

# 997 Functional Acknowledgment

Macy's  
VICS Document Mapping

VICS Version 4030  
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 4030. 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 |

\*M = Mandatory for Application, O = Optional

Questions? Call (678) 474-3595; 8 a.m. - 6 p.m. (Eastern time)

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**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                         | 00403                     |
|       |         | 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                         | 004030VICS                |

**Header Segments**

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

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† = Required to acknowledge documents at Group level.

• = Required to acknowledge documents at Transaction level.

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## 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<br>2 – Unexpected Segment<br>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                                  |
|       |         | AK403  | 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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| M*/O* | Segment | Data   | Element                         | Value/Comments                                                                                                                                                                                                                            |
|-------|---------|--------|---------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| O     | AK5     | AK501  | Transaction Set ACK Code        | A – Accepted<br>E – Accepted with Errors<br>R – Rejected                                                                                                                                                                                  |
|       |         | AK502  | Transaction Set Error Code      | 1 – Transaction Set Not Supported<br>2 – Transaction Set Trailer Missing<br>3 – Transaction Set Control Numbers Do Not Match<br>4 – Number of Included Segments Does Not Match Count<br>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                                                                                                                                                                                                                     |
| M     | AK9     | AK901† | Group Acknowledgment Code       | A – Accepted<br>E – Accepted with Errors<br>P – Partially Accepted, at Least One Transaction was Rejected<br>R – Rejected                                                                                                                 |
|       |         | 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<br>2 – Functional Group Version Not Supported<br>3 – Functional Group Trailer Missing<br>4 – Functional Group Control Numbers Do Not Match<br>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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