

831 Application Control Totals

Functional Group ID=**CT**

Introduction:

This Draft Standard for Trial Use contains the format and establishes the data content of the Application Control Totals Transaction Set (831) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to transmit totals associated with a collection of like transactions. The items reported in this transaction set must be of the same transaction set ID code.

Notes:

The following document identifies the AAFES business requirements for 831 Application Control Totals. All segments marked "R" are required by AAFES and elements marked "M" are required by standards.

<u>Page No.</u>	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Loop Repeat</u>	<u>Notes and Comments</u>
2	0100	ST	Transaction Set Header	M	1		
3	0200	BGN	Beginning Segment	M	1		
4	0300	DTM	Date/Time Reference	O	2		n1
Not Used	0400	N9	Reference Identification	O	>1		
Not Used	0500	TRN	Trace	O	>1		
Not Used	0550	QTY	Quantity	O	10		n2
LOOP ID - AMT						>1	
5	0600	AMT	Monetary Amount	O	1		
6	0700	QTY	Quantity	O	1		
7	0800	SE	Transaction Set Trailer	M	1		

Transaction Set Notes

1. One occurrence of the DTM, N9, or TRN segment must be present. The DTM segments are used to provide a start/end date or time range.
2. At least one QTY segment or AMT loop (1/0600) is required.

Segment: **ST** Transaction Set Header
Position: 0100
Loop:
Level:
Usage: Mandatory
Max Use: 1
Purpose: To indicate the start of a transaction set and to assign a control number
Syntax Notes:
Semantic Notes:

- 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.

Comments:

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	ST01	143	Transaction Set Identifier Code Code uniquely identifying a Transaction Set	M 1 ID 3/3
			831 Application Control Totals	
M	ST02	329	Transaction Set Control Number Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	M 1 AN 4/9

Segment: **BGN** Beginning Segment
Position: 0200
Loop:
Level:
Usage: Mandatory
Max Use: 1
Purpose: To indicate the beginning of a transaction set
Syntax Notes: 1 If BGN05 is present, then BGN04 is required.
Semantic Notes: 1 BGN02 is the transaction set reference number.
2 BGN03 is the transaction set date.
3 BGN04 is the transaction set time.
4 BGN05 is the transaction set time qualifier.
5 BGN06 is the transaction set reference number of a previously sent transaction affected by the current transaction.

Comments:

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	BGN01	353	Transaction Set Purpose Code Code identifying purpose of transaction set 06 Confirmation	M 1 ID 2/2
M	BGN02	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier Control total reference number assigned by FEDI A/P program which consists of Date and Batch Number	M 1 AN 1/50
M	BGN03	373	Date Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year Date 820 and 831 files created	M 1 DT 8/8
R	BGN04	337	Time Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99) Time 820 and 831 files created	X 1 TM 4/8

Segment: **DTM** Date/Time Reference
Position: 0300
Loop:
Level:
Usage: Optional
Max Use: 2
Purpose: To specify pertinent dates and times
Syntax Notes:

- 1 At least one of DTM02 DTM03 or DTM05 is required.
- 2 If DTM04 is present, then DTM03 is required.
- 3 If either DTM05 or DTM06 is present, then the other is required.

Semantic Notes:
Comments:

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	DTM01	374	Date/Time Qualifier Code specifying type of date or time, or both date and time 097 Transaction Creation	M 1 ID 3/3
R	DTM02	373	Date Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year Date 820 created	X 1 DT 8/8
R	DTM03	337	Time Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99) Time 820 Created	X 1 TM 4/8

Segment: **AMT** Monetary Amount
Position: 0600
Loop: AMT Optional
Level:
Usage: Optional
Max Use: 1
Purpose: To indicate the total monetary amount
Syntax Notes:
Semantic Notes:
Comments:

Data Element Summary

	Ref.	Data	Name	Attributes
	<u>Des.</u>	<u>Element</u>		
M	AMT01	522	Amount Qualifier Code Code to qualify amount	M 1 ID 1/3
			TT Total Transaction Amount	
M	AMT02	782	Monetary Amount Monetary amount	M 1 R 1/18
Total of 820's in the functional group.				

Segment: QTY Quantity
Position: 0700
Loop: AMT Optional
Level:
Usage: Optional
Max Use: 1
Purpose: To specify quantity information
Syntax Notes:
 1 At least one of QTY02 or QTY04 is required.
 2 Only one of QTY02 or QTY04 may be present.
Semantic Notes:
 1 QTY04 is used when the quantity is non-numeric.
Comments:

Data Element Summary

	<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
M	QTY01	673	Quantity Qualifier Code specifying the type of quantity 53 Original payment item count.	M 1 ID 2/2
R	QTY02	380	Quantity Numeric value of quantity Number of 820's in batch	X 1 R 1/15

Segment: **SE** Transaction Set Trailer
Position: 0800
Loop:
Level:
Usage: Mandatory
Max Use: 1
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)

Syntax Notes:

Semantic Notes:

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

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	SE01	96	Number of Included Segments Total number of segments included in a transaction set including ST and SE segments	M 1 N0 1/10
M	SE02	329	Transaction Set Control Number Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	M 1 AN 4/9