997 Functional Acknowledgment - Canada

VICS EDI

Version: 007060VICS

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997 Functional Acknowledgment - Canada

Functional Group=FA

Purpose: This X12 Transaction Set 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.

Heading:

Pos	Id	Segment Name	Req	Max Use	Repeat	Notes	Usage	Page
0100	ST	Transaction Set Header	M	1		N1/0100	Must use	3
0200	AK1	Functional Group Response Header	M	1		N1/0200	Must use	4
LOOP ID - AK2					**>1**	**N1/0300L**		6
0300	AK2	Transaction Set Response Header	O	1			Used	7
LOOP ID - AK3					**>1**	**C1/0400L**		9
0400	AK3	Data Segment Note	O	1			Used	10
0500	AK4	Data Element Note	O	99			Used	11
0600	AK5	Transaction Set Response Trailer	M	1			Must use	13
0700	AK9	Functional Group Response Trailer	M	1			Must use	15
0800	SE	Transaction Set Trailer	M	1			Must use	18

Notes:

1/0100   These acknowledgments shall not be acknowledged, thereby preventing an endless cycle of acknowledgments of acknowledgments. Nor shall a Functional Acknowledgment be sent to report errors in a previous Functional Acknowledgment.
There is only one Functional Acknowledgment Transaction Set per acknowledged functional group. Only one acknowledgement can be sent for each functional group. The acknowledgment can be either a single Transaction Set 997 or a single Transaction Set 999 as mutually agreed upon by the trading partners. Different Functional Groups may have different acknowledgements, e.g. some Functional Groups, within the same interchange, may be acknowledged with the 997 and others with the 999.

1/0200   AK1 is used to respond to the functional group header and to start the acknowledgment for a functional group. There shall be one AK1 segment for the functional group that is being acknowledged.
The Functional Acknowledgement is generated at the point of translation, intended for the originator (not any intermediate parties).
The Functional Group Header Segment (GS) is used to start the envelope for the Functional Acknowledgment Transaction Sets. In preparing the functional group of acknowledgments, the application sender's code and the application receiver's code, taken from the functional group being acknowledged, are exchanged; therefore, one acknowledgment functional group responds to only those functional groups from one application receiver's code to one application sender's code.

1/0300L   AK2 is used to start the acknowledgment of a transaction set within the received functional group. The AK2 segments shall appear in the same order as the transaction sets in the functional group that has been received and is being acknowledged.

Comments:

1/0400L   The data segments of this standard are used to report the results of the syntactical analysis of the functional groups of transaction sets; they report the extent to which the syntax complies with the standards or proper subsets of transaction sets and functional groups. They do not report on the semantic

meaning of the transaction sets (for example, on the ability of the receiver to comply with the request of the sender).

ST Transaction Set Header

Pos: 0100	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

Purpose: To indicate the start of a transaction set and to assign a control number

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ST01	143	**Transaction Set Identifier Code**	M	ID	3/3	Must use

Description: Code identifying a Transaction Set

Note 1: *997 Functional Acknowledgment - Canada*

Code List Summary (Total Codes: 322, Included: 1)

Code	Name
997	Functional Acknowledgment

Ref	Id	Element Name	Req	Type	Min/Max	Usage
ST02	329	**Transaction Set Control Number**	M	AN	4/9	Must use

Description: Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set

Note 1: *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.*

Semantics:

1. The transaction set identifier (ST01) is used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).

2. The implementation convention reference (ST03) is used by the translation routines of the interchange partners to select the appropriate implementation convention to match the transaction set definition. When used, this implementation convention reference takes precedence over the implementation reference specified in the GS08.

AK1 Functional Group Response Header

<table><tr><td>Pos: 0200</td><td>Max: 1</td></tr><tr><td colspan="2">Heading - Mandatory</td></tr><tr><td>Loop: N/A</td><td>Elements: 2</td></tr></table>

User Option (Usage): Must use
Purpose: To start acknowledgment of a functional group

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
AK101	479	**Functional Identifier Code**	M	ID	2/2	Must use

Description: Code identifying a group of application related transaction sets

Note 1: *This is the functional group ID of the group that is being acknowledged, e.g., if a purchase order group is being acknowledged, the value would be PO. It is the value sent in GS01 for the original transmission.*

Code List Summary (Total Codes: 263, Included: 43)

Code	Name
AC	Associated Data (102)
AG	Application Advice (824)
AM	Item Information Request (893)
AN	Return Merchandise Authorization and Notification (180)
AR	Warehouse Stock Transfer Shipment Advice (943)
AW	Warehouse Inventory Adjustment Advice (947)
BL	Motor Carrier Bill of Lading (211)
CA	Purchase Order Change Acknowledgment/Request - Seller Initiated (865)
CD	Credit/Debit Adjustment (812)
CT	Application Control Totals (831)
DX	Direct Exchange Delivery and Return Information (894, 895)
FA	Functional or Implementation Acknowledgment Transaction Sets (997, 999)
GF	Response to a Load Tender (990)
IB	Inventory Inquiry/Advice (846)
IG	Direct Store Delivery Summary Information (882)
IN	Invoice Information (810)
IO	Ocean Shipment Billing Details (310, 312, 980)
OR	Organizational Relationships (816)
OW	Warehouse Shipping Order (940)
PA	Price Authorization Acknowledgment/Status (845)
PC	Purchase Order Change Request - Buyer Initiated (860)
PD	Product Activity Data (852)
PO	Purchase Order (850)
PR	Purchase Order Acknowledgment (855)
PS	Planning Schedule with Release Capability (830)
PT	Product Transfer and Resale Report (867)
QG	Product Information (878, 879, 888, 889, 896)
QM	Transportation Carrier Shipment Status Message (214)
RA	Payment Order/Remittance Advice (820)
RC	Receiving Advice/Acceptance Certificate (861)
RE	Warehouse Stock Receipt Advice (944)

		Code	**Name**				
		RF	Request for Routing Instructions (753)				
		RG	Routing Instructions (754)				
		RI	Routing and Carrier Instruction (853)				
		RP	Commission Sales Report (818)				
		RS	Order Status Information (869, 870)				
		SC	Price/Sales Catalog (832)				
		SH	Ship Notice/Manifest (856)				
		SM	Motor Carrier Load Tender (204)				
		SO	Ocean Shipment Information (304, 311, 317, 319, 322, 323, 324, 325, 326, 361)				
		SS	Shipping Schedule (862)				
		SW	Warehouse Shipping Advice (945)				
		TX	Text Message (864)				
AK102	28	**Group Control Number**		M	N0	1/9	Must use

Description: Assigned number originated and maintained by the sender

Note 1: *This is the control number assigned to the group being acknowledged, e.g., this is the control number assigned by the sender of the original transmission. It is the value sent in GS06 for the original transmission.*

Semantics:

1. AK101 is the functional ID found in the GS segment (GS01) in the functional group being acknowledged.
2. AK102 is the functional group control number found in the GS segment in the functional group being acknowledged.
3. AK103 is the version release industry identifier code in the GS segment (GS08) in the functional group being acknowledged.

Loop Transaction Set Response Header

Pos: 0300	Repeat: >1
Optional	
Loop: AK2	Elements: N/A

User Option (Usage): Used

Purpose: To start acknowledgment of a single transaction set

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
0300	AK2	Transaction Set Response Header	O	1		Used
0400		Loop AK3	O		>1	Used
0600	AK5	Transaction Set Response Trailer	M	1		Must use

AK2 Transaction Set Response Header

<table>
<tr><td>Pos: 0300</td><td style="text-align:right">Max: 1</td></tr>
<tr><td colspan="2" style="text-align:center">Heading - Optional</td></tr>
<tr><td>Loop: AK2</td><td style="text-align:right">Elements: 2</td></tr>
</table>

User Option (Usage): Used

Purpose: To start acknowledgment of a single transaction set

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
AK201	143	**Transaction Set Identifier Code**	M	ID	3/3	Must use

Description: Code identifying a Transaction Set

Note 1: *This is the transaction set ID of the transaction being acknowledged, e.g., if a purchase order is being acknowledged, the value would be 850. It is the value sent in ST01 for the original transmission.*

Code List Summary (Total Codes: 322, Included: 49)

Code	Name
102	Associated Data
180	Return Merchandise Authorization and Notification
204	Motor Carrier Load Tender
211	Motor Carrier Bill of Lading
214	Transportation Carrier Shipment Status Message
301	Confirmation (Ocean)
303	Booking Cancellation (Ocean)
304	Shipping Instructions
310	Freight Receipt and Invoice (Ocean)
312	Arrival Notice (Ocean)
313	Shipment Status Inquiry (Ocean)
315	Status Details (Ocean)
753	Request for Routing Instructions
754	Routing Instructions
810	Invoice
812	Credit/Debit Adjustment
816	Organizational Relationships
818	Commission Sales Report
820	Payment Order/Remittance Advice
824	Application Advice
830	Planning Schedule with Release Capability
831	Application Control Totals
832	Price/Sales Catalog
845	Price Authorization Acknowledgment/Status
846	Inventory Inquiry/Advice
850	Purchase Order
852	Product Activity Data
853	Routing and Carrier Instruction
855	Purchase Order Acknowledgment
856	Ship Notice/Manifest
860	Purchase Order Change Request - Buyer Initiated

	Code	**Name**
	861	Receiving Advice/Acceptance Certificate
	862	Shipping Schedule
	864	Text Message
	867	Product Transfer and Resale Report
	869	Order Status Inquiry
	870	Order Status Report
	882	Direct Store Delivery Summary Information
	889	Promotion Announcement
	893	Item Information Request
	894	Delivery/Return Base Record
	895	Delivery/Return Acknowledgment or Adjustment
	940	Warehouse Shipping Order
	943	Warehouse Stock Transfer Shipment Advice
	944	Warehouse Stock Transfer Receipt Advice
	945	Warehouse Shipping Advice
	947	Warehouse Inventory Adjustment Advice
	990	Response to a Load Tender
	997	Functional Acknowledgment

AK202	329	**Transaction Set Control Number**	M	AN	4/9	Must use

Description: Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set

Note 1: *This is the control number assigned to the transaction set being acknowledged, e.g., this is the control number assigned by the sender of the original transmission. It is the value sent in ST02 for the original transmission.*

Semantics:

1. AK201 is the transaction set ID found in the ST segment (ST01) in the transaction set being acknowledged.

2. AK202 is the transaction set control number found in the ST segment in the transaction set being acknowledged.

3. AK203 is the implementation convention reference, if any, found in the ST segment (ST03) in the transaction set being acknowledged.

Loop Data Segment Note

Pos: 0400   Repeat: >1
Optional
Loop: AK3   Elements: N/A

User Option (Usage): Used

Purpose: To report errors in a data segment and identify the location of the data segment

Loop Summary:

Pos	Id	Segment Name	Req	Max Use	Repeat	Usage
0400	AK3	Data Segment Note	O	1		Used
0500	AK4	Data Element Note	O	99		Used

AK3 Data Segment Note

Pos: 0400   **Max: 1**
Heading - Optional
Loop: AK3   Elements: 4

User Option (Usage): Used

Purpose: To report errors in a data segment and identify the location of the data segment

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
AK301	721	**Segment ID Code**	M	ID	2/3	Must use

Description: Code specifying the segment ID of the data segment in error (See Appendix A - Number 77)

Note 1: *See External Code Source 77 in Section III for reference document.*

AK302	719	**Segment Position in Transaction Set**	M	N0	1/10	Must use

Description: The numerical count position of this data segment from the start of the transaction set: the transaction set header is count position 1

AK303	447	**Loop Identifier Code**	O	AN	1/6	Used

Description: The loop ID number given on the transaction set diagram is the value for this data element in segments LS and LE

AK304	720	**Segment Syntax Error Code**	O	ID	1/3	Used

Description: Code indicating error found based on the syntax editing of a segment

Code List Summary (Total Codes: 9, Included: 9)

Code	Name
1	Unrecognized segment ID
2	Unexpected segment
3	Mandatory segment missing
4	Loop Occurs Over Maximum Times
5	Segment Exceeds Maximum Use
6	Segment Not in Defined Transaction Set
7	Segment Not in Proper Sequence
8	Segment Has Data Element Errors
10	Segment Has Excess Trailing Delimiters

AK4 Data Element Note

Pos: 0500	Max: 99
Heading - Optional	
Loop: AK3	**Elements: 4**

User Option (Usage): Used

Purpose: To report errors in a data element or composite data structure and identify the location of the data element

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
AK401	C030	**Position in Segment**	M	Comp		Must use

Description: Code indicating the relative position of the simple data element or composite data structure in error within a segment, count beginning with 1 for the position immediately following the segment ID; additionally indicating the relative position of a repeating structure in error, count beginning with 1 for the position immediately following the preceding element separator; additionally indicating the relative position of a component of a composite data structure in error, count beginning with 1 for the position following the preceding element or repetition separator

AK401-01	722	**Element Position in Segment**	M	N0	1/2	Must use

Description: This is used to indicate the relative position of a simple data element, or the relative position of a composite data structure with the relative position of the component within the composite data structure, in error; in the data segment the count starts with 1 for the simple data element or composite data structure immediately following the segment ID

AK401-02	1528	**Component Data Element Position in Composite**	O	N0	1/2	Used

Description: To identify the component data element position within the composite that is in error

AK402	725	**Data Element Reference Code**	O	AN	1/4	Used

Description: Code identifying the location of the data element in the Data Element Dictionary

Note 1: *See External Code Source 77 in Section III for reference document.*

AK403	723	**Data Element Syntax Error Code**	M	ID	1/3	Must use

Description: Code indicating the error found after syntax edits of a data element

Code List Summary (Total Codes: 13, Included: 8)

Code	Name
1	Mandatory data element missing
2	Conditional required data element missing.
3	Too many data elements.
	Description: *More data elements existed than defined for the segment*
4	Data element too short.
5	Data element too long.
6	Invalid character in data element.
7	Invalid code value.
16	Composite Data Structure Contains Excess Trailing Delimiters

AK404	724	**Copy of Bad Data Element**	O	AN	1/99	Used

Description: This is a copy of the data element in error

Semantics:

1. In no case shall a value be used for AK404 that would generate a syntax error, e.g., an invalid character.

AK5   Transaction Set Response Trailer

Pos: 0600	**Max: 1**
Heading - Mandatory	
Loop: AK2	**Elements: 6**

User Option (Usage): Must use

Purpose: To acknowledge acceptance or rejection and report errors in a transaction set

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
AK501	717	**Transaction Set Acknowledgment Code**	M	ID	1/1	Must use

Description: Code indicating accept or reject condition based on the syntax editing of the transaction set

Code List Summary (Total Codes: 6, Included: 3)

Code	Name
A	Accepted
E	Accepted But Errors Were Noted
R	Rejected

Ref	Id	Element Name	Req	Type	Min/Max	Usage
AK502	718	**Transaction Set Syntax Error Code**	O	ID	1/3	Used

Description: Code indicating error found based on the syntax editing of a transaction set

Code List Summary (Total Codes: 23, Included: 9)

Code	Name
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
6	Missing or Invalid Transaction Set Identifier
7	Missing or Invalid Transaction Set Control Number
18	Transaction Set not in Functional Group
23	Transaction Set Control Number Not Unique within the Functional Group

Ref	Id	Element Name	Req	Type	Min/Max	Usage
AK503	718	**Transaction Set Syntax Error Code**	O	ID	1/3	Used

Description: Code indicating error found based on the syntax editing of a transaction set

Code List Summary (Total Codes: 23, Included: 9)

Code	Name
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
6	Missing or Invalid Transaction Set Identifier
7	Missing or Invalid Transaction Set Control Number
18	Transaction Set not in Functional Group
23	Transaction Set Control Number Not Unique within the Functional Group

Ref	Id	Element Name	Req	Type	Min/Max	Usage
AK504	718	**Transaction Set Syntax Error Code**	O	ID	1/3	Used

Ref	Id	Element Name	Req	Type	Min/Max	Usage

Description: Code indicating error found based on the syntax editing of a transaction set

Code List Summary (Total Codes: 23, Included: 9)

Code **Name**

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

6   Missing or Invalid Transaction Set Identifier

7   Missing or Invalid Transaction Set Control Number

18   Transaction Set not in Functional Group

23   Transaction Set Control Number Not Unique within the Functional Group

AK505	718	**Transaction Set Syntax Error Code**	O	ID	1/3	Used

Description: Code indicating error found based on the syntax editing of a transaction set

Code List Summary (Total Codes: 23, Included: 9)

Code **Name**

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

6   Missing or Invalid Transaction Set Identifier

7   Missing or Invalid Transaction Set Control Number

18   Transaction Set not in Functional Group

23   Transaction Set Control Number Not Unique within the Functional Group

AK506	718	**Transaction Set Syntax Error Code**	O	ID	1/3	Used

Description: Code indicating error found based on the syntax editing of a transaction set

Code List Summary (Total Codes: 23, Included: 9)

Code **Name**

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

6   Missing or Invalid Transaction Set Identifier

7   Missing or Invalid Transaction Set Control Number

18   Transaction Set not in Functional Group

23   Transaction Set Control Number Not Unique within the Functional Group

AK9   Functional Group Response Trailer

Pos: 0700	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 9

User Option (Usage): Must use

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

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
AK901	715	**Functional Group Acknowledge Code**	M	ID	1/1	Must use

Description: Code indicating accept or reject condition based on the syntax editing of the functional group

Code List Summary (Total Codes: 7, Included: 4)

Code	Name
A	Accepted
E	Accepted, But Errors Were Noted.
P	Partially Accepted, At Least One Transaction Set Was Rejected
R	Rejected

Ref	Id	Element Name	Req	Type	Min/Max	Usage
AK902	97	**Number of Transaction Sets Included**	M	N0	1/6	Must use

Description: Total number of transaction sets included in the functional group or interchange (transmission) group terminated by the trailer containing this data element

Ref	Id	Element Name	Req	Type	Min/Max	Usage
AK903	123	**Number of Received Transaction Sets**	M	N0	1/6	Must use

Description: Number of Transaction Sets received

Ref	Id	Element Name	Req	Type	Min/Max	Usage
AK904	2	**Number of Accepted Transaction Sets**	M	N0	1/6	Must use

Description: Number of accepted Transaction Sets in a Functional Group

Ref	Id	Element Name	Req	Type	Min/Max	Usage
AK905	716	**Functional Group Syntax Error Code**	O	ID	1/3	Used

Description: Code indicating error found based on the syntax editing of the functional group header and/or trailer

Code List Summary (Total Codes: 26, Included: 12)

Code	Name
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
6	Group Control Number Violates Syntax
7	Invalid Application Sender's Code
8	Invalid Application Receiver's Code
9	Invalid Responsible Agency Code
19	Functional Group Control Number not Unique within Interchange
30	Invalid Group Date
31	Invalid Group Time

Ref	Id	Element Name	Req	Type	Min/Max	Usage
AK906	716	**Functional Group Syntax Error Code**	O	ID	1/3	Used

Description: Code indicating error found based on the syntax editing of the functional group header and/or trailer

Code List Summary (Total Codes: 26, Included: 12)

Code **Name**

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

6   Group Control Number Violates Syntax

7   Invalid Application Sender's Code

8   Invalid Application Receiver's Code

9   Invalid Responsible Agency Code

19   Functional Group Control Number not Unique within Interchange

30   Invalid Group Date

31   Invalid Group Time

AK907	716	**Functional Group Syntax Error Code**	O	ID	1/3	Used

Description: Code indicating error found based on the syntax editing of the functional group header and/or trailer

Code List Summary (Total Codes: 26, Included: 12)

Code **Name**

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

6   Group Control Number Violates Syntax

7   Invalid Application Sender's Code

8   Invalid Application Receiver's Code

9   Invalid Responsible Agency Code

19   Functional Group Control Number not Unique within Interchange

30   Invalid Group Date

31   Invalid Group Time

AK908	716	**Functional Group Syntax Error Code**	O	ID	1/3	Used

Description: Code indicating error found based on the syntax editing of the functional group header and/or trailer

Code List Summary (Total Codes: 26, Included: 12)

Code **Name**

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

Code **Name**

6 Group Control Number Violates Syntax

7 Invalid Application Sender's Code

8 Invalid Application Receiver's Code

9 Invalid Responsible Agency Code

19 Functional Group Control Number not Unique within Interchange

30 Invalid Group Date

31 Invalid Group Time

AK909	716	**Functional Group Syntax Error Code**	O	ID	1/3	Used

Description: Code indicating error found based on the syntax editing of the functional group header and/or trailer

Code List Summary (Total Codes: 26, Included: 12)

Code **Name**

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

6 Group Control Number Violates Syntax

7 Invalid Application Sender's Code

8 Invalid Application Receiver's Code

9 Invalid Responsible Agency Code

19 Functional Group Control Number not Unique within Interchange

30 Invalid Group Date

31 Invalid Group Time

Comments:

1. If AK901 contains the value "A" or "E", then the transmitted functional group is accepted.

SE Transaction Set Trailer

<table>
<tr><td>Pos: 0800</td><td>Max: 1</td></tr>
<tr><td colspan="2">Heading - Mandatory</td></tr>
<tr><td>Loop: N/A</td><td>Elements: 2</td></tr>
</table>

User Option (Usage): Must use

Purpose: To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments)

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SE01	96	**Number of Included Segments**	M	N0	1/10	Must use

Description: Total number of segments included in a transaction set including ST and SE segments

Ref	Id	Element Name	Req	Type	Min/Max	Usage
SE02	329	**Transaction Set Control Number**	M	AN	4/9	Must use

Description: Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set

Note 1: *This must be the same number as is in the ST segment (ST02) for the transaction set.*

Comments:

1. SE is the last segment of each transaction set.