

Toys 'R' Us - Apparel

856 - Advance Ship Notice

FUNCTIONAL GROUP: SH

THIS DRAFT STANDARD FOR TRIAL USE CONTAINS THE FORMAT AND ESTABLISHES THE DATA CONTENTS OF THE SHIP NOTICE/MANIFEST TRANSACTION SET (856) FOR USE WITHIN THE CONTEXT OF AN "ELECTRONIC DATA INTERCHANGE (EDI) ENVIRONMENT. THE TRANSACTION SET CAN BE USED TO LIST THE CONTENTS OF A SHIPMENT OF GOODS AS WELL AS ADDITIONAL INFORMATION RELATING TO THE SHIPMENT, SUCH AS ORDER INFORMATION, PRODUCT DESCRIPTION, PHYSICAL CHARACTERISTICS, TYPE OF PACKAGING, MARKING, CARRIER INFORMATION, AND CONFIGURATION OF GOODS WITHIN THE TRANSPORTATION EQUIPMENT. THE TRANSACTION SET ENABLES THE SENDER TO DESCRIBE THE CONTENTS AND CONFIGURATION OF A SHIPMENT IN VARIOUS LEVELS OF DETAIL AND PROVIDES AN ORDERED FLEXIBILITY TO CONVEY INFORMATION. THE SENDER OF THIS TRANSACTION IS THE ORGANIZATION RESPONSIBLE FOR DETAILING AND COMMUNICATING THE CONTENTS OF A SHIPMENT, OR SHIPMENTS, TO ONE OR MORE RECEIVERS OF THE TRANSACTION SET. THE RECEIVER OF THIS TRANSACTION SET CAN BE ANY ORGANIZATION HAVING AN INTEREST IN THE CONTENTS OF A SHIPMENT OR INFORMATION ABOUT THE CONTENTS OF A SHIPMENT.

CONTROL

ISA	INTERCHANGE CONTROL HEADER	MANDATORY	1
GS	FUNCTIONAL GROUP HEADER	MANDATORY	1

HEADING - TABLE 1

010	ST	TRANSACTION SET HEADER	MANDATORY	1
020	BSN	BEGINNING SEGMENT FOR SHIP NOTICE	MANDATORY	1

DETAIL - TABLE 2

<i>LOOP-ID - HL (SHIPMENT DETAIL LEVEL)</i>			<i>LOOP REPEAT</i>	<i>200000</i>
010	HL	HIERARCHICAL LEVEL - SHIPMENT	MANDATORY	1
110	TD1	CARRIER DETAILS (QUANTITY AND WEIGHT)	MANDATORY	20
120	TD5	CARRIER DETAILS (ROUTING SEQUENCE/TRANSIT)	MANDATORY	12
130	TD3	CARRIER DETAILS (EQUIPMENT)	MANDATORY	12
150	REF	REFERENCE IDENTIFICATION	MANDATORY	>1
200	DTM	DATE/TIME REFERENCE	MANDATORY	10
<i>LOOP-ID - N1</i>			<i>LOOP REPEAT</i>	<i>200</i>
220	N1	NAME	MANDATORY	1
<i>LOOP-ID - HL (ORDER/STORE LEVEL)</i>			<i>LOOP REPEAT</i>	<i>20000</i>
010	HL	HIERARCHICAL LEVEL - ORDER/STORE	MANDATORY	1
050	PRF	PURCHASE ORDER REFERENCE	MANDATORY	1
<i>LOOP-ID - HL (PACK/CARTON LEVEL)</i>			<i>LOOP REPEAT</i>	<i>200000</i>
010	HL	HIERARCHICAL LEVEL - PACK/CARTON	MANDATORY	1
190	MAN	MARKS AND NUMBERS	MANDATORY	>1
<i>LOOP-ID - HL (ITEM LEVEL)</i>			<i>LOOP REPEAT</i>	<i>200000</i>
010	HL	HIERARCHICAL LEVEL - ITEM	MANDATORY	1
020	LIN	ITEM IDENTIFICATION	MANDATORY	1
030	SN1	ITEM DETAIL (SHIPMENT)	MANDATORY	1
060	PO4	ITEM PHYSICAL DETAIL	MANDATORY	1
070	PID	PRODUCT/ITEM DESCRIPTION	MANDATORY	200

SUMMARY - TABLE 3

070	CTT	TRANSACTION TOTALS	MANDATORY	1
020	SE	TRANSACTION SET TRAILER	MANDATORY	1

CONTROL

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
ISA-01	I01	AUTHORIZATION INFORMATION QUAL	M	ID	2/2	
ISA-02	I02	AUTHORIZATION INFORMATION ID	M	AN	10/10	
ISA-03	I03	SECURITY QUALIFIER	M	ID	2/2	
ISA-04	I04	SECURITY INFORMATION	M	AN	10/10	
ISA-05	I05	INTERCHANGE SEND QUALIFIER	M	ID	2/2	T/P Qualifier
ISA-06	I06	INTERCHANGE SEND ID	M	ID	15/15	T/P Send ID
ISA-07	I05	INTERCHANGE RECEIVER QUALIFIER	M	ID	2/2	"01" = Apparel Test Qualifier "12" = Apparel Prod Qualifier
ISA-08	I07	INTERCHANGE RECEIVER ID	M	ID	15/15	"KRUTEST" = Apparel Test ID "2015996907" = Apparel Prod ID
ISA-09	I08	INTERCHANGE DATE	M	DT	6/6	Date of Interchange (YYMMDD)
ISA-10	I09	INTERCHANGE TIME	M	TM	4/4	Time of Interchange (HHMM)
ISA-11	I10	INTERCHANGE STANDARD ID	M	ID	1/1	"U"
ISA-12	I11	INTERCHANGE VERSION ID	M	ID	5/5	"00400"
ISA-13	I12	INTERCHANGE CONTROL NO.	M	NO	9/9	Number assigned by sender
ISA-14	I13	ACKNOWLEDGEMENT REQUESTED	M	ID	1/1	"0"
ISA-15	I14	USAGE INDICATOR	M	ID	1/1	Test = "T"; Production = "P";
ISA-16	I15	SUBELEMENT SEPARATOR	M	ID	1/1	" > "

EXAMPLE:

ISA*00* *00* *01*YOUR-ID-HERE *12*2015996907 *071003*0804*U*00400*000001042*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
GS-01	479	FUNCTIONAL GROUP ID	M	ID	2/2	"SH"
GS-02	142	APPLICATION SENDER'S CODE	M	ID	02/12	CODE IDENTIFYING PARTY SENDING TRANS.
GS-03	124	APPLICATION RECEIVER'S CODE	M	ID	10/10	TEST = "KRUTEST" PROD = "2015996907"
GS-04	29	DATA INTERCHANGE DATE	M	DT	8/8	DATE DATA GENERATED
GS-05	30	DATA INTERCHANGE TIME	M	DT	4/4	TIME DATA GENERATED
GS-06	28	TRANSMISSION CONTROL NUMBER	M	NO	5/9	WILL START WITH "1", INCREMENTING BY "1" FOR SUCCESSIVE BATCHES TO "99999" THEN RESETTING TO "1".
GS-07	455	RESPONSIBLE AGENCY CODE	M	ID	1/1	"X"
GS-08	480	VERSION	M	ID	6/6	"004010"

EXAMPLE:

GS*SH*YOUR-ID-HERE*2015996907*20071003*0804*000001042*X*004010

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ST – TRANSACTION 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.

DATA ELEMENT SUMMARY

REF DES	ELEMID	ELEMENT NAME	ATTRIBUTES			DESCRIPTION
ST-01	143	TRANSACTION SET ID CODE	M	ID	3/3	"856" = SHIP/NOTICE MANIFEST
ST-02	329	TRANSACTION SET CONTROL No.	M	AN	4/9	IDENTIFYING CONTROL NUMBER ASSIGNED BY THE ORIGINATOR FOR A TRANSACTION SET.

EXAMPLE:

ST*856*0001

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BSN – BEGINNING SEGMENT FOR SHIP NOTICE

POSITION: 020
LOOP:
LEVEL: HEADING
USAGE: MANDATORY
MAX USE: 1
PURPOSE: TO TRANSMIT IDENTIFYING NUMBERS, DATES, AND OTHER BASIC DATA RELATING TO THE TRANSACTION SET.

DATA ELEMENT SUMMARY

REF DES	ELEMID	ELEMENT NAME	ATTRIBUTES			DESCRIPTION
BSN-01	353	TRANSACTION SET PURPOSE CODE	M	ID	2/2	"00" = ORIGINAL
BSN-02	396	SHIPMENT IDENTIFICATION NUMBER	M	AN	2/30	A UNIQUE CONTROL NUMBER ASSIGNED BY THE ORIGINAL SHIPPER TO IDENTIFY A SPECIFIC SHIPMENT.
BSN-03	373	DATE	M	DT	8/8	DATE EXPRESSED AS CCYYMMDD
BSN-04	337	TIME	M	TM	4/8	TIME EXPRESSED IN 24-HR CLOCK TIME AS FOLLOWS: HHMM OR HHMMSS OR HHMMSSDD
BSN-05	1005	HIERARCHICAL STRUCTURE CODE	M	ID	4/4	"0001" = PICK & PACK FORMAT

NOTE: TOYS R US - APPAREL CAN ONLY CAPTURE THE 15 RIGHT-MOST NON-BLANK CHARACTERS OF THE SHIPMENT ID (BSN-02). INCREMENTING THE RIGHT-MOST DIGITS OF THIS VALUE WILL ENSURE THAT EACH SHIPMENT ID IS RECOGNIZED AS BEING UNIQUE. PLEASE DO NOT VARY THE SHIPMENT ID BY INCREMENTING THE LEFT-MOST DIGITS, UNLESS THOSE DIGITS ARE INCLUDED AMONG THE 15 RIGHT-MOST DIGITS.

EXAMPLE:

BSN*00*9349006325*20071003*0304*0001

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HL – HIERARCHICAL LEVEL

POSITION: 010
LOOP: HL – *SHIPMENT LEVEL*
LEVEL: DETAIL
USAGE: MANDATORY
MAX USE: 1
PURPOSE: TO IDENTIFY DEPENDENCIES AMONG AND THE CONTENT OF HIERARCHICALLY RELATED GROUPS OF DATA SEGMENTS.

DATA ELEMENT SUMMARY

REF DES	ELEMID	ELEMENT NAME	ATTRIBUTES			DESCRIPTION
HL-01	628	HIERARCHICAL ID NUMBER	M	AN	1/12	A UNIQUE NUMBER ASSIGNED BY THE SENDER TO IDENTIFY A PARTICULAR DATA SEGMENT IN A HIERARCHICAL STRUCTURE.
HL-02	734	HIERARCHICAL PARENT ID NUMBER	O	AN	1/12	IDENTIFICATION NUMBER OF THE NEXT HIGHER HIERARCHICAL DATA SEGMENT THAT THE DATA SEGMENT BEING DESCRIBED IS SUBORDINATE TO.
HL-03	735	HIERARCHICAL LEVEL CODE	M	ID	1/2	"S" = SHIPMENT DETAIL LEVEL

EXAMPLE:

HL*1S**

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TD1 – CARRIER DETAILS (Quantity and Weight)

POSITION: 110
LOOP: HL - *SHIPMENT LEVEL*
LEVEL: DETAIL
USAGE: MANDATORY
MAX USE: 20
PURPOSE: TO SPECIFY THE TRANSPORTATION DETAILS RELATIVE TO COMMODITY, WEIGHT, AND QUANTITY.

DATA ELEMENT SUMMARY

REF DES	ELEMID	ELEMENT NAME	ATTRIBUTES			DESCRIPTION
TD1-01	103	PACKAGING CODE	M	AN	5/5	"CTN25" = CORRUGATED CARTON
TD1-02	80	LADING QUANTITY	M	NO	1/7	NUMBER OF CARTONS IN THE SHIPMENT
TD1-06	187	WEIGHT QUALIFIER	M	ID	1/2	"G" = GROSS WEIGHT QUALIFIER
TD1-07	81	WEIGHT	M	R	1/10	TOTAL SHIPMENT GROSS WEIGHT
TD1-08	355	UNIT OF MEASURE CODE	M	ID	2/2	"LB" = POUNDS

EXAMPLE:

TD1*CTN25*4**G*79.39*LB**

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TD5 – CARRIER DETAILS (Routing Sequence/Transit Time)

POSITION: 120
LOOP: HL - *SHIPMENT LEVEL*
LEVEL: DETAIL
USAGE: MANDATORY
MAX USE: 12
PURPOSE: TO SPECIFY THE CARRIER AND SEQUENCE OF ROUTING AND PROVIDE TRANSIT TIME INFORMATION.

DATA ELEMENT SUMMARY

REF DES	ELEMID	ELEMENT NAME	ATTRIBUTES			DESCRIPTION
TD5-01	133	ROUTING SEQUENCE CODE	M	ID	1/2	"O" = ORIGIN CARRIER
TD5-02	66	ID CODE QUALIFIER	M	ID	1/2	"2" = STANDARD CARRIER ALPHA CODE
TD5-03	67	CARRIER ID CODE	M	ID	2/17	CARRIER'S SCAC CODE
TD5-04	91	TRANSPORTATION METHOD TYPE CD	M	ID	1/2	"M" = MOTOR TYPE OF TRANSPORTATION USED FOR THE SHIPMENT
TD505	387	ROUTING – CARRIER'S IDENTIFY	M	AN	1/35	CARRIER'S NAME

EXAMPLE:

TD5*O*2*WXYZ*M*WXYZ FREIGHT

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TD3 – CARRIER DETAILS (Equipment)

POSITION: 130
LOOP: HL - *SHIPMENT LEVEL*
LEVEL: DETAIL
USAGE: OPTIONAL
MAX USE: 12
PURPOSE: TO SPECIFY TRANSPORTATION DETAILS RELATING TO THE EQUIPMENT USED BY THE CARRIER.

DATA ELEMENT SUMMARY

REF DES	ELEMID	ELEMENT NAME	ATTRIBUTES			DESCRIPTION
TD3-01	40	EQUIPMENT DESCRIPTION CODE	M	ID	2/2	"TL" = TRAILER CODE TO IDENTIFY EQUIPMENT USED FOR SHIPMENT
TD3-02	206	EQUIPMENT INITIAL	M	AN	1/4	PREFIX OR ALPHA PART OF EQUIPMENT UNIT'S IDENTIFYING NUMBER
TD3-03	207	EQUIPMENT NUMBER	M	AN	1/10	SEQUENCING OR SERIAL PART OF AN EQUIPMENT UNIT'S IDENTIFYING NUMBER (PURE NUMERIC FORM FOR EQUIPMENT NUMBER IS PREFERRED)

EXAMPLE:

TD3*TL*WXYZ*221809

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REF – REFERENCE NUMBERS

POSITION: 150
LOOP: HL - *SHIPMENT LEVEL*
LEVEL: DETAIL
USAGE: MANDATORY
MAX USE: >1
PURPOSE: TO SPECIFY IDENTIFYING INFORMATION.

DATA ELEMENT SUMMARY

REF DES	ELEMID	ELEMENT NAME	ATTRIBUTES			DESCRIPTION
REF-01	128	NAME	M	ID	2/2	"CN" = CARRIER'S PRO NUMBER QUALIFIER
REF-02	127	REFERENCE NUMBER	M	AN	1/30	CARRIER'S PRO NUMBER

EXAMPLE:

REF*CN*12990007764

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DTM – DATE / TIME REFERENCE

POSITION: 200
LOOP: HL - *SHIPMENT LEVEL*
LEVEL: DETAIL
USAGE: MANDATORY
MAX USE: 10
PURPOSE: TO SPECIFY PERTINENT DATES AND TIMES.

DATA ELEMENT SUMMARY

REF DES	ELEM I D	ELEMENT NAME	ATTRIBUTES			DESCRIPTION
DTM-01	374	DATE/TIME QUALIFIER	M	ID	3/3	"011" = SHIP DATE "067" = SCHEDULE DELIVERY DATE CODE SPECIFYING TYPE OF DATE OR TIME, OR BOTH DATE AND TIME.
DTM-02	373	DATE	M	DT	8/8	DATE EXPRESSED AS "CCYYMMDD"

EXAMPLE:

DTM*011*20071002
DTM*067*20071006

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N1 – NAME INFORMATION

POSITION: 220
LOOP: N1 (HL - *SHIPMENT LEVEL*)
LEVEL: DETAIL
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
N1-01	98	ENTITY ID CODE	M	ID	2/2	"SF" = SHIP-FROM LOCATION "ST" = SHIP-TO LOCATION
N1-02	93	NAME	M	AN	1/35	WHEN N1-01 = "SF" FREE-FORM NAME WHEN N1-01 = "ST" APPAREL 4-DIGIT AREA #
N1-03	66	ID CODE QUALIFIER	M	ID	1/2	"9" = D-U-N-S OR D-U-N-S PLUS 4
N1-04	67	ID CODE	M	AN	2/13	WHEN N1-01 = "SF" SHIP-FROM D-U-N-S WHEN N1-01 = "ST" APPAREL D-U-N-S + 4-DIGIT AREA #

EXAMPLE:

N1*SF*VENDOR NAME*9*123456789

N1*ST*1301*9*0643364721301

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HL – HIERARCHICAL LEVEL

POSITION: 010
LOOP: HL – *ORDER/STORE LEVEL*
LEVEL: DETAIL
USAGE: MANDATORY
MAX USE: >1
PURPOSE: TO IDENTIFY DEPENDENCIES AMONG AND THE CONTENT OF HIERARCHICALLY RELATED GROUPS OF DATA SEGMENTS.

DATA ELEMENT SUMMARY

REF DES	ELEMID	ELEMENT NAME	ATTRIBUTES			DESCRIPTION
HL-01	628	HIERARCHICAL ID NUMBER	M	AN	1/12	A UNIQUE NUMBER ASSIGNED BY THE SENDER TO IDENTIFY A PARTICULAR DATA SEGMENT IN A HIERARCHICAL STRUCTURE.
HL-02	734	HIERARCHICAL PARENT ID NUMBER	M	AN	1/12	IDENTIFICATION NUMBER OF THE NEXT HIGHER HIERARCHICAL DATA SEGMENT THAT THE DATA SEGMENT BEING DESCRIBED IS SUBORDINATE TO.
HL-03	735	HIERARCHICAL LEVEL CODE	M	ID	1/2	"O" = ORDER DETAIL LEVEL

EXAMPLE:

HL*2*1*O

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PRF – PURCHASE ORDER REFERENCE

POSITION: 050
LOOP: HL – *ORDER/STORE LEVEL*
LEVEL: DETAIL
USAGE: MANDATORY
MAX USE: 1
PURPOSE: TO PROVIDE REFERENCE TOA SPECIFIC PURCHASE ORDER.

DATA ELEMENT SUMMARY

REF DES	ELEMID	ELEMENT NAME	ATTRIBUTES			DESCRIPTION
PRF-01	324	PURCHASE ORDER NUMBER	M	AN	8	APPAREL PURCHASE ORDER NUMBER
PRF-04	323	PURCHASE ORDER DATE	M	DT	8/8	DATE EXPRESSED AS "CCYYMMDD"

EXAMPLE:

PRF*13691882*20070919**

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HL – HIERARCHICAL LEVEL

POSITION: 010
LOOP: HL – *PACK/CARTON LEVEL*
LEVEL: DETAIL
USAGE: MANDATORY
MAX USE: 1
PURPOSE: TO IDENTIFY DEPENDENCIES AMONG AND THE CONTENT OF HIERARCHICALLY RELATED GROUPS OF DATA SEGMENTS.

DATA ELEMENT SUMMARY

REF DES	ELEMID	ELEMENT NAME	ATTRIBUTES			DESCRIPTION
HL-01	628	HIERARCHICAL ID NUMBER	M	AN	1/12	A UNIQUE NUMBER ASSIGNED BY THE SENDER TO IDENTIFY A PARTICULAR DATA SEGMENT IN A HIERARCHICAL STRUCTURE.
HL-02	734	HIERARCHICAL PARENT ID NUMBER	O	AN	1/12	IDENTIFICATION NUMBER OF THE NEXT HIGHER HIERARCHICAL DATA SEGMENT THAT THE DATA SEGMENT BEING DESCRIBED IS SUBORDINATE TO.
HL-03	735	HIERARCHICAL LEVEL CODE	M	ID	1/2	"P" = PACK LEVEL
HL-04	736	HIERARCHICALCHILD CODE	O	ID	1/1	CODE INDICATING IF THERE ARE HIERARCHICAL CHILD DATA SEGMENTS SUBORDINATE TO THE LEVEL BEING DESCRIBED.

EXAMPLE:

HL*3*2*P

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MAN – MARKS AND NUMBERS

POSITION: 190
LOOP: HL – *PACK/CARTON LEVEL*
LEVEL: DETAIL
USAGE: MANDATORY
MAX USE: >1
PURPOSE: TO INDICATE IDENTIFYING MARKS AND NUMBERS FOR SHIPPING CONTAINERS.

DATA ELEMENT SUMMARY

REF DES	ELEM I D	ELEMENT NAME	ATTRIBUTES			DESCRIPTION
MAN-01	88	MARKS AND NUMBERS QUALIFIER	M	ID	1/2	"GM" = GENERAL MERCHANDISE CODE SPECIFYING THE APPLICATION OR SOURCE OF MARKS AND NUMBERS.
MAN-02	87	MARKS AND NUMBERS	M	AN	1/20	MARKS AND NUMBERS USED TO IDENTIFY A SHIPMENT OR PARTS OF A SHIPMENT. (UCC/EAN 128 SSCC)

NOTE: ONLY 1 MAN SEGMENT SHOULD BE SENT PER PACK LOOP.

EXAMPLE:

MAN*GM*00000521777115202111

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HL – HIERARCHICAL LEVEL

POSITION: 010
LOOP: HL – *ITEM LEVEL*
LEVEL: DETAIL
USAGE: MANDATORY
MAX USE: 1
PURPOSE: TO IDENTIFY DEPENDENCIES AMONG AND THE CONTENT OF HIERARCHICALLY RELATED GROUPS OF DATA SEGMENTS.

DATA ELEMENT SUMMARY

REF DES	ELEMID	ELEMENT NAME	ATTRIBUTES			DESCRIPTION
HL-01	628	HIERARCHICAL ID NUMBER	M	AN	1/12	A UNIQUE NUMBER ASSIGNED BY THE SENDER TO IDENTIFY A PARTICULAR DATA SEGMENT IN A HIERARCHICAL STRUCTURE.
HL-02	734	HIERARCHICAL PARENT ID NUMBER	M	AN	1/12	IDENTIFICATION NUMBER OF THE NEXT HIGHER HIERARCHICAL DATA SEGMENT THAT THE DATA SEGMENT BEING DESCRIBED IS SUBORDINATE TO.
HL-03	735	HIERARCHICAL LEVEL CODE	M	ID	1/2	"I" = ITEM LEVEL

EXAMPLE:

HL*4*3*I

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LIN – ITEM IDENTIFICATION

POSITION: 020
LOOP: HL – *ITEM LEVEL*
LEVEL: DETAIL
USAGE: MANDATORY
MAX USE: 1
PURPOSE: TO SPECIFY BASIC ITEM IDENTIFICATION DATA.

DATA ELEMENT SUMMARY

REF DES	ELEMID	ELEMENT NAME	ATTRIBUTES			DESCRIPTION
LIN-02	235	PRODUCT/SERVICE ID QUALIFIER	M	ID	2/2	"IT" = BUYER'S STYLE NUMBER
LIN-03	234	PRODUCT/SERVICE ID	M	AN	12/12	APPAREL SKN (APPAREL ITEM NUMBER + COLOR/SIZE/CHECK DIGIT CODE)
LIN-04	235	PRODUCT/SERVICE ID QUALIFIER	M	ID	2/2	"UP" = UPC PACKAGE CODE (1-5-5-1) OR "UA" = UPC CASE CODE (2-5-5) OR "VC" = VENDOR'S CATALOG NUMBER
LIN-05	234	PRODUCT/SERVICE ID	M	AN	12/12	12 DIGIT UPC

NOTE: THE APPAREL SKN MUST BE A CONCATENATION OF THE APPAREL ITEM NUMBER (PURCHASE ORDER ELEMENT PO1-07) FOLLOWED BY **EITHER** THE ITEM COLOR/SIZE/CHECK DIGIT CODE (P.O. ELEMENT PO1-13) **OR** THE ASSORTMENT COLOR/SIZE/CHECK DIGIT CODE (P.O. ITEM-LEVEL ELEMENT SAC-14), DEPENDING ON WHETHER THE SIZE UPC OR MASTER UPC IS BEING SENT.

FOR "BY COLOR" ORDERS:

* IF SENDING THE **ITEM COLOR/SIZE** (AS SENT IN THE PO1-13 OF THE P.O.) AS PART OF THE APPAREL SKN, ALONG WITH THE **SIZE UPC** (AS SENT IN THE PO1-11 OF THE P.O.), MULTIPLE ITEM LOOPS (ONE FOR EACH VARIETY WITHIN THE INNER PACK) ARE REQUIRED PER PACK-LEVEL MAN SEGMENT. (SEE EDI SAMPLE ON PG. 26)

* IF SENDING THE ASSORTMENT COLOR/SIZE (AS SENT IN THE ITEM-LEVEL SAC-14 OF THE P.O.) AS PART OF THE APPAREL SKN, ALONG WITH THE **MASTER UPC** (AS SENT IN THE ITEM-LEVEL SAC-15 IN THE P.O.), ONLY 1 ITEM LOOP (HL/LIN/SN1/PO4/PID) IS REQUIRED PER PACK-LEVEL MAN SEGMENT. (SEE EDI SAMPLE ON PG. 26)

EXAMPLE:

LINIT*582975000157*UP*873300320210 (Item Color/Size & Size UPC)**

LINIT*582975000003*UP*458497000001 (Assortment Color/Size & Master UPC)**

LINIT*291440000018*VC*1234567654321**

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SN1 – ITEM DETAIL (Shipment)

POSITION: 030
LOOP: HL – *ITEM LEVEL*
LEVEL: DETAIL
USAGE: MANDATORY
MAX USE: 1
PURPOSE: TO SPECIFY LINE-ITEM DETAIL RELATIVE TO SHIPMENT.

DATA ELEMENT SUMMARY

REF DES	ELEMID	ELEMENT NAME	ATTRIBUTES			DESCRIPTION
SN1-02	382	NUMBER UNITS SHIPPED	M	R	1/10	NUMERIC VALUE OF UNITS SHIPPED IN MANUFACTURER'S SHIPPING UNITS FOR A LINE ITEM OR TRANSACTION SET. * THIS WILL BE THE NUMBER OF UNITS OF THE SPECIFIED 12-DIGIT SKN WITHIN THE CARTON.
SN1-03	355	UNIT OF MEASUREMENT CODE	M	ID	2/2	"EA" = EACHES CODE SPECIFYING THE UNITS IN WHICH A VALUE IS BEING EXPRESSED, OR MANNER IN WHICH A MEASUREMENT HAS BEEN TAKEN.

EXAMPLE:

SN14*EA**

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PO4 – ITEM PHYSICAL DETAILS

POSITION: 060
LOOP: HL – *ITEM LEVEL*
LEVEL: DETAIL
USAGE: MANDATORY
MAX USE: 1
PURPOSE: TO SPECIFY THE PHYSICAL QUALITIES, PACKAGING, WEIGHTS, AND DIMENSIONS RELATING TO THE ITEM.

DATA ELEMENT SUMMARY

REF DES	ELEMID	ELEMENT NAME	ATTRIBUTES			DESCRIPTION
PO4-01	356	PACK	M	N0	1/6	NUMBER OF PIECES PER INNER PACK. (IMPORTANT: SEE NOTE BELOW)
PO4-08	385	GROSS VOLUME PER PACK	M	R	1/9	GROSS VOLUME PER PACK
PO4-09	355	UNIT OF MEASURE CODE	M	ID	2/2	"CF" = CUBIC FEET

NOTE: THE VALUE THAT IS RETURNED IN THE PO4-01 MUST BE THE "INNER PACK" VALUE AS SENT IN THE ITEM-LEVEL PO4-14 IN THE PURCHASE ORDER, **NOT** THE "PACK" VALUE FROM THE PO4-01.

EXAMPLE:

PO4*12***1.26*CF**

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PID – PRODUCT / ITEM DESCRIPTION

POSITION: 070
LOOP: HL – *ITEM LEVEL*
LEVEL: DETAIL
USAGE: MANDATORY
MAX USE: 200
PURPOSE: TO DESCRIBE A PRODUCT OR PROCESS IN CODED OR FREE-FORM FORMAT.

DATA ELEMENT SUMMARY

REF DES	ELEMID	ELEMENT NAME	ATTRIBUTES			DESCRIPTION
PID-01	349	ITEM DESCRIPTION TYPE	M	ID	1/1	"F" = FREE FORM
PID-05	352	DESCRIPTION	M	AN	1/45	PRODUCT DESCRIPTION

NOTE: DO NOT SEND MORE THAN 1 PID SEGMENT PER ITEM LOOP.

EXAMPLE:

PID*F****BENGALS-FLEECE SET

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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
CTT-01	354	NUMBER OF LINE ITEMS	M	NO	1/6	TOTAL NUMBER OF LINE ITEMS IN THE TRANSACTION SET.

EXAMPLE:

CTT*3

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SE – TRANSACTION SET TRAILER

POSITION:

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
SE-01	96	NUMBER OF SEGMENTS	M	NO	1/6	TOTAL NUMBER OF SEGMENTS INCLUDED IN THE TRANSACTION SET INCLUDING ST AND SE SEGMENTS.
SE-02	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*48*0001

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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
GE-01	97	NUMBER OF INCLUDED SETS	M	N0	1/6	
GE-02	28	DATA INTERCHANGE CONTROL No.	M	N0	1/9	

EXAMPLE:

GE*1*1042

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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
IEA-01	I16	NUMBER OF INCLUDED GROUPS	M	N0	1/5	
IEA-02	I12	INTERCHANGE CONTROL No.	M	N0	9/9	

EXAMPLE:

IEA*1*000001042

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SAMPLE 856 EDI ("by color" order):

ISA*00* *00* *01*YOUR-ID-HERE *12*2015996907 *071003*0804*U*00400*000001042*0*P*>
GS*SH*YOUR-ID-HERE*2015996907*20071030*0804*1042*X*004010
ST*856*0001
BSN*00*9349006325*20071003*0304*0001
HL*1**S
TD1*CTN25*2****G*6.26*LB
TD5*O*2*WXYZ*M*WXYZ FREIGHT
TD3*TL*WXYZ*221809
REF*CN*12990007764
DTM*011*20071030
DTM*067*20071103
N1*SF*VENDOR NAME*9*123456789
N1*ST*1301*9*0643364721301
HL*2*1*O
PRF*13691882***20070919

(using Item Color/Size & Size UPC) **OR:** (using Assortment Color/Size & Master UPC)

HL*3*2*P
MAN*GM*0000052177711520211
HL*4*3*I
LIN**IT*582975000157*UP*873300320210
SN1**4*EA
PO4*12*****1.26*CF
PID*F****BENGALS-FLEECE SET
HL*5*3*I
LIN**IT*582975000165*UP*873300320227
SN1**4*EA
PO4*12*****1.26*CF
PID*F****BENGALS-FLEECE SET
HL*6*3*I
LIN**IT*582975000173*UP*873300320234
SN1**4*EA
PO4*12*****1.26*CF
PID*F****BENGALS-FLEECE SET
HL*7*2*P
MAN*GM*0000052177711520222
HL*8*7*I
LIN**IT*582975000157*UP*873300320210
SN1**4*EA
PO4*12*****1.26*CF
PID*F****BENGALS-FLEECE SET
HL*9*7*I
LIN**IT*582975000165*UP*873300320227
SN1**4*EA
PO4*12*****1.26*CF
PID*F****BENGALS-FLEECE SET
HL*10*7*I
LIN**IT*582975000173*UP*873300320234
SN1**4*EA
PO4*12*****1.26*CF
PID*F****BENGALS-FLEECE SET
CTT*6
SE*48*0001
GE*1*1042
IEA*1*000001042

HL*3*2*P
MAN*GM*0000052177711520211
HL*4*3*I
LIN**IT*582975000003*UP*458497000001
SN1**12*EA
PO4*12*****1.26*CF
PID*F****BENGALS-FLEECE SET
HL*5*2*P
MAN*GM*0000052177711520222
HL*6*5*I
LIN**IT*582975000003*UP*458497000001
SN1**12*EA
PO4*12*****1.26*CF
PID*F****BENGALS-FLEECE SET
CTT*2
SE*29*0001
GE*1*1042
IEA*1*000001042

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SAMPLE 856 EDI ("by size" order):

ISA*00* *00* *01*YOUR-ID-HERE *12*2015996907 *071003*0804*U*00400*000001042*0*P*>
GS*SH*YOUR-ID-HERE*2015996907*20071003*0804*1042*X*004010
ST*856*0001
BSN*00*9349006326*20071003*0304*0001
HL*1**S
TD1*CTN25*3****G*79.39*LB
TD5*O*2*WXYZ*M*WXYZ FREIGHT
TD3*TL*WXYZ*221809
REF*CN*12990007764
DTM*011*20071030
DTM*067*20071103
N1*SF*VENDOR NAME*9*123456789
N1*ST*1301*9*0643364721301
HL*2*1*O
PRF*13691883***20070919
HL*3*2*P
MAN*GM*00000521777115202111
HL*4*3*I
LIN**IT*095040000343*UP*075338976129
SN1**24*EA
PO4*4*****1*CF
PID*F****BOYS S BRIEF TYPES
HL*5*2*P
MAN*GM*0000052177711520222
HL*6*5*I
LIN**IT*095040000343*UP*075338976129
SN1**24*EA
PO4*4*****1*CF
PID*F****BOYS S BRIEF TYPES
HL*7*2*P
MAN*GM*00000521777115202333
HL*8*7*I
LIN**IT*095040000343*UP*075338976129
SN1**24*EA
PO4*4*****1*CF
PID*F****BOYS S BRIEF TYPES
CTT*3
SE*43*0001
GE*1*1042
IEA*1*000001042

NOTE: The 2 sample ASNs above depict exactly how the 2 sample Purchase Orders on the last 2 pages of the TRU Apparel Purchase Order Implementation Guide would be transmitted.