Kids 'R' Us
997 - Functional Acknowledgement

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<div style="background:navy; color:white;">

FUNCTIONAL GROUP: FA

THIS DRAFT STANDARD FOR TRIAL USE CONTAINS THE FORMAT AND ESTABLISHES THE DATA CONTENTS OF THE FUNCTIONAL ACKNOWLEDGMENT TRANSACTION SET (997) FOR USE WITHIN THE CONTEXT OF AN ELECTRONIC DATA INTERCHANGE (EDI) ENVIRONMENT. THE TRANSACTION SET CAN BE USED TO DEFINE THE CONTROL STRUCTURES FOR A SET OF ACKNOWLEDGMENTS TO INDICATE THE RESULTS OF THE SYNTACTICAL ANALYSIS OF THE ELECTRONICALLY ENCODED DOCUMENTS. THE ENCODED DOCUMENTS ARE THE TRANSACTION SETS, WHICH ARE GROUPED IN FUNCTIONAL GROUPS, USED IN DEFINING TRANSACTIONS FOR BUSINESS DATA INTERCHANGE. THIS STANDARD DOES NOT COVER THE SEMANTIC MEANING OF THE INFORMATION ENCODED IN THE TRANSACTION SETS.

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CONTROL

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

HEADING - TABLE 1

010	ST	TRANSACTION SET HEADER	MANDATORY	1
020	AK1	FUNCTIONAL GROUP RESPONSE HEADER	MANDATORY	1
070	AK9	FUNCTIONAL GROUP RESPONSE TRAILER	MANDATORY	1
030	SE	TRANSACTION SET TRAILER	MANDATORY	1

CONTROL

	GE	GROUP CONTROL TRAILER	MANDATORY	1
	IEA	INTERCHANGE CONTROL TRAILER	MANDATORY	1

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Kids 'R' Us
997 - Functional Acknowledgement

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	Send Qualifier
ISA06	I06	INTERCHANGE SEND ID	M	ID	15/15	Send ID
ISA07	I05	INTERCHANGE RECEIVER QUALIFIER	M	ID	2/2	Receiver Qualifier
ISA08	I07	INTERCHANGE RECEIVER ID	M	ID	15/15	Receiver 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:

KRU SENDING FA: ISA*00*   *00*   *12*TP ID   *12*2015996907   *000908*1923*U*00400*000000316*1*P*>

KRU RECEIVING FA: ISA*00*   *00*   *12*2015996907   *12*TP ID   *000908*1923*U*00400*000000316*1*P*>

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997 - Functional Acknowledgement

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	"FA"
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	CODE IDENTIFYING PARTY SENDING 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	N0	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:

KRU SENDING FA: GS*FA* TP ID *2015996907*20000908*1923*000000316*X*004010

KRU RECEIVING FA: GS*FA*2015996907* TP ID *20000908*1923*000000316*X*004010

Kids 'R' Us
997 - Functional Acknowledgement

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	"997" = PURCHASE ORDER
ST02	329	TRANSACTION SET CONTROL NO.	M	AN	4/9	IDENTIFYING CONTROL NUMBER ASSIGNED BY THE ORIGINATOR FOR A TRANSACTION SET.

EXAMPLE:

ST*997*56607203

Kids 'R' Us
997 - Functional Acknowledgement

AK1 – FUNCTIONAL GROUP RESPONSE HEADER

POSITION:
LOOP:
LEVEL: **HEADING**
USAGE: **MANDATORY**
MAX USE: **1**
PURPOSE: **TO START ACKNOWLEDGMENT OFA FUNCTIONAL GROUP.**

DATA ELEMENT SUMMARY

REF DES	ElemID	ELEMENT NAME	ATTRIBUTES			DESCRIPTION
AK101	479	FUNCTIONAL IDENTIFIER CODE	M	ID	2/2	CODE IDENTIFYING A GROUP OF APPLICATION RELATED TRANSACTION SETS. REFER TO 4010 DATA ELEMENT DICTIONARY FOR ACCEPTABLE CODE VALUES.
AK102	28	GROUP CONTROL NUMBER	M	N0	1/9	ASSIGNED NUMBER ORIGINATED AND MAINTAINED BY THE SENDER.

EXAMPLE:

KRU SEND 810 FA: AK1*IN*2033

KRU RCV 850 FA: AK1*PO*2389

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997 - Functional Acknowledgement

AK9 – FUNCTIONAL GROUP RESPONSE TRAILER

POSITION:
LOOP:
LEVEL:
USAGE: MANDATORY
MAX USE: 1
PURPOSE:

TO ACKNOWLEDGE ACCEPTANCE OR REJECTION OF A FUNCTIONAL GROUP AND REPORT THE NUMBER OF INCLUDED TRANSACTION SETS FROM THE ORIGINAL TRAILER, THE ACCEPTED SETS, AND THE RECEIVED SETS IN THIS FUNCTIONAL GROUP.

DATA ELEMENT SUMMARY

REF DES	ElemID	ELEMENT NAME	ATTRIBUTES			DESCRIPTION
AK901	715	FUNCTIONAL GROUP ACKNOWLEDGE CODE	M	ID	1/1	CODE INDICATING ACCEPT OR REJECT CONDTION BASED ON THE SYNTAX EDITING OF THE FUNCTIONAL GROUP. "A" = ACCEPTED "E" = ACCEPTED WITH ERRORS "R" = REJECTED
AK902	97	NUMBER OF TRANSACTION SETS INCLUDED	M	N0	1/6	TOTAL NUMBER OF TRANSACTION SETS INCLUDED IN THE FUNCTIONAL GROUP OR INTERCHANGE (TRANSMISSION) GROUP TERMINATED BY THE TRAILER CONTAINING THIS DATA ELEMENT.
AK903	123	NUMBER OF RECEIVED TRANSACTION SETS	M	N0	1/6	NUMBER OF TRANSACTION SETS RECEIVED
AK904	2	NUMBER OF ACCEPTED TRANSACTION SETS	M	N0	1/6	NUMBER OF ACCEPTED TRANSACTION SETS IN A FUNCTIONAL GROUP.

EXAMPLE:

AK9*A*2*2*2

Kids 'R' Us
997 - Functional Acknowledgement

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 TRNSMITTED 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

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	N0	1/6	
GE02	28	DATA INTERCHANGE CONTROL NO.	M	N0	1/9	

EXAMPLE:

GE*1*000000316

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

Kids 'R' Us
997 - Functional Acknowledgement

EDI X12 Example

KRU SENDING INVOICE FA:

ISA*00*   *00*   *12*2015996907   *00*TP ID   *00912*1923*U*00200*000000316*1*P>

GS*FA*2015996907*TP ID*20000912*0028*2033*X*004010

ST*997*20330001

AK1*IN*2225

AK9*A*2*2*2

SE*4*20330001

GE*1*2033

IEA*1*00000316

KRU RECEIVING PO FA:

ISA*00*   *00*   *00*TP ID *12*2015996907   *00912*1923*U*00200*000000316*1*P>

GS*FA*TP ID*2015996907*20000912*0028*2033*X*004010

ST*997*20330001

AK1*PO*908

AK9*A*1*1*1

SE*4*20330001

GE*1*2033

IEA*1*00000316