

997 Functional Acknowledgment

Macy's
VICS Document Mapping

VICS Version 4050
Effective 06/01/07

The following is an outline of what is required when sending or receiving VICS 997 Functional Acknowledgments. For definitions of the segments, please see the VICS retail industry conventions and guidelines for EDI.

Deviation from the standard VICS 997 format may negate our ability to receive data from trading partners.

The following segments are based on VICS 4050. Refer to individual manuals for differences in standards.

Note: The Functional Acknowledgment is a required document.

Segment Summary

Header Segments

M*/O*	Segment	Name
M	ST	Transaction Set Header

Detail Segments

M*/O*	Segment	Name
M	AK1	Functional Group Response Header
O	AK2	Transaction Set Response Header
O	AK3	Data Segment Note
O	AK4	Data Element Note
O	AK5	Transaction Set Response Trailer
M	AK9	Functional Group Response Trailer

Summary Segments

M*/O*	Segment	Name
M	SE	Transaction Set Trailer

997 Functional Acknowledgment, continued

Header Envelope Segments

M*/O*	Segment	Data	Element	Value/Comments	
M	ISA	ISA01	Qualifier	00	
		ISA02	Authorization	Blanks	
		ISA03	Qualifier	00	
		ISA04	Security	Blanks	
		ISA05	Sender ID Qualifier		01 – Duns Number
					08 – UCC Communication ID
					12 – Telephone Number
		ISA06	Sender ID	Sender's Identifier	
		ISA07	Receiver ID Qualifier	08 – UCC Communication ID	
		ISA08	Receiver ID	Receiver's ID	
		ISA09	Date	YYMMDD	
		ISA10	Time	HHMM	
		ISA11	Standard ID	U – ANSI X.12	
		ISA12	Version	00405	
		ISA13	Interchange Control Number	Sequential Number	
		ISA14	Request Acknowledgment	0 – No	
ISA15	Test Indicator	P – Production			
ISA16	Subelement Separator	>			
M	GS	GS01	Functional Group ID	FA	
		GS02	Application Sender ID	Same as ISA06	
		GS03	Application Receiver ID	Same as ISA08	
		GS04	Date	CCYYMMDD	
		GS05	Time	HHMM	
		GS06	Functional Group Control Number	Sequential Number	
		GS07	Agency	X – ANSI X.12	
		GS08	Version	004050VICS	

Header Segments

M*/O*	Segment	Data	Element	Value/Comments
M	ST	ST01	Transaction ID	997
		ST02	Transaction Control Number	Sequential Number

*M = Mandatory for Application, O = Optional

† = Required to acknowledge documents at Group level.

• = Required to acknowledge documents at Transaction level.

997 Functional Acknowledgment, continued

Detail Segments

M*/O*	Segment	Data	Element	Value/Comments
M	AK1	AK101†	Functional ID Code	For Transaction Being Acknowledged
		AK102†	Group Control Number	For Group Being Acknowledged
O	AK2	AK201	Transaction Set ID Code	For Transaction Being Acknowledged
		AK202	Transaction Set Control Number	For Transaction Being Acknowledged
O	AK3	AK301	Segment ID Code	ID Code of the Segment in Error
		AK302	Segment Position in Transaction	Numerical Count Position of Segment From Start of Transaction
		AK303	Loop Identifier Code	Loop Code (LS) Identifying Loop Containing Segment in Error
		AK304	Segment Syntax Error Code	1 – Unrecognized Segment ID 2 – Unexpected Segment 3 – Mandatory Segment Missing
O	AK4	AK401	Element Position in Segment	Relative Position of Element Within Segment
		AK402	Data Element Reference Number	Element Reference Number from Data Element Dictionary
		AK405	Data Element 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	Copy of Bad Data Element	Copy of the Element in Error		

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997 Functional Acknowledgment, continued

M*/O*	Segment	Data	Element	Value/Comments	
O	AK5	AK501	Transaction Set ACK Code	A – Accepted E – Accepted with Errors R – Rejected	
		AK502	Transaction Set Error Code	1 – Transaction Set Not Supported 2 – Transaction Set Trailer Missing 3 – Transaction Set Control Numbers Do Not Match 4 – Number of Included Segments Does Not Match Count 5 – One or More Segments in Error	
		AK503	Transaction Set Error Code	See Description Above	
		AK504	Transaction Set Error Code	See Description Above	
		AK505	Transaction Set Error Code	See Description Above	
		AK506	Transaction Set Error Code	See Description Above	
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		M	AK9	AK901†	Group Acknowledgment Code
AK902	Number of Transactions Included				
AK903	Number of Transactions Received				
AK904	Number of Transactions Accepted				
AK905	Group Syntax Error Code			1 – Functional Group Not Supported 2 – Functional Group Version Not Supported 3 – Functional Group Trailer Missing 4 – Functional Group Control Numbers Do Not Match 5 – Number of Included Transactions Does Not Match Count	
AK906	Group Syntax Error Code			See Description Above	
AK907	Group Syntax Error Code			See Description Above	
AK908	Group Syntax Error Code			See Description Above	
AK909	Group Syntax Error Code			See Description Above	
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Summary Segments

M*/O*	Segment	Data	Element	Value/Comments
M	SE	SE01	Number of Included Segments	Number of Segments in this Transaction
		SE02	Transaction Set Control #	Sequential Number

Trailer Envelope Segments

M*/O*	Segment	Data	Element	Value/Comments
M	GE	GE01	Number of Included Transactions	Number of Transactions in this Group
		GE02	Functional Group Control Number	Sequential Number
M	IEA	IEA01	Number of Included Groups	Number of Groups in this Interchange
		IEA02	Interchange Control Number	Sequential Number

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