Message Implementation Guide

ANSI X.12 3010 / 3020

Kmart 997
Functional Acknowledgment

V1.2

PRODUCED BY
KMART AUSTRALIA LIMITED
ELECTRONIC TRADING TEAM

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CHANGE CONTROL

Version	Date	Description	Author
1.00	31/10/01	1st Release	Marcella Mazza
1.10	16/07/07	Changed reference from Coles Myer to Coles Group Limited	Leng Be
1.20	30/03/09	Changed reference from Coles Group Limited to Kmart Australia Limited	John Bethune

Contents

Document Standards

All EDI transactions traded by Kmart are available in either ANSI or EDIFACT. Kmart has committed to not use ANSI standards beyond the 3020 release. Further changes will be implemented in the EDIFACT standard only.

Separate documents have been prepared covering message implementation guides for the following:

- Kmart EDI Envelope
- Kmart 850 Purchase Order
- Kmart 855 Purchase Order Acknowledgment
- Kmart 860 Purchase Order Change Request
- Kmart 855 POA used as a Reverse Purchase Order
- Kmart 820 Recipient Created Tax Invoice (3010)
- Kmart 820 Remittance Advice (3010)
- Kmart 830 Forecast Data

- Kmart 856 Advanced Shipping Note

All of the above transactions are available in ANSI 3020, except the 820 RCTI and the 820 REM ADV which are in the 3010 format.

Kmart requires that the VICS 997 functional acknowledgement (FA) document to be generated by EDI trading partners (including Kmart), each time a business transaction is extracted from their EDI mailbox.

The purpose of the FA document is to provide confirmation that a transaction has been received. The FA does not relate to the contents of the transaction.

The FA must be in the same EDI standard's version as the transaction being acknowledged, ie A supplier receiving a Purchase Order in ANSI 3020 must send a FA in ANSI 3020. A supplier receiving a Remittance Advice in ANSI 3010 must send a FA in ANSI 3010.

ANSI X12
997 version 003020 segment table

This document describes the EDI mapping format for the Purchase Order (ANSI 850). The document is based on the ANSI 3020 standard developed in North America. The document shows the segments (and their expected data content) that will be processed by Kmart.

Segments processed by Kmart

FUNCTIONAL GROUP ID = FA

This standard provides the format and establishes the date contents of a functional transaction set. The purpose of this standard is 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.

SEG ID	NAME	REQ DES	MAX USE	LOOP REPEAT	
ST	TRANSACTION SET HEADER	M	1		USE
AK1	FUNCTIONAL GROUP RESPONSE HEADER	M	1		USE
AK2	TRANSACTION SET RESPONSE HEADER	O	1	AK2/999999	NOT USED
AK3	DATA SEGMENT NOTE	O	1	AK3/999999	NOT USED
AK4	DATA SEGMENT NOTE	O	99		NOT USED
AK5	TRANSACTION SET RESPONSE TRAILER	M	1		NOT USED
AK9	FUNCTIONAL GROUP RESPONSE TRAILER	M	1		USE
SE	TRANSACTION SET TRAILER	M	1		USE

Segment ST
Transaction set header

Level   Header

Req Des   Mandatory

Max Use   01

Loop   _____

FLD #	ELEMENT NAME	DICT NUM	TYPE	MIN LEN	MAX LEN	REQ	CODES & COMMENTS
01	TRANSACTION SET IDENTIFIER CODE	143	ID	3	3	M	Code uniquely identifying a transaction set. 997 X12.20 functional acknowledgment.
02	TRANSACTION SET CONTROL NUMBER	329	AN	4	9	M	Identifying control number assigned by the originator for a transaction set. The number is sequentially assigned, by the sender, starting with one within each functional group. For each functional group the first transaction set control number will be 0001 and incremented by one for each additional transaction set within the group.

NOTES   The purpose of this segment is to indicate the start of a transaction set and to assign a control number.

The transaction set identifier (ST01 is intended for use by the translation routine of the interchange partners to select the appropriate transaction set definition, for example, 810 selects the invoice transaction set.

Segment AK1
Functional group response

Level   Header

Req Des   Mandatory

Max Use   01

Loop   _____

FLD #	ELEMENT NAME	DICT NUM	TYPE	MIN LEN	MAX LEN	REQ	CODES & COMMENTS
01	FUNCTIONAL IDENTIFIER CODE	479	ID	2	2	M	Code identifying a group of application related transaction sets.
							This is the functional group ID of the group that is being acknowledged, for example, if a purchase order group is being acknowledged the value would be PO; it is the value sent in GS01 for the original transmission.
02	GROUP CONTROL NUMBER	28	N	1	9	M	Assigned number originated and maintained by the sender.
							This is the control number assigned to the group being acknowledged, for example, this is the control number assigned by the sender of the original transmission. Its value is the value sent in GS06 for the original transmission.
							The data interchange control number found in the GS segment in the functional group being acknowledged.

NOTES   The purpose of this segment is to start acknowledgment of a functional group.

Segment AK9
Functional group response

Level   Header

Req Des   Mandatory

Max Use   01

Loop   _____

FLD #	ELEMENT NAME	DICT NUM	TYPE	MIN LEN	MAX LEN	REQ	CODES & COMMENTS
01	FUNCTIONAL GROUP ACKNOWLEDGE CODE	715	ID	1	1	M	Code indicating accept or reject condition based on the syntax editing of the functional group. A=Accepted. E=Accepted, but errors were noted. P=Partially accepted, at least one transaction set was rejected. R=Rejected.
02	NUMBER OF TRANSACTION SETS INCLUDED	97	N	1	6	M	Total number of transaction sets included in the functional group or interchange (transmission) group terminated by the trailer containing this data element.
03	NUMBER OF RECEIVED TRANSACTION SETS	123	N	1	6	M	Number of transaction sets received.
04	NUMBER OF ACCEPTED TRANSACTION SETS	2	N	1	6	M	Number of accepted transaction sets in a functional group.
05	FUNCTIONAL GROUP SYNTAX ERROR CODE	716	ID	1	3	O	Code indicating error found based on the syntax editing of the functional group header and/or trailer. 1=Functional group not supported. 2=Functional group version not supported. 3=Functional group trailer missing. 4=Data interchange control number in the functional group header and trailer do not agree. 5=Number of included transaction sets does not match actual count.
06	FUNCTIONAL GROUP SYNTAX ERROR CODE	716	ID	1	3	O	
07	FUNCTIONAL GROUP SYNTAX ERROR CODE	716	ID	1	3	O	

08	FUNCTIONAL GROUP SYNTAX ERROR CODE	716	ID	1	3	O
09	FUNCTIONAL GROUP SYNTAX ERROR CODE	716	ID	1	3	O

NOTES   The purpose of this segment is 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.

If AK901 is 'A' or 'E' then the transmitted functional group is accepted. If AK901 is 'R', then the transmitted group is rejected.

The code values listed for AK905 will be the same for all occurrences of data element 716.

Segment SE
Transaction set trailer

Level   Summary

Req Des   Mandatory

Max Use   01

Loop   _____

FLD #	ELEMENT NAME	DICT NUM	TYPE	MIN LEN	MAX LEN	REQ	CODES & COMMENTS
01	NUMBER OF INCLUDED SEGMENTS	96	N	1	6	M	Total number of segments included in a transaction set including ST and SE segments.
02	TRANSACTION SET CONTROL NUMBER	329	AN	4	9	M	Identifying control number assigned by the originator for a transaction set.
							This must be the same number as in the ST Segment (ST02) for the transaction set.

NOTES The purpose of this segment is to indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments).

E is the last segment of each transaction set.

997 Functional Acknowledgment Business Example

Segment Details :

ISA*00*   *00*   *ZZ*9313938000655 *ZZ*9310428000003
*011022*1510*U*00204*000001000*0*P*>~
GS*FA*931393800065*931042800000*011022*1510*135*X*003020~
ST*997*0135~
AK1***PR***358~
AK9*A*1*1*1~
SE*4*0135~
GE*1*135~
IEA*1*000001000~

Please note that the AK101 segment depends on the originating document being sent.....