

FA/997 - FUNCTIONAL ACKNOWLEDGMENT  
004010VICS

HIERARCHY

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SEGMENT: ISA - INTERCHANGE CONTROL HEADER  
 LEVEL: ENVELOPE  
 USAGE: MANDATORY  
 PURPOSE: TO START AND IDENTIFY AN INTERCHANGE OF ONE OR MORE FUNCTIONAL GROUPS AND INTERCHANGE RELATED CONTROLS.

FIELD DES.	DATA ELEMENT	DATA ELEMENT NAME	ATTRIBUTES	CODE/DEFINITION/COMMENTS
ISA01	I01	AUTHORIZATION INFO. QUAL	M ID 2/2	'00' (ZEROES)
ISA02	I02	AUTHORIZATION INFORMATION	M AN 10/10	BLANKS
ISA03	I03	SECURITY INFORMATION QUAL	M ID 2/2	'00' (ZEROES)
ISA04	I04	SECURITY INFORMATION	M AN 10/10	BLANKS
ISA05	I05	INTERCHANGE ID QUALIFIER	M ID 2/2	ASSIGNED BY AMES VENDOR
ISA06	I06	INTERCHANGE SENDER ID	M ID 15/15	ASSIGNED BY AMES VENDOR
ISA07	I05	INTERCHANGE ID QUALIFIER	M ID 2/2	'01'
ISA08	I07	INTERCHANGE RECEIVER ID	M ID 15/15	005866041 AMES DUNS NUMBER
ISA09	I08	INTERCHANGE DATE	M DT 6/6	YYMMDD
ISA10	I09	INTERCHANGE TIME	M TM 4/4	HHMM
ISA11	I10	INTERCHANGE STANDARDS ID	M ID 1/1	U - U.S. EDI COMMUNITY OF X12
ISA12	I11	INTERCHANGE VERSION ID	M ID 5/5	00401 - VERSION 4, RELEASE 1
ISA13	I12	INTERCHANGE CONTROL NUMBER	M N0 9/9	SEQUENTIALLY ASSIGNED BY AMES
ISA14	I13	ACKNOWLEDGMENT REQUESTED	M ID 1/1	0 - NO INTERCHANGE ACK. REQUESTED
ISA15	I14	TEST INDICATOR	M ID 1/1	T - PARALLEL (PAPER DOCUMENT AND TRANSMISSION) P - PRODUCTION (TRANSMISSION ONLY)
ISA16	I15	SUBELEMENT SEPARATOR	M AN 1/1	>

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SEGMENT: GS - FUNCTIONAL GROUP HEADER  
 LEVEL: GROUP  
 USAGE: MANDATORY  
 PURPOSE: TO INDICATE THE BEGINNING OF A FUNCTIONAL GROUP AND TO PROVIDE CONTROL INFORMATION.

FIELD DES.	DATA ELEMENT	DATA ELEMENT NAME	ATTRIBUTES	CODE/DEFINITION/COMMENTS
GS01	479	FUNCTIONAL ID	M ID 2/2	IN - INVOICE
GS02	142	APPLICATION SENDER'S CODE	M AN 2/15	ASSIGNED BY SENDER USUALLY SAME AS ISA06
GS03	124	APPLICATION RECEIVER'S CODE	M AN 2/15	005866041 (AMES DUNS NUMBER)
GS04	373	DATE	M DT 8/8	CCYYMMDD
GS05	337	TIME	M TM 4/8	HHMM
GS06	28	GROUP CONTROL NUMBER	M N0 1/9	SEQUENTIALLY ASSIGNED BY SENDER
GS07	455	RESPONSIBLE AGENCY CODE	M ID 1/2	'X' - ASC X12
GS08	480	VERSION	M ID 1/12	'004010VICS'

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SEGMENT: ST - TRANSACTION SET HEADER  
 LEVEL: HEADER  
 USAGE: MANDATORY

MAX USE: 1  
PURPOSE: TO INDICATE THE START OF A TRANSACTION SET AND TO ASSIGN A CONTROL NUMBER.

FIELD DES.	DATA ELEMENT	DATA ELEMENT NAME	ATTRIBUTES	CODE/DEFINITION/COMMENTS
ST01	143	TRANSACTION SET ID CODE	M ID 3/3	997 - FUNCTIONAL ACKNOWLEDGMENT
ST02	329	TRANSACTION SET CONTROL NO.	M AN 4/9	SEQUENTIALLY ASSIGNED BY VENDOR

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SEGMENT: AK1 - FUNCTIONAL GROUP RESPONSE HEADER  
LEVEL: HEADER  
USAGE: MANDATORY  
MAX USE: 1  
PURPOSE: TO START ACKNOWLEDGMENT OF A FUNCTIONAL GROUP.

FIELD DES.	DATA ELEMENT	DATA ELEMENT NAME	ATTRIBUTES	CODE/DEFINITION/COMMENTS
AK101	479	FUNCTIONAL IDENTIFIER CODE	M ID 2/2	'PO' - PURCHASE ORDER PROCESSING
AK102	28	GROUP CONTROL NUMBER	M N0 1/9	VALUE SENT BY AMES IN GS06 FOR THE ORIGINAL TRANSMISSION

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SEGMENT: AK2 - TRANSACTION SET RESPONSE HEADER  
 LEVEL: HEADER  
 LOOP: AK2 REPEAT: 999999  
 USAGE: OPTIONAL  
 MAX USE: 1  
 PURPOSE: TO START ACKNOWLEDGMENT OF A SINGLE TRANSACTION SET.

FIELD DES.	DATA ELEMENT	DATA ELEMENT NAME	ATTRIBUTES	CODE/DEFINITION/COMMENTS
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NOTE: To be sent only if AK901 is not an 'A' (ACCEPTED)

AK201	143	TRANSACTION SET IDENTIFIER CODE	M ID 3/3	VALUE SENT IN ST01 IN ORIGINAL TRANSMISSION
AK202	329	TRANSACTION SET CONTROL NO.	M AN 4/9	VALUE SENT IN ST02 IN ORIGINAL TRANSMISSION

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SEGMENT: AK3 - DATA SEGMENT NOTE  
 LEVEL: HEADER  
 LOOP: AK2/AK3 REPEAT: 999999  
 USAGE: OPTIONAL  
 MAX USE: 1  
 PURPOSE: TO REPORT ERRORS IN A DATA SEGMENT AND TO IDENTIFY THE LOCATION OF THE DATA SEGMENT.

FIELD DES.	DATA ELEMENT	DATA ELEMENT NAME	ATTRIBUTES	CODE/DEFINITION/COMMENTS
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NOTE: To be sent only if AK901 is not an 'A' (ACCEPTED)

AK301	721	SEGMENT ID CODE	M	ID	2/3	CODE DEFINING SEGMENT ID IN ERROR
AK302	719	SEGMENT POS. IN TRANS. SET	M	N0	1/6	NUMERICAL COUNT POSITION OF THIS SEGMENT FROM THE START OF THE TRANSACTION SET: THE TRANSACTION SET HEADER IS COUNT POSITION 1
AK303	447	LOOP IDENTIFIER CODE	O	AN	1/16	NOT USED
AK304	720	SEGMENT SYNTAX ERROR CODE	O	ID	1/3	OPTIONAL: CODE INDICATING ERROR 1 - UNRECOGNIZED SEGMENT ID 2 - UNEXPECTED SEGMENT 3 - MANDATORY SEGMENT MISSING

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SEGMENT: AK4 - DATA ELEMENT NOTE  
LEVEL: HEADER  
LOOP: AK2/AK3  
USAGE: OPTIONAL  
MAX USE: 99  
PURPOSE: TO REPORT ERRORS IN A DATA ELEMENT AND TO IDENTIFY THE LOCATION OF THE DATA ELEMENT.

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FIELD	DATA				
DES.	ELEMENT	DATA ELEMENT NAME	ATTRIBUTES	CODE/DEFINITION/COMMENTS	

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NOTE: To be sent only if AK901 is not an 'A' (ACCEPTED)

AK401	C030 722	ELEMENT POSITION IN SEGMENT	M	N0	1/2	RELATIVE POS. OF DATA ELEMENT IN ERROR IN SEGMENT
	1528	COMPONENT DATA ELEMENT POSITION IN COMPOSITE	O	N0	1/2	NOT USED BY RETAIL INDUSTRY
AK402	725	DATA ELEMENT REFERENCE NO.	O	N0	1/4	REFERENCE NO. USED TO INDICATE THE DATA ELEMENT
AK403	723	DATA ELEMENT SYNTAX ERR CODE	M	ID	1/3	SYNTAX ERROR CODE 1 - MANDATORY DATA ELEMENT MISSING 2 - CONDITIONAL REQUIRED DATA ELEMENT MISSING 3 - TOO MANY DATA ELEMENTS 4 - DATA ELEMENT TOO SHORT 5 - DATA ELEMENT TOO LONG 6 - INVALID CHARACTER IN DATA ELEMENT 7 - INVALID CODE VALUE
AK404	724	COPY OF BAD DATA ELEMENT	O	AN	1/99	COPY OF DATA ELEMENT IN ERROR

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SEGMENT: AK5 - TRANSACTION SET RESPONSE TRAILER  
 LEVEL: HEADER  
 LOOP: AK2  
 USAGE: OPTIONAL  
 MAX USE: 1  
 PURPOSE: TO ACKNOWLEDGE ACCEPTANCE OR REJECTION AND TO REPORT ERRORS IN A TRANSACTION SET.

FIELD	DATA				
DES.	ELEMENT	DATA ELEMENT NAME	ATTRIBUTES	CODE/DEFINITION/COMMENTS	

NOTE: To be sent only if AK901 is not an 'A' (ACCEPTED)

AK501	717	SET ACKNOWLEDGE CODE	M	ID	1/1	CODE INDICATING IF TRANSACTION SET
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IS ACCEPTED OR REJECTED  
 A - ACCEPTED  
 E - ACCEPTED WITH ERRORS  
 R - REJECTED

AK502	718	TRANSACTION SET SYNTAX CODE	O	ID	1/3	CODE INDICATING ERROR FOUND BASED ON THE SYNTAX EDITING ERROR 1 - TRANSACTION SET NOT SUPPORTED 2 - TRANSACTION SET TRAILER MISSING 3 - TRANSACTION SET CONTROL NUMBER IN HEADER AND TRAILER DO NOT MATCH 4 - NUMBER OF INCLUDED SEGMENTS DOES NOT MATCH ACTUAL COUNT 5 - ONE OR MORE SEGMENTS IN ERROR
AK503	718	TRANSACTION SET NOTE CODE	O	ID	1/3	NOT USED
AK504-AK506		(REPEAT OF ELEMENT 718 CODE)	O	ID	1/3	NOT USED

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SEGMENT: AK9 - FUNCTIONAL GROUP RESPONSE TRAILER  
 LEVEL: HEADER  
 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.

FIELD DES.	DATA ELEMENT	DATA ELEMENT NAME	ATTRIBUTES	CODE/DEFINITION/COMMENTS
AK901	715	FUNCTIONAL GROUP ACKNOWLEDGE CODE	M ID 1/1	'A' - ACCEPTED 'E' - ACCEPTED, BUT ERRORS WERE NOTED 'P' - PARTIALLY ACCEPTED, AT LEAST ONE TRANSACTION SET WAS REJECTED

'R' - REJECTED

AK902	97	NO. OF TRANS. SETS INCLUDED	M	N0	1/6	TOTAL NO. OF TRANSACTION SETS INCLUDED IN THE FUNC GROUP TERMINATED BY THE TRAILER CONTAINNING THIS DATA ELEMENT
AK903	123	NO. OF RECEIVED TRANS. SETS	M	N0	1/6	NUMBER TRANSACTION SETS RECEIVED BY VENDOR FROM AMES
AK904	2	NO. OF ACCEPTED TRANS. SETS	M	N0	1/6	NUMBER OF ACCEPTED TRANSACTION SETS IN A FUNCTIONAL GROUP
AK905	716	FUNCTIONAL GROUP SYNTAX ERROR CODE	O	ID	1/3	1 - FUNCTIONAL GROUP NOT SUPPORTED 2 - FUNCTIONAL GROUP VERSION NOT SUPPORTED 3 - FUNCTIONAL GROUP TRAILER MISSING 4 - GROUP CONTROL NUMBER IN THE FUNCTIONAL GROUP HEADER AND TRAILER DO NOT AGREE 5 - NUMBER OF INCLUDED TRANSACTION SETS DOES NOT MATCH ACTUAL COUNT
AK906	716	FUNCTIONAL GROUP SYNTAX ERR CDEO	ID	1/3		OPTIONAL
AK907	716	FUNCTIONAL GROUP SYNTAX ERR CDEO	ID	1/3		OPTIONAL
AK908	716	FUNCTIONAL GROUP SYNTAX ERR CDEO	ID	1/3		OPTIONAL
AK909	716	FUNCTIONAL GROUP SYNTAXERR CDE	O	ID	1/3	OPTIONAL

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SEGMENT: SE - TRANSACTION SET TRAILER  
 LEVEL: SUMMARY  
 USAGE: MANDATORY  
 MAX USE: 1  
 PURPOSE: TO INDICATE THE END OF THE TRANSACTION SET AND PROVIDE THE COUNT OF THE TRANSMITTED SEGMENTS.

FIELD DES.	DATA ELEMENT	DATA ELEMENT NAME	ATTRIBUTES			CODE/DEFINITION/COMMENTS
SE01	96	NUMBER OF INCLUDED SEGMENTS	M	N0	1/10	TOTAL NO. OF SEGMENTS IN TRANSACTION INCLUDING ST AND SE
SE02	329	TRANSACTION SET CONTROL NO.	M	AN	4/9	SAME NUMBER AS IN ST02 FOR THE TRANSACTION SET

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SEGMENT: GE - GROUP CONTROL TRAILER  
 LEVEL: GROUP  
 USAGE: MANDATORY  
 MAX USE: 1  
 PURPOSE: TO INDICATE THE END OF A FUNCTIONAL GROUP AND TO PROVIDE CONTROL INFORMATION.

FIELD DES.	DATA ELEMENT	DATA ELEMENT NAME	ATTRIBUTES	CODE/DEFINITION/COMMENTS
GE01	97	NUMBER OF INCLUDED TRANSACTION SETS	M N0 1/6	TOTAL NUMBER OF TRANSACTION SETS INCLUDED IN THE FUNCTIONAL GROUP (ST) TERMINATED BY THIS TRAILER
GE02	28	DATA INTERCHANGE CONTROL NO.	M N0 1/9	SAME NUMBER AS IN GS06 FOR THE GROUP

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SEGMENT: IEA - INTERCHANGE CONTROL TRAILER  
 LEVEL: ENVELOPE  
 USAGE: MANDATORY  
 PURPOSE: DEFINES THE END OF AN INTERCHANGE OF ONE OR MORE FUNCTIONAL GROUPS AND INTERCHANGE RELATED CONTROL SEGS

FIELD DES.	DATA ELEMENT	DATA ELEMENT NAME	ATTRIBUTES	CODE/DEFINITION/COMMENTS
IEA01	116	NUMBER OF INCLUDED GROUPS	M N0 1/5	THE COUNT OF GS SEGMENTS WITHIN THE TRANSMISSION
IEA02	112	INTERCHANGE CONTROL NUMBER	M N0 9/9	SAME NUMBER AS IN ISA13 FOR THE TRANSMISSION (INTERCHANGE)

