

Toys 'R' Us

856 - Pick & Pack 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 "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.

HEADING - TABLE 1

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

DETAIL - TABLE 2

LOOP-ID - HL (SHIPMENT DETAIL LEVEL)			LOOP REPEAT	2000000
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)	OPTIONAL	12
150	REF	REFERENCE IDENTIFICATION	MANDATORY	>1
200	DTM	DATE/TIME REFERENCE	OPTIONAL	10
210	FOB	F.O.B. RELATED INSTRUCTIONS	MANDATORY	1
LOOP-ID - N1			LOOP REPEAT	200
220	N1	NAME	MANDATORY	1
240	N3	ADDRESS INFORMATION	MANDATORY	1
250	N4	GEOGRAPHIC LOCATION	MANDATORY	1
LOOP-ID - HL (ORDER/STORE LEVEL)			LOOP REPEAT	2000000
010	HL	HIERARCHICAL LEVEL - ORDER/LOCATION	MANDATORY	1
050	PRF	PURCHASE ORDER REFERENCE	MANDATORY	1
110	TD1	CARRIER DETAILS (QUANTITY AND WEIGHT)	MANDATORY	20
120	TD5	CARRIER DETAILS (ROUTING SEQUENCE/TRANSIT)	MANDATORY	12
150	REF	REFERENCE IDENTIFICATION	OPTIONAL	>1
LOOP-ID - HL (TARE)			LOOP REPEAT	2000000
010	HL	HIERARCHICAL LEVEL - TARE	OPTIONAL	1
190	MAN	MARKS AND NUMBERS	OPTIONAL	>1
LOOP-ID - HL (PACK)			LOOP REPEAT	2000000
010	HL	HIERARCHICAL LEVEL - PACK	OPTIONAL	1
060	PO4	ITEM PHYSICAL DETAIL	CONDITIONAL	1
190	MAN	MARKS AND NUMBERS	MANDATORY	>1
200	DTM	DATE/TIME REFERENCE	OPTIONAL	10
LOOP-ID - HL (ITEM)			LOOP REPEAT	2000000
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	CONDITIONAL	1

SUMMARY - TABLE 3

070	CTT	TRANSACTION TOTALS	MANDATORY	1
030	SE	TRANSACTION SET 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	T/P Qualifier
ISA06	I06	INTERCHANGE SEND ID	M	ID	15/15	T/P Send ID
ISA07	I05	INTERCHANGE RECEIVER QUALIFIER	M	ID	2/2	"01" = Toys R Us Test Qualifier "12" = Toys R Us Prod Qualifier
ISA08	I07	INTERCHANGE RECEIVER ID	M	ID	15/15	"064336472" = Toys R Us Test ID "6063711145" = Toys R Us Prod 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	N0	9/9	Number assigned by sender
ISA14	I13	ACKNOWLEDGEMENT REQUESTED	M	ID	1/1	"1"
ISA15	I14	USAGE INDICATOR	M	ID	1/1	Test = "T"; Production = "P";
ISA16	I15	SUBELEMENT SEPARATOR	M	ID	1/1	" > "

EXAMPLE:

ISA*00* *00* *12*TP ID *12*6063711145 *000908*1923*U*00400*000000316*1*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	"SH"
GS02	142	APPLICATION SENDER'S CODE	M	ID	02/12	CODE IDENTIFYING PARTY RECEIVING TRANS.
GS03	124	APPLICATION RECEIVER'S CODE	M	ID	10/10	TEST = "064336472" PROD = "6063711145"
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	5/9	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*SH* TP RECV ID *6063711145*20000908*1923*000000316*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	"856" = SHIP/NOTICE MANIFEST
ST02	329	TRANSACTION SET CONTROL No.	M	AN	4/9	IDENTIFYING CONTROL NUMBER ASSIGNED BY THE ORIGINATOR FOR A TRANSACTION SET.

EXAMPLE:

ST*856*56607203

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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 R3LATING TO THE TRANSACTION SET.

DATA ELEMENT SUMMARY

REF DES	ELEMID	ELEMENT NAME	ATTRIBUTES			DESCRIPTION
BSN01	353	TRANSACTION SET PURPOSE CODE	M	ID	2/2	"00" = ORIGINAL
BSN02	396	SHIPMENT IDENTIFICATION NUMBER	M	AN	2/30	A UNIQUE CONTROL NUMBER ASSIGNED BY THE ORIGINAL SHIPPER TO IDENTIFY A SPECIFIC SHIPMENT.
BSN03	373	DATE	M	DT	8/8	DATE EXPRESSED AS CCYYMMDD
BSN04	337	TIME	M	TM	4/8	TIME EXPRESED IN 24-HR CLOCK TIME AS FOLLOWS: HHMM OR HHMMSS OR HHMMSSDD
BSN05	1005	HIERARACHICAL STRUCTURE CODE	M	ID	4/4	"0001" = PICK & PACK STRUCTURE MANDATORY FOR DIRECT TO STORE SHIPMENTS-SHIPMENT, ORDER, PACK, ITEM

EXAMPLE:

BSN*00*234567*20000606*0242*0001

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HL – HIERARCHICAL LEVEL

POSITION: 010
LOOP: HL – *SHIPMENT DETAIL 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
HL01	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.
HL02	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.
HL03	735	HIERARCHICAL LEVEL CODE	M	ID	1/2	"S" = SHIPMENT DETAIL LEVEL

NOTE: THE HL SEGMENT IS THE ONLY MANDATORY SEGMENT WITHIN THE 'HL LOOP', AND BY ITSELF, THE HL SEGMENT HAS NO MEANING.

EXAMPLE:

HL*1**S

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TD1 – CARRIER DETAILS (Quantity and Weight)

POSITION: 110
LOOP: HL
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
TD101	103	PACKAGING CODE	M	ID	3/5	"CTN25" = CARTONS
TD102	80	LADING QUANTITY	M	NO	1/7	NUMBER OF CARTONS IN THE SHIPMENT
TD106	187	WEIGHT QUALIFIER	X	ID	1/2	"G" = GROSS WEIGHT QUALIFIER
TD107	81	WEIGHT	X	R	1/10	TOTAL SHIPMENT GROSS WEIGHT
TD108	355	UNIT OF MEASURE CODE	X	ID	2/2	"LB" = POUNDS
TD109	183	VOLUME	X	R	1/8	TOTAL CUBIC FEET FOR SHIPMENT
TD110	355	UNIT OF MEASURE CODE	X	ID	2/2	"CF" = CUBIC FEET

EXAMPLE:

TD1*CTN25*10****G*200*LB*2953.5744*CF

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TD5 – CARRIER DETAILS (Routing Sequence/Transit Time)

POSITION: 120
LOOP: HL
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
TD502	66	ID CODE QUALIFIER	M	ID	1/2	"2" = STANDARD CARRIER ALPHA CODE
TD503	67	CARRIER ID CODE	M	ID	2/17	CARRIER'S SCAC CODE

EXAMPLE:

TD5*2*RDWY

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TD3 – CARRIER DETAILS (Equipment)

POSITION: 130
LOOP: HL
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
TD301	40	EQUIPMENT DESCRIPTION CODE	M	ID	2/2	"TL" = TRAILER CODE TO IDENTIFY EQUIPMENT USED FOR SHIPMENT
TD302	206	EQUIPMENT INITIAL	M	AN	1/4	PREFIX OR ALPHA PART OF EQUIPMENT UNIT'S IDENTIFYING NUMBER
TD303	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*0987

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REF – REFERENCE NUMBERS

POSITION: 150
LOOP: HL
LEVEL: DETAIL
USAGE: Mandatory
MAX USE: >1
PURPOSE: TO SPECIFY IDENTIFYING INFORMATION.

DATA ELEMENT SUMMARY

REF DES	ELEMID	ELEMENT NAME	ATTRIBUTES			DESCRIPTION
REF01	128	NAME	M	ID	2/2	"BL" = BILL OF LADING NUMBER QUALIFIER
REF02	127	REFERENCE NUMBER	M	AN	1/30	BILL OF LADING NUMBER

EXAMPLE:

REF*BL*12990007764

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REF – REFERENCE NUMBERS

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

DATA ELEMENT SUMMARY

REF DES	ELEMID	ELEMENT NAME	ATTRIBUTES			DESCRIPTION
REF01	128	NAME	M	ID	2/2	"CN" = CARRIER'S PRO/REFERENCE # QUALIFIER
REF02	127	REFERENCE NUMBER	M	AN	1/30	CARRIER'S PRO/REFERENCE NUMBER (CARRIER TRACKING NUMBER)

EXAMPLE:

REF*CN*12990007764

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REF – REFERENCE NUMBERS

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

DATA ELEMENT SUMMARY

REF DES	ELEMID	ELEMENT NAME	ATTRIBUTES			DESCRIPTION
REF01	128	NAME	M	ID	2/2	"RU" = TRU ASSIGNED ROUTING NUMBER QUALIFIER
REF02	127	REFERENCE NUMBER	M	AN	1/12	TRU ASSIGNED ROUTING NUMBER (EMAILED TO THE VENDOR FROM TOYS R US LOGISTICS WHEN A SHIPMENT IS TENDERED.)

EXAMPLE:

REF*RU*DST000000799

NOTE: TRU ASSIGNED ROUTING NUMBER IS REQUIRED FOR COLLECT SHIPMENTS ONLY.

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DTM – DATE / TIME REFERENCE

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

DATA ELEMENT SUMMARY

REF DES	ELEMID	ELEMENT NAME	ATTRIBUTES			DESCRIPTION
DTM01	374	DATE/TIME QUALIFIER	M	ID	3/3	"011" = SHIP DATE QUALIFIER "067" = SCHEDULE DELIVERY DT QUALIFIER CODE SPECIFYING TYPE OF DATE OR TIME, OR BOTH DATE AND TIME.
DTM02	373	DATE	M	DT	8/8	DATE EXPRESSED AS "CCYYMMDD"

EXAMPLE:

DTM*011*20000908
 DTM*067*20000912

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FOB – F.O.B. RELATED INSTRUCTIONS

POSITION: 210
LOOP: HL
LEVEL: DETAIL
USAGE: MANDATORY
MAX USE: 1
PURPOSE: TO SPECIFY TRANSPORTATION INSTRUCTIONS RELATING TO SHIPMENT.

DATA ELEMENT SUMMARY

REF DES	ELEMID	ELEMENT NAME	ATTRIBUTES			DESCRIPTION
FOB01	146	SHIPMENT METHOD OF PAYMENT	M	ID	2/2	"CC" = COLLECT "PP" = PREPAID (BY SELLER)

EXAMPLE:

FOB*CC

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N1 – NAME INFORMATION

POSITION: 220
LOOP: N1
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
N101	98	ENTITY ID CODE	M	ID	2/2	CODE IDENTIFYING AN ORGANIZATIONAL ENTITY. "SF" = SHIP-FROM LOCATION "ST" = SHIP-TO LOCATION
N102	93	NAME	M	AN	1/35	FREE-FORM NAME IF N101 = "SF" TRU SHIP-TO LOCATION IF N101 = "ST"
N103	66	ID CODE QUALIFIER	M	ID	1/2	"9" = DUNS #
N104	67	ID CODE	M	AN	2/13	SHIP-FROM DUN'S NUMBER IF N101 = "SF" TRU DUN'S NUMBER + 4 DIGIT LOCATION # IF N101 = "ST"

EXAMPLE:

N1*SF*NAME*9*9090909090909

N1*ST*1301*9*0643364726301

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N3 – ADDRESS INFORMATION

POSITION:

LOOP: N1 OPTIONAL

LEVEL: HEADING

USAGE: MANDATORY

MAX USE: 1

PURPOSE: TO SPECIFY THE LOCATION OF THE NAMED PARTY.

DATA ELEMENT SUMMARY

REF DES	ELEMID	ELEMENT NAME	ATTRIBUTES			DESCRIPTION
N301	166	ADDRESS INFORMATION	M	AN	1/35	ADDRESS
N302	166	ADDRESS INFORMATION	M	AN	1/35	ADDRESS

EXAMPLE:

N3*1500 GEOFFREY TRIAL*MUST CALL FOR APPT 48 HRS

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N4– GEOGRAPHIC LOCATION

POSITION:

LOOP: N1 OPTIONAL

LEVEL: HEADING

USAGE: MANDATORY

MAX USE: 1

PURPOSE: TO SPECIFY THE GEOGRAPHIC PLACE OF THE NAMED PARTY

DATA ELEMENT SUMMARY

REF DES	ELEMID	ELEMENT NAME	ATTRIBUTES			DESCRIPTION
N401	19	CITY NAME	M	AN	2/19	CITY
N402	156	STATE	M	ID	2/2	STATE
N403	116	ZIP CODE	M	ID	4/9	ZIP CODE

EXAMPLE:

N4*YOUNGSTOWN*OH*445091390

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HL – HIERARCHICAL LEVEL

POSITION: 010
LOOP: HL – *ORDER/STORE LEVEL WITH SHIPMENT*
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
HL01	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.
HL02	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.
HL03	735	HIERARCHICAL LEVEL CODE	M	ID	½	"O" = SHIPMENT DETAIL LEVEL

NOTE: THE HL SEGMENT IS THE ONLY MANDATORY SEGMENT WITHIN THE 'HL LOOP', AND BY ITSELF, THE HL SEGMENT HAS NO MEANING.

EXAMPLE:

HL*2*1*O

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PRF – PURCHASE ORDER REFERENCE

POSITION: 050
LOOP: HL
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
PRF01	324	PURCHASE ORDER NUMBER	M	AN	1/22	TRU P.O. NUMBER 4DIGIT LOCATION No. + 6 DIGIT PO No.
PRF04	323	PURCHASE ORDER DATE	M	DT	8/8	DATE EXPRESSED AS "CCYYMMDD"

EXAMPLE:

PRF*6301123456***20000808

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TD1 – CARRIER DETAILS (Quantity and Weight)

POSITION: 110
LOOP: HL
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
TD101	103	PACKAGING CODE	M	ID	3/5	"CTN25" = CARTONS
TD102	80	LADING QUANTITY	M	NO	1/7	NUMBER OF CARTONS FOR THIS ORDER

EXAMPLE:

TD1*CTN25*10

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TD5 – CARRIER DETAILS (Routing Sequence/Transit Time)

POSITION: 120
LOOP: HL
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
TD506	368	SHIPMENT/ORDER STATUS CODE	M	ID	2/2	"BP" = SHIPMENT PARTIAL, BACK ORDER TO SHIP ON (DATE) "CC" = SHIPMENT COMPLETE ON (DATE) "CP" = PARTIAL SHIPMENT ON (DATE), CONSIDERED NO BACKORDER

EXAMPLE:

TD5*****CC

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REF – REFERENCE NUMBERS

POSITION: 150
LOOP: HL
LEVEL: DETAIL
USAGE: OPTIONAL
MAX USE: >1
PURPOSE: TO SPECIFY IDENTIFYING INFORMATION.

DATA ELEMENT SUMMARY

REF DES	ELEMID	ELEMENT NAME	ATTRIBUTES			DESCRIPTION
REF01	128	NAME	M	ID	2/2	"IV" = SELLER'S INVOICE NUMBER QUALIFIER
REF02	127	REFERENCE NUMBER	X	AN	1/30	YOUR INVOICE NUMBER

EXAMPLE:

REF*IV*12990007764

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HL – HIERARCHICAL LEVEL

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

DATA ELEMENT SUMMARY

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HL02	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.
HL03	735	HIERARCHICAL LEVEL CODE	M	ID	1/2	"T" = TARE LEVEL

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EXAMPLE:

HL*3*2*T

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MAN – MARKS AND NUMBERS

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

DATA ELEMENT SUMMARY

REF DES	ELEMID	ELEMENT NAME	ATTRIBUTES			DESCRIPTION
MAN01	88	MARKS AND NUMBERS QUALIFIER	M	ID	1/2	"W" = PALLET NUMBER CODE SPECIFYING THE APPLICATION OR SOURCE OF MARKS AND NUMBERS.
MAN02	87	MARKS AND NUMBERS	M	AN	1/48	UNIQUE NUMBER FOR EACH PALLET

EXAMPLE:

MAN*W*00123456789876543222

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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.

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HL02	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.
HL03	735	HIERARCHICAL LEVEL CODE	M	ID	1/2	"P" = PACK LEVEL

NOTE: THE HL SEGMENT IS THE ONLY MANDATORY SEGMENT WITHIN THE 'HL LOOP', AND BY ITSELF, THE HL SEGMENT HAS NO MEANING.

EXAMPLE:

HL*4*3*P

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PO4 – ITEM PHYSICAL DETAILS

POSITION: 060
LOOP: HL
LEVEL: DETAIL
USAGE: CONDITIONAL
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
PO401	356	PACK	M	NO	1/6	THE NUMBER OF INNER CONTAINERS, OR NUMBER OF EACHES IF THERE ARE NO INNER CONTAINERS, PER OUTER CONTAINER.

EXAMPLE:

NOTE: PO4 IS REQUIRED AT EITHER THE PACK LEVEL OR THE ITEM LEVEL; IT IS NOT NECESSARY TO USE BOTH.

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MAN – MARKS AND NUMBERS

POSITION: 190
LOOP: HL
LEVEL: DETAIL
USAGE: Mandatory
MAX USE: >1
PURPOSE: TO INDICATE IDENTIFYING MARKS AND NUMBERS FOR SHIPPING CONTAINERS.

DATA ELEMENT SUMMARY

REF DES	ELEMID	ELEMENT NAME	ATTRIBUTES			DESCRIPTION
MAN01	88	MARKS AND NUMBERS QUALIFIER	M	ID	1/2	"CP" = CARRIER ASSIGNED QUALIFIER CODE SPECIFYING THE APPLICATION OR SOURCE OF MARKS AND NUMBERS.
MAN02	87	MARKS AND NUMBERS	M	AN	1/20	CARRIER ASSIGNED MARKS AND NUMBERS USED TO IDENTIFY A SHIPMENT OR PARTS OF A SHIPMENT. UNIQUE NUMBER FOR EACH CARTON
MAN04	88	MARKS AND NUMBERS QUALIFIER	M	ID	1/2	"SM" = SHIPPER ASSIGNED QUALIFIER "GM" = SERIAL SHIPPING CONTAINER CODE CODE SPECIFYING THE APPLICATION OR SOURCE OF MARKS AND NUMBERS.
MAN05	87	MARKS AND NUMBERS	M	AN	1/20	SHIPPER ASSIGNED MARKS AND NUMBERS USED TO IDENTIFY A SHIPMENT OR PARTS OF A SHIPMENT. UNIQUE NUMBER FOR EACH CARTON (UCC/EAN 128 SSCC)

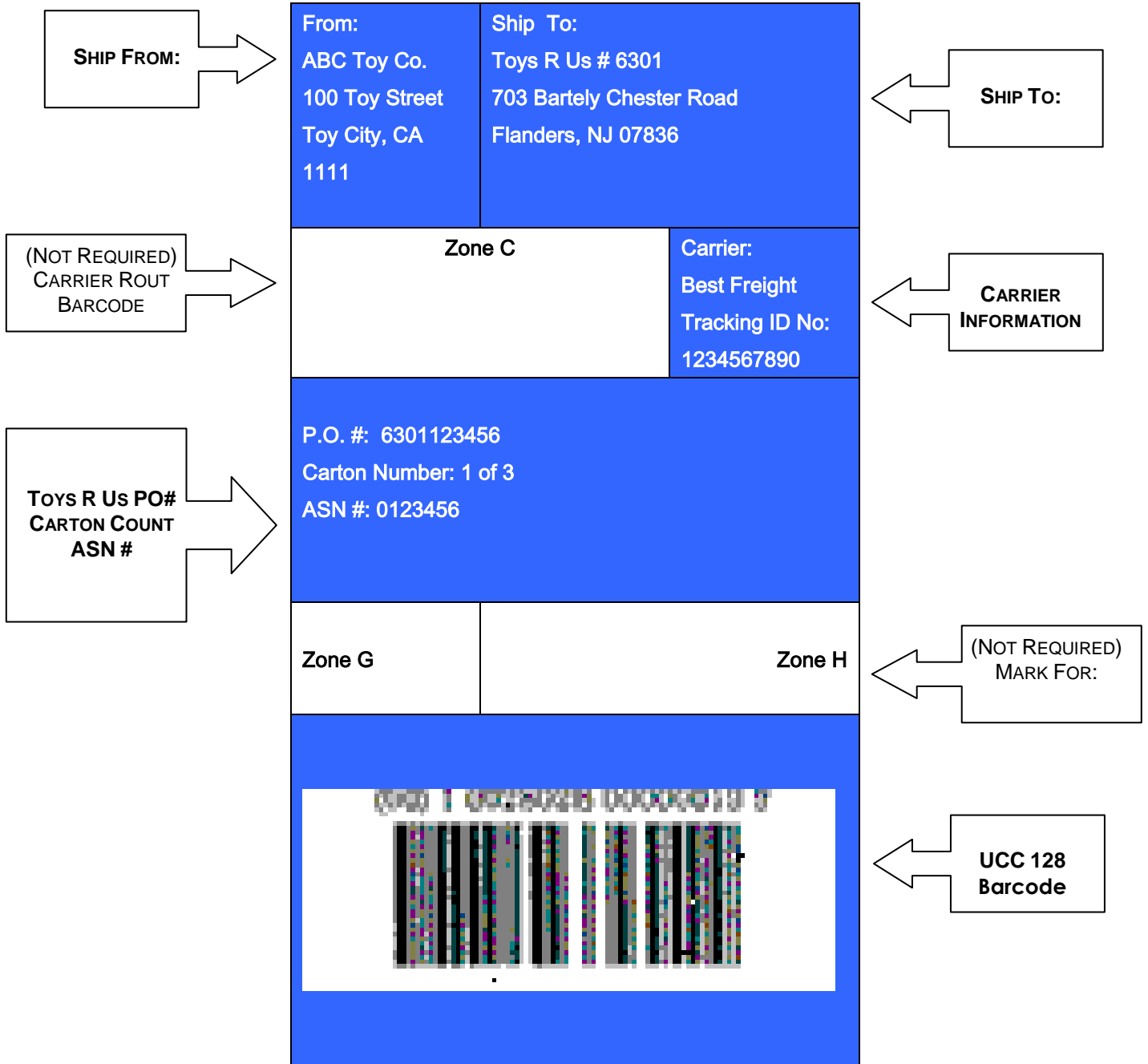
EXAMPLE:

MAN*CP*00123456789876543222**SM*1234567890123456789

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UCC-128 SHIPPING CONTAINER LABEL FORAMT



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DTM – DATE / TIME REFERENCE

POSITION: 200
LOOP: HL
LEVEL: DETAIL
USAGE: OPTIONAL
MAX USE: 10
PURPOSE: TO SPECIFY PERTINENT DATES AND TIMES.

DATA ELEMENT SUMMARY

REF DES	ELEMID	ELEMENT NAME	ATTRIBUTES			DESCRIPTION
DTM01	374	DATE/TIME QUALIFIER	M	ID	3/3	"036" = EXPIRATION DT QUALIFIER CODE SPECIFYING TYPE OF DATE OR TIME, OR BOTH DATE AND TIME.
DTM02	373	DATE	M	DT	8/8	DATE EXPRESSED AS "CCYYMMDD"

EXAMPLE:

DTM*036*20000910

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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
HL01	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.
HL02	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.
HL03	735	HIERARCHICAL LEVEL CODE	M	ID	1/2	"I" = ITEM LEVEL

NOTE: THE HL SEGMENT IS THE ONLY MANDATORY SEGMENT WITHIN THE 'HL LOOP', AND BY ITSELF, THE HL SEGMENT HAS NO MEANING.

EXAMPLE:

HL*3*2*I

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LIN – ITEM IDENTIFICATION

POSITION: 020
LOOP: HL
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	"UP" = UPC CASE CODE QUALIFIER
LIN03	234	PRODUCT/SERVICE ID	M	AN	12/14	UPC CASE CODE WITH CHECK DIGIT (1-5-5-1)
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

NOTE: MUST HAVE A VALID TRU SKN NUMBER AND A VALID UPC/EAN NUMBER.

EXAMPLE:

LIN**UP*078675645342*IT*636654*

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SN1 – ITEM DETAIL (Shipment)

POSITION: 030
LOOP: HL
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
SN102	382	NUMBER UNITS SHIPPED	M	R	1/10	TOTAL PIECES FOR THIS ITEM.
SN103	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:

SN1**200*EA

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PO4 – ITEM PHYSICAL DETAILS

POSITION: 060
LOOP: HL
LEVEL: DETAIL
USAGE: CONDITIONAL
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
PO401	356	PACK	M	N0	1/6	THE NUMBER OF INNER CONTAINERS, OR NUMBER OF EACHES IF THERE ARE NO INNER CONTAINERS, PER OUTER CONTAINER.
PO403	355	UNIT OR BASIS FOR MEASURE	X	ID	2/2	
PO404	103	PACKAGING CODE	M	AN	3/5	CTN25 = CARDBOARD CARTON
PO405	187	WEIGHT QUALIFIER	X	ID	1/2	"G" = GROSS WEIGHT
PO406	384	GROSS WEIGHT PER PACK	X	R	1/9	
PO407	355	UNIT OR BASIS FOR MEASURE	X	ID	2/2	"LB" = POUNDS
PO408	385	GROSS VOLUME PER PACK	X	R	1/9	
PO409	355	UNIT OR BASIS FOR MEASURE	X	ID	2/2	"CF" = CUBIC FEET
PO410	82	LENGTH	X	R	1/8	
PO411	189	WIDTH	X	R	1/8	
PO412	65	HEIGHT	X	R	1/8	
PO413	355	UNIT OR BASIS FOR MEASURE	X	ID	2/2	
PO414	810	INNER PACK	O	N0	1/6	IF INNER CARTONS ARE BEING SENT, THIS IS THE NUMBER OF SELLING UNITS WITHIN ONE OF THE INNER CARTONS.
PO418	1470	NUMBER OF CARTONS FOR THIS ITEM	O	N0	1/9	TOTAL ITEM CARTON COUNT

EXAMPLE:

PO4*1***CTN25*G*30.09*LB*7.6916*CF*43*22.277*13.875*IN*1

NOTE: PO4 IS REQUIRED AT EITHER THE PACK LEVEL OR THE ITEM LEVEL; IT IS NOT NECESSARY TO USE BOTH.

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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 HIERARCHICAL LEVELS .

EXAMPLE:

CTT*5

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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
SE01	96	NUMBER OF SEGMENTS	M	N0	1/6	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*56607203

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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*000000316

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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*000001555

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ISA*00* *00* *08*123456789 *12*6063711145 *020214*0616*U*00400*000000001*0*P*>
GS*SH*123456789*6063711145*20020214*0616*1*X*004010
ST*856*000003968
BSN*00*HD6666660000*20020214*0615*0001
HL*1**S
TD1*CTN25*384****G*11554*LB*2953.5744*CF
TD5**2*SCNN
TD3*TL*5353*5353
REF*BL*HD6666660000
REF*CN*0000055555
DTM*011*20020214
DTM*067*20020217
FOB*CC
N1*SF*VENDOR NAME*9*0427046920000
N4*HUDSON*MA*94236
N1*ST*TOYS R US 6301*9*0643364726301
N3*703 BARTLEY CHESTER RD
N4*FLANDERS*NJ*07836
HL*2*1*O
PRF*6301819656***20020118
TD1*CTN25*384
TD5*****CC
REF*IV*031461625
HL*3*2*T
MAN*W*00100507430314616256
HL*4*3*I
LIN**UP*050743099993*IT*717777
SN1**384*EA
PO4*1***CTN25*G*30.09*LB*7.6916*CF*43*22.277*13.875*IN*1
CTT*4
SE*29*000003968
GE*1*1
IEA*1*000000001