTROL TRAILER	MANDATORY	1
	IEA	INTERCHANGE CONTROL TRAILER	MANDATORY	1

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ISA – TRANSMISSION CONTROL HEADER

POSITION:

LOOP:

LEVEL: CONTROL

USAGE: MANDATORY

MAX USE: 1

PURPOSE: TO START AND IDENTIFY AN INTERCHANGE OF ZERO OR MORE FUNCTIONAL GROUPS AND INTERCHANGE RELATED CONTROL SEGMENTS.

DATA ELEMENT SUMMARY

REF DES	ELEMID	ELEMENT NAME	ATTRIBUTES			DESCRIPTION
ISA01	I01	AUTHORIZATION INFORMATION QUAL	M	ID	2/2	"00"
ISA02	I02	AUTHORIZATION INFORMATION ID	M	AN	10/10	
ISA03	I03	SECURITY QUALIFIER	M	ID	2/2	"00"
ISA04	I04	SECURITY INFORMATION	M	AN	10/10	
ISA05	I05	INTERCHANGE SEND QUALIFIER	M	ID	2/2	PROD = "12"
ISA06	I06	INTERCHANGE SEND ID	M	ID	15/15	PROD = "6063711145"
ISA07	I05	INTERCHANGE RECEIVER QUALIFIER	M	ID	2/2	T/P QUALIFIER
ISA08	I07	INTERCHANGE RECEIVER ID	M	ID	15/15	T/P ID
ISA09	I08	INTERCHANGE DATE	M	DT	6/6	DATE OF INTERCHANGE (YYMMDD)
ISA10	I09	INTERCHANGE TIME	M	TM	4/4	TIME OF INTERCHANGE (HHMM)
ISA11	I10	INTERCHANGE STANDARD ID	M	ID	1/1	"U"
ISA12	I11	INTERCHANGE VERSION ID	M	ID	5/5	"00400"
ISA13	I12	INTERCHANGE CONTROL No.	M	NO	9/9	NUMBER ASSIGNED BY SENDER
ISA14	I13	ACKNOWLEDGEMENT REQUESTED	M	ID	1/1	"0"
ISA15	I14	USAGE INDICATOR	M	ID	1/1	PRODUCTION = "P";
ISA16	I15	SUBELEMENT SEPARATOR	M	ID	1/1	" > "

EXAMPLE:

ISA*00* *00* *12*6063711145 *01*001234567 *010103*2306*U*00400*000000057*0*P*>

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GS – FUNCTIONAL GROUP HEADER

POSITION:
LOOP:
LEVEL: CONTROL
USAGE: MANDATORY
MAX USE: 1
PURPOSE: TO INDICATE THE BEGINNING OF A FUNCTIONAL GROUP AND TO PROVIDE CONTROL INFORMATION.

DATA ELEMENT SUMMARY

REF DES	ELEMID	ELEMENT NAME	ATTRIBUTES			DESCRIPTION
GS01	479	FUNCTIONAL GROUP ID	M	ID	2/2	"PD"
GS02	142	APPLICATION SENDER'S CODE	M	ID	02/12	PROD = "6063711145"
GS03	124	APPLICATION RECEIVER'S CODE	M	ID	10/10	CODE IDENTIFYING PARTY RECEIVING TRANS.
GS04	29	DATA INTERCHANGE DATE	M	DT	8/8	DATE DATA GENERATED
GS05	30	DATA INTERCHANGE TIME	M	DT	4/4	TIME DATA GENERATED
GS06	28	TRANSMISSION CONTROL NUMBER	M	NO	1/9	WILL START WITH "1", INCREMENTING BY "1" FOR SUCCESSIVE BATCHES TO "99999" THEN RESETTING TO "1".
GS07	455	RESPONSIBLE AGENCY CODE	M	ID	1/1	"X"
GS08	480	VERSION	M	ID	6/6	"004010"

EXAMPLE:

GS*PD*6063711145*001234567 *20010103*2306*1*X*004010

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ST – TRANSACTION HEADER

POSITION:
LOOP:
LEVEL: HEADING
USAGE: MANDATORY
MAX USE: 1
PURPOSE: TO INDICATE THE START OF A TRANSACTION SET AND TO ASSIGN A CONTROL NUMBER.

DATA ELEMENT SUMMARY

REF DES	ELEMID	ELEMENT NAME	ATTRIBUTES			DESCRIPTION
ST01	143	TRANSACTION SET ID CODE	M	ID	3/3	"852" = PRODUCT ACTIVITY DATA
ST02	329	TRANSACTION SET CONTROL No.	M	AN	4/9	IDENTIFYING CONTROL NUMBER ASSIGNED BY THE ORIGINATOR FOR A TRANSACTION SET.

EXAMPLE:

ST*852*000000001

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XQ – REPORTING DATE/ACTION

POSITION: 020
LOOP:
LEVEL: HEADING
USAGE: MANDATORY
MAX USE: 1
PURPOSE: TO SPECIFY REPORTING DATE AND ACTION TO BE TAKEN.

DATA ELEMENT SUMMARY

REF DES	ELEMID	ELEMENT NAME	ATTRIBUTES			DESCRIPTION
XQ01	305	TRANSACTION HANDLING CODE	M	ID	1/2	"Z" = FILE DATE
XQ02	373	DATE	M	DT	8/8	CCYYMMDD

EXAMPLE:

XQ*Z*20010521

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N1 – NAME INFORMATION

POSITION: 060
LOOP: N1
LEVEL: HEADER
USAGE: MANDATORY
MAX USE: 1
PURPOSE: TO IDENTIFY A PARTY BY TYPE OF ORGANIZATION, NAME, AND CODE.

DATA ELEMENT SUMMARY

REF DES	ELEMID	ELEMENT NAME	ATTRIBUTES			DESCRIPTION
N101	98	ENTITY ID CODE	M	ID	2/2	CODE IDENTIFYING AN ORGANIZATION ENTITY. "RL" = REPORTING LOCATION
N103	66	ID CODE QUALIFIER	M	ID	1/2	"9" = DUNS#
N104	67	ID CODE	M	AN	2/13	TOYS R US DUN'S NUMBER

EXAMPLE:

N1*RL**9*6063711145

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LIN – ITEM IDENTIFICATION

POSITION: 010
LOOP: LIN
LEVEL: DETAIL
USAGE: MANDATORY
MAX USE: >1
PURPOSE: TO SPECIFY BASIC ITEM IDENTIFICATION DATA.

DATA ELEMENT SUMMARY

REF DES	ELEMID	ELEMENT NAME	ATTRIBUTES			DESCRIPTION
LIN02	235	PRODUCT/SERVICE ID QUALIFIER	M	ID	2/2	"UA" = UPC NUMBER (2-5-5)
LIN03	234	PRODUCT/SERVICE ID	M	AN	12/12	UPC NUMBER
LIN04	235	PRODUCT/SERVICE ID QUALIFIER	M	ID	2/2	"IT" = TRU SKN NUMBER QUALIFIER
LIN05	234	PRODUCT/SERVICE ID	M	AN	6/6	TRU SKN NUMBER
LIN06	235	PRODUCT/SERVICE ID QUALIFIER	M	ID	2/2	"MG" = MANUFACTURER PROD No.QUAL
LIN07	234	PRODUCT/SERVICE ID	M	AN	1/11	MANUFACTURER PRODUCT NUMBER
LIN08	235	PRODUCT/SERVICE ID QUALIFIER	X	ID	2/2	"UP" = UPC NUMBER (1-5-5-1)
LIN09	234	PRODUCT/SERVICE ID	X	N	12/12	UPC NUMBER WITH CHECK DIGIT

EXAMPLE:

LIN**UA*003520300049*IT*123456*MG*70344*UP*035203000496

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ZA – PRODUCT ACTIVITY REPORTING

POSITION: 080
LOOP: ZA
LEVEL: DETAIL
USAGE: MANDATORY
MAX USE: >1
PURPOSE: TO PROVIDE ACTIVITY DETAILS CONCERNING PRODUCT BEING REPORTED.

DATA ELEMENT SUMMARY

REF DES	ELEMID	ELEMENT NAME	ATTRIBUTES			DESCRIPTION
ZA01	859	ACTIVITY CODE	M	ID	2/2	"QS" = SALES "QA" = INVENTORY "QX" = YEAR TO DATE "QP" = ON-ORDER

EXAMPLE:

ZA*QS
 ZA*QA
 ZA*QX
 ZA*QP

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SDQ – DESTINATION QUANTITY

POSITION: 110
LOOP: ZA
LEVEL: DETAIL
USAGE: MANDATORY
MAX USE: >1
PURPOSE: TO SPECIFY DESTINATION AND QUANTITY DETAIL.

DATA ELEMENT SUMMARY

REF DES	ELEMID	ELEMENT NAME	ATTRIBUTES			DESCRIPTION
SDQ01	355	UNIT OF MEASURE CODE	M	ID	2/2	"EA" = EACHES
SDQ03	67	ID CODE	M	ID	4/4	LOCATION NUMBER
SDQ04	380	QUANTITY	M	R	1/15	LOCATION QUANTITY
SDQ05	67	ID CODE	C	ID	4/4	LOCATION NUMBER
SDQ06	380	QUANTITY	M	R	1/15	LOCATION QUANTITY
SDQ07	67	ID CODE	C	ID	4/4	LOCATION NUMBER
SDQ08	380	QUANTITY	M	R	1/15	LOCATION QUANTITY
SDQ09	67	ID CODE	C	ID	4/4	LOCATION NUMBER
SDQ10	380	QUANTITY	M	R	1/15	LOCATION QUANTITY
SDQ11	67	ID CODE	C	ID	4/4	LOCATION NUMBER
SDQ12	380	QUANTITY	M	R	1/15	LOCATION QUANTITY
SDQ13	67	ID CODE	C	ID	4/4	LOCATION NUMBER
SDQ14	380	QUANTITY	M	R	1/15	LOCATION QUANTITY
SDQ15	67	ID CODE	C	ID	4/4	LOCATION NUMBER
SDQ16	380	QUANTITY	M	R	1/15	LOCATION QUANTITY
SDQ17	67	ID CODE	C	ID	4/4	LOCATION NUMBER
SDQ18	380	QUANTITY	M	R	1/15	LOCATION QUANTITY
SDQ19	67	ID CODE	C	ID	4/4	LOCATION NUMBER
SDQ20	380	QUANTITY	M	R	1/15	LOCATION QUANTITY
SDQ21	67	ID CODE	C	ID	4/4	LOCATION NUMBER
SDQ22	380	QUANTITY	M	R	1/15	LOCATION QUANTITY

EXAMPLE: SDQ*EA**0010*100*0001*2300

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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.

DATA ELEMENT SUMMARY

REF DES	ELEMID	ELEMENT NAME	ATTRIBUTES			DESCRIPTION
CTT01	354	NUMBER OF LINE ITEMS	M	NO	1/6	TOTAL NUMBER OF LINE ITEMS IN THE TRANSACTION SET.

EXAMPLE:

CTT*1

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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).

DATA ELEMENT SUMMARY

REF DES	ELEMID	ELEMENT NAME	ATTRIBUTES			DESCRIPTION
SE01	96	NUMBER OF SEGMENTS	M	NO	1/10	TOTAL NUMBER OF SEGMENTS INCLUDED IN THE TRANSACTION SET INCLUDING ST AND SE SEGMENTS.
SE02	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.

EXAMPLE:

SE*32*00000001

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GE – CONTROL TRAILER

POSITION:

LOOP:

LEVEL: CONTROL

USAGE: MANDATORY

MAX USE: 1

PURPOSE: TO INDICATE THE END OF A FUNCTIONAL GROUP AND TO PROVIDE CONTROL INFORMATION.

DATA ELEMENT SUMMARY

REF DES	ELEMID	ELEMENT NAME	ATTRIBUTES			DESCRIPTION
GE01	97	NUMBER OF INCLUDED SETS	M	NO	1/6	
GE02	28	DATA INTERCHANGE CONTROL No.	M	NO	1/9	

EXAMPLE:

GE*1*000000057

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IEA – TRANSMISSION CONTROL TRAILER

POSITION:

LOOP:

LEVEL: CONTROL

USAGE: MANDATORY

MAX USE: 1

PURPOSE: TO DEFINE THE END OF AN INTERCHANGE OF ZERO OR MORE FUNCTIONAL GROUPS AND INTERCHANGE RELATED CONTROL SEGMENTS.

DATA ELEMENT SUMMARY

REF DES	ELEMID	ELEMENT NAME	ATTRIBUTES			DESCRIPTION
IEA01	I16	NUMBER OF INCLUDED GROUPS	M	N0	1/5	
IEA02	I12	INTERCHANGE CONTROL No.	M	N0	9/9	

EXAMPLE:

IEA*1*000000057

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ISA*00* *00* *12*6063711145 *01*TP ID *020211*1043*U*00400*00000001*0*P*>
GS*PD*6063711145*TP ID *20020211*1043*1*X*004010
ST*852*000000001
XQ*Z*20020209
N1*RL**Q*6063711145
LIN**UA*004000312345*IT*318888*MG*F2361*UP*04000312345
ZA*QS
SDQ*EA**5604*-1*5816*-1*5841*-1*6011*-1*6018*-1*6033*-1*6308*-1*6329*-1*6351*-1*6382*-1
SDQ*EA**7509*-1*7521*-1*8354*-1*8368*-1*8373*-2*8717*-1*8815*-2*8821*-1*8910*-1
ZA*QA
SDQ*EA**5604*1*5605*1*5610*1*5613*1*5615*1*5618*1*5622*1*5634*1*5648*1*5663*1
SDQ*EA**5664*1*5816*1*5817*1*5819*1*5824*1*5829*1*5841*1*5845*1*6006*1*6009*1
SDQ*EA**6011*1*6018*1*6024*2*6032*1*6033*1*6046*3*6048*1*6059*2*6069*1*6303*1
SDQ*EA**6307*1*6308*2*6311*1*6322*1*6329*2*6332*2*6335*1*6336*1*6338*1*6348*1
SDQ*EA**6351*1*6365*1*6382*1*7011*1*7016*2*7019*1*7037*1*7046*1*7505*1*7507*2
SDQ*EA**7509*1*7515*1*7521*3*7526*1*7528*1*7536*1*7802*1*7812*1*7820*2*7833*1
SDQ*EA**7834*1*8002*1*8004*2*8007*1*8302*2*8303*1*8307*1*8309*1*8312*1*8314*1
SDQ*EA**8321*1*8325*1*8329*1*8337*1*8343*1*8350*1*8352*1*8354*1*8356*1*8357*1
SDQ*EA**8361*1*8363*1*8364*1*8368*1*8369*3*8372*1*8373*5*8374*1*8381*2*8709*1
SDQ*EA**8710*1*8715*1*8717*1*8743*1*8746*1*8803*1*8813*1*8815*3*8818*1*8821*2
SDQ*EA**8847*1*8910*1*9215*1*9228*1*9265*1*9278*1*9528*3*9530*1*9531*1
LIN**UA*004000314444*IT*314444*MG*K041*UP*040003145678
ZA*QS
SDQ*EA**5604*-1*5630*-1*5816*-1*5841*-1*5842*-2*6011*-1*6018*-1*6033*-1*6308*-1*6329*-1
SDQ*EA**6351*-1*6382*-1*7509*-1*7521*-1*8002*-1*8354*-1*8368*-1*8373*-2*8703*-1*8717*-1
SDQ*EA**8749*-1*8815*-2*8821*-1*8910*-1
ZA*QA
SDQ*EA**5604*1*5605*1*5610*1*5613*1*5615*1*5618*1*5622*1*5630*1*5634*2*5648*1
SDQ*EA**5663*1*5664*1*5816*1*5817*1*5819*1*5824*1*5829*1*5841*1*5842*2*5845*1
SDQ*EA**6009*1*6011*1*6018*1*6024*2*6032*1*6033*1*6046*3*6048*1*6059*1*6303*1
SDQ*EA**6307*1*6308*2*6309*1*6311*1*6322*1*6329*2*6332*1*6334*1*6335*1*6336*1
SDQ*EA**6338*1*6347*2*6348*1*6351*1*6365*1*6382*1*7011*1*7016*1*7019*1*7037*1
SDQ*EA**7046*1*7505*1*7507*2*7509*7*7515*1*7517*1*7521*3*7526*1*7528*1*7536
*1
SDQ*EA**7802*1*7812*1*7820*2*7833*1*7834*1*8002*3*8004*2*8007*3*8008*1*8302*2
SDQ*EA**8303*1*8307*1*8312*1*8314*1*8321*1*8325*1*8329*1*8337*1*8338*1*8343*1
SDQ*EA**8350*2*8352*1*8354*1*8356*1*8357*1*8361*1*8363*1*8364*1*8368*1*8369*3
SDQ*EA**8372*1*8373*5*8374*2*8381*2*8703*1*8709*1*8710*1*8711*2*8715*1*8717*1
SDQ*EA**8743*1*8746*1*8749*1*8803*1*8813*1*8815*4*8818*1*8821*2*8847*1*8910*1
SDQ*EA**8916*1*9215*1*9228*1*9265*1*9278*1*9528*3*9530*1*9531*1
CTT*2
SE*39*000000001
GE*1*1
IEA*1*000000001