

Message Implementation Guideline for Suppliers

866 Production Sequence

Based on

X12/V4010: 866 Production Sequence

Company: MB ExTra LLC
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866 Production Sequence

Functional Group = SQ

Purpose: This Draft Standard for Trial Use contains the format and establishes the data contents of the Production Sequence Transaction Set (866) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to provide for the receiver of goods to request the order in which shipments of goods arrive at one or more locations, or to specify the order in which the goods are to be unloaded from the conveyance method, or both. This specifies the sequence in which the goods are to enter the materials handling process, or are to be consumed in the production process, or both. This transaction set shall not be used to authorize labor, materials or other resources. This transaction set shall not be used to revise any product characteristic specification.

Not Defined:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
	ISA	Interchange Control Header	M	1			Must use
	GS	Functional Group Header	M	1			Must use

Heading:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
010	ST	Transaction Set Header	M	1			Must use
020	BSS	Beginning Segment for Shipping Schedule/Production Sequence	M	1			Must use

<u>LOOP ID - DTM</u>					<u>100</u>	
110	DTM	Date/Time Reference	M	1		Must use
<u>LOOP ID - LIN</u>					<u>≥1</u>	
150	LIN	Item Identification	O	1		Used
160	REF	Reference Identification	O	>1		Used
160	REF	Reference Identification	O	>1		Used
160	REF	Reference Identification	O	>1		Used
160	REF	Reference Identification	O	>1		Used
170	QTY	Quantity	O	1		Used
195	CTT	Transaction Totals	M	1		N1/195 Must use
200	SE	Transaction Set Trailer	M	1		Must use

Not Defined:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
	GE	Functional Group Trailer	M	1			Must use
	IEA	Interchange Control Trailer	M	1			Must use

Notes:

1/195 The number of line items (CTT01) is the accumulation of the number of DTM segments. If used, hash total (CTT02) is the sum of the value of quantity (QTY02) for each QTY segment.

ISA Interchange Control Header

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 16

User Option (Usage): Must use

Purpose: To start and identify an interchange of zero or more functional groups and interchange-related control segments

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
ISA01	I01	Authorization Information Qualifier	M	ID	2/2	Must use
		Description: Code to identify the type of information in the Authorization Information				
		All valid standard codes are used. (Total Codes: 7)				
ISA02	I02	Authorization Information	M	AN	10/10	Must use
		Description: Information used for additional identification or authorization of the interchange sender or the data in the interchange; the type of information is set by the Authorization Information Qualifier (I01)				
ISA03	I03	Security Information Qualifier	M	ID	2/2	Must use
		Description: Code to identify the type of information in the Security Information				
		All valid standard codes are used. (Total Codes: 2)				
ISA04	I04	Security Information	M	AN	10/10	Must use
		Description: This is used for identifying the security information about the interchange sender or the data in the interchange; the type of information is set by the Security Information Qualifier (I03)				
ISA05	I05	Interchange ID Qualifier	M	ID	2/2	Must use
		Description: Qualifier to designate the system/method of code structure used to designate the sender or receiver ID element being qualified				
		All valid standard codes are used. (Total Codes: 38)				
ISA06	I06	Interchange Sender ID	M	AN	15/15	Must use
		Description: Identification code published by the sender for other parties to use as the receiver ID to route data to them; the sender always codes this value in the sender ID element				
ISA07	I05	Interchange ID Qualifier	M	ID	2/2	Must use

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
		<p>Description: Qualifier to designate the system/method of code structure used to designate the sender or receiver ID element being qualified</p> <p>All valid standard codes are used. (Total Codes: 38)</p>				
ISA08	I07	Interchange Receiver ID	M	AN	15/15	Must use
		<p>Description: Identification code published by the receiver of the data; When sending, it is used by the sender as their sending ID, thus other parties sending to them will use this as a receiving ID to route data to them</p>				
ISA09	I08	Interchange Date	M	DT	6/6	Must use
		<p>Description: Date of the interchange</p>				
ISA10	I09	Interchange Time	M	TM	4/4	Must use
		<p>Description: Time of the interchange</p>				
ISA11	I10	Interchange Control Standards Identifier	M	ID	1/1	Must use
		<p>Description: Code to identify the agency responsible for the control standard used by the message that is enclosed by the interchange header and trailer</p> <p>All valid standard codes are used. (Total Codes: 1)</p>				
ISA12	I11	Interchange Control Version Number	M	ID	5/5	Must use
		<p>Description: Code specifying the version number of the interchange control segments</p> <p>CodeList Summary (Total Codes: 14, Included: 1)</p> <p>Code Name</p> <p>00401 Draft Standards for Trial Use Approved for Publication by ASC X12 Procedures Review Board through October 1997</p>				
ISA13	I12	Interchange Control Number	M	NO	9/9	Must use
		<p>Description: A control number assigned by the interchange sender</p>				
ISA14	I13	Acknowledgment Requested	M	ID	1/1	Must use
		<p>Description: Code sent by the sender to request an interchange acknowledgment (TA1)</p> <p>All valid standard codes are used. (Total Codes: 2)</p>				
ISA15	I14	Usage Indicator	M	ID	1/1	Must use
		<p>Description: Code to indicate whether</p>				

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
		data enclosed by this interchange envelope is test, production or information All valid standard codes are used. (Total Codes: 3)				
ISA16	I15	Component Element Separator Description: Type is not applicable; the component element separator is a delimiter and not a data element; this field provides the delimiter used to separate component data elements within a composite data structure; this value must be different than the data element separator and the segment terminator	M		1/1	Must use

Remarks:

- Value for field I06 Interchange Sender ID will be:
 - DAI_GSSPLUS_P for all productive messages
 - DAI_GSSPLUS_T for all test messages
- Field I07 will hold the MBEXTRA partner number (supplier number of receiving party in the MBEXTRA system) and hold a 10 digit number

Example:

```
ISA*00*      *00*      *ZZ*DAI_GSSPLUS_P *01*189202666 *140717*0940*U*00200*000001751*0*P*>~
ISA*00*      *00*      *ZZ*DAI_GSSPLUS_T *01*189202666 *140717*0940*U*00200*000001751*0*T*>~
```

GS Functional Group Header

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 8

User Option (Usage): Must use

Purpose: To indicate the beginning of a functional group and to provide control information

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
GS01	479	Functional Identifier Code	M	ID	2/2	Must use
		<p>Description: Code identifying a group of application related transaction sets</p> <p>CodeList Summary (Total Codes: 240, Included: 1)</p> <p>Code Name</p> <p>SQ Production Sequence (866)</p>				
GS02	142	Application Sender's Code	M	AN	2/15	Must use
		<p>Description: Code identifying party sending transmission; codes agreed to by trading partners</p>				
GS03	124	Application Receiver's Code	M	AN	2/15	Must use
		<p>Description: Code identifying party receiving transmission; codes agreed to by trading partners</p>				
GS04	373	Date	M	DT	8/8	Must use
		<p>Description: Date expressed as CCYYMMDD</p>				
GS05	337	Time	M	TM	4/8	Must use
		<p>Description: 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)</p>				
GS06	28	Group Control Number	M	N0	1/9	Must use
		<p>Description: Assigned number originated and maintained by the sender</p>				
GS07	455	Responsible Agency Code	M	ID	1/2	Must use
		<p>Description: Code identifying the issuer of the standard; this code is used in conjunction with Data Element 480</p> <p>All valid standard codes are used.</p> <p>(Total Codes: 2)</p>				

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
GS08	480	Version / Release / Industry Identifier Code	M	AN	1/12	Must use

Description: Code indicating the version, release, subrelease, and industry identifier of the EDI standard being used, including the GS and GE segments; if code in DE455 in GS segment is X, then in DE 480 positions 1-3 are the version number; positions 4-6 are the release and subrelease, level of the version; and positions 7-12 are the industry or trade association identifiers (optionally assigned by user); if code in DE455 in GS segment is T, then other formats are allowed

CodeList Summary (Total Codes: 39, Included: 1)

<u>Code</u>	<u>Name</u>
004010	Draft Standards Approved for Publication by ASC X12 Procedures Review Board through October 1997

Semantics:

1. GS04 is the group date.
2. GS05 is the group time.
3. The data interchange control number GS06 in this header must be identical to the same data element in the associated functional group trailer, GE02.

Comments:

1. A functional group of related transaction sets, within the scope of X12 standards, consists of a collection of similar transaction sets enclosed by a functional group header and a functional group trailer.

Remarks:

Field GS02 MBEXTRA unique number within Daimler AG - 18802587
 Field GS03 SUPPLIER - is your supplier number as defined by MBEXTRA

Example:

*GS*PS*18802587*SUPPLIER*030430*1304*7156*X*004010 ~*

ST Transaction Set Header

Pos: 010	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:

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

Description: Code uniquely identifying a Transaction Set

CodeList Summary (Total Codes: 298, Included: 1)

Code Name

866 Production Sequence

ST02	329	Transaction Set Control Number	M	AN	4/9	Must use
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Description: Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set

Semantics:

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

BSS Beginning Segment for Shipping Schedule/Production Sequence

Pos: 020	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 7

User Option (Usage): Must use

Purpose: To transmit identifying numbers, dates, and other basic data relating to the transaction set

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
BSS01	353	Transaction Set Purpose Code	M	ID	2/2	Must use
<p>Description: Code identifying purpose of transaction set</p> <p>CodeList Summary (Total Codes: 65, Included: 1)</p> <p><u>Code Name</u></p> <p>00 Original</p>						
BSS02	127	Reference Identification	M	AN	1/30	Must use
<p>Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier</p> <p>Note: This field is created with "FACILITY-ID" (PlantCode) FACILITY-ID Values: F - COMPAS Info: Release number is stored in BSS07</p>						
BSS03	373	Date	M	DT	8/8	Must use
<p>Description: Date expressed as CCYYMMDD</p> <p>Note: System Date</p>						
BSS04	675	Schedule Type Qualifier	M	ID	2/2	Must use
<p>Description: Code identifying the type of dates used when defining a shipping or delivery time in a schedule or forecast</p> <p>CodeList Summary (Total Codes: 11, Included: 1)</p> <p><u>Code Name</u></p> <p>JS Buyer Production Sequence Schedule</p>						
BSS05	373	Date	M	DT	8/8	Must use
<p>Description: Date expressed as CCYYMMDD</p> <p>Note: System Date</p>						
BSS06	373	Date	M	DT	8/8	Must use

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
		Description: Date expressed as CCYYMMDD Note: <i>System Date</i>				
BSS07	328	Release Number Description: Number identifying a release against a Purchase Order previously placed by the parties involved in the transaction Note: <i>Release Number</i>	X	AN	1/30	Used

Semantics:

1. Use BSS02 to indicate a document number.
2. Use BSS03 to indicate the date of this document.
3. Use BSS05 to indicate the schedule horizon start date (the date when the schedule begins).
4. Use BSS06 to indicate the schedule horizon end date (the date when the schedule ends).

Example:

*BSS*00*F1*20160412*JS*20160412*20160412*160310001*

N1 Name

Pos: 040	Max: 1
Heading - Optional	
Loop: N1	Elements: 3

User Option (Usage): Used

Purpose: To identify a party by type of organization, name, and code

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
N101	98	Entity Identifier Code	M	ID	2/3	Must use

Description: Code identifying an organizational entity, a physical location, property or an individual

CodeList Summary (Total Codes: 1312, Included: 1)

Code Name

SU Supplier/Manufacturer

N103	66	Identification Code Qualifier	X	ID	1/2	Used
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Description: Code designating the system/method of code structure used for Identification Code (67)

CodeList Summary (Total Codes: 215, Included: 1)

Code Name

92 Assigned by Buyer or Buyer's Agent

N104	67	Identification Code	X	AN	2/80	Used
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Description: Code identifying a party or other code

Note: *Supplier Code*

Syntax Rules:

1. R0203 - At least one of N102 or N103 is required.
2. P0304 - If either N103 or N104 is present, then the other is required.

Comments:

1. This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.

Example:

*N1*SU**92*003159*

DTM Date/Time Reference

Pos: 110	Max: 1
Heading - Mandatory	
Loop: DTM	Elements: 3

User Option (Usage): Must use

Purpose: To specify pertinent dates and times

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
DTM01	374	Date/Time Qualifier	M	ID	3/3	Must use

Description: Code specifying type of date or time, or both date and time

CodeList Summary (Total Codes: 1112, Included: 1)

Code Name

097 Transaction Creation

DTM02	373	Date	X	DT	8/8	Used
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Description: Date expressed as CCYYMMDD

Note: *System Date*

DTM03	337	Time	X	TM	4/8	Used
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Description: 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)

Note: *System Time*

Syntax Rules:

1. R020305 - At least one of DTM02, DTM03 or DTM05 is required.

Example:

*DTM*097*20160412*1158*

LIN Item Identification

Pos: 150	Max: 1
Heading - Optional	
Loop: LIN	Elements: 6

User Option (Usage): Used

Purpose: To specify basic item identification data

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
LIN02	235	Product/Service ID Qualifier	M	ID	2/2	Must use
<p>Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)</p> <p>CodeList Summary (Total Codes: 477, Included: 1)</p> <p><u>Code Name</u> BP Buyer's Part Number</p>						
LIN03	234	Product/Service ID	M	AN	1/48	Must use
<p>Description: Identifying number for a product or service Note: <i>Part Number</i></p>						
LIN04	235	Product/Service ID Qualifier	X	ID	2/2	Used
<p>Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)</p> <p>CodeList Summary (Total Codes: 477, Included: 2)</p> <p><u>Code Name</u> JN Job Number JS Job Sequence Number</p>						
LIN05	234	Product/Service ID	X	AN	1/48	Used
<p>Description: Identifying number for a product or service Note: <i>JS = Parts Delivery Sequence Number (PDSN) / JN = Forecast Pre Number</i></p>						
LIN06	235	Product/Service ID Qualifier	X	ID	2/2	Used
<p>Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)</p> <p>CodeList Summary (Total Codes: 477, Included: 1)</p> <p><u>Code Name</u> VV Motor Vehicle ID Number</p>						
LIN07	234	Product/Service ID	X	AN	1/48	Used
<p>Description: Identifying number for a product or service</p>						

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
Note: VIN Number						

Syntax Rules:

1. P0405 - If either LIN04 or LIN05 is present, then the other is required.
2. P0607 - If either LIN06 or LIN07 is present, then the other is required.

Comments:

1. See the Data Dictionary for a complete list of IDs.
2. LIN02 through LIN31 provide for fifteen different product/service IDs for each item. For example: Case, Color, Drawing No., U.P.C. No., ISBN No., Model No., or SKU.

Example:

*LIN**BP*809001HL3A*JS*FPF1434070*VV*3N1CK3CDXEL201473*

REF Reference Identification

Pos: 160	Max: >1
Heading - Optional	
Loop: LIN	Elements: 2

User Option (Usage): Used

Purpose: To specify identifying information

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
REF01	128	Reference Identification Qualifier	M	ID	2/3	Must use

Description: Code qualifying the Reference Identification

CodeList Summary (Total Codes: 1503, Included: 1)

Code Name

DK Dock Number

REF02	127	Reference Identification	X	AN	1/30	Used
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Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

Note: *Dock Location Number*

Syntax Rules:

1. R0203 - At least one of REF02 or REF03 is required.

Example:

*REF*DK*T1*

REF Reference Identification

Pos: 160	Max: >1
Heading - Optional	
Loop: LIN	Elements: 2

User Option (Usage): Used

Purpose: To specify identifying information

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
REF01	128	Reference Identification Qualifier	M	ID	2/3	Must use
		<p>Description: Code qualifying the Reference Identification</p> <p>CodeList Summary (Total Codes: 1503, Included: 1)</p> <p><u>Code Name</u></p> <p>LF Assembly Line Feed Location</p>				
REF02	127	Reference Identification	X	AN	1/30	Used
		<p>Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier</p> <p>Note: <i>Line Feed Number</i></p>				

Syntax Rules:

1. R0203 - At least one of REF02 or REF03 is required.

Example:

*REF*LF*T501*

REF Reference Identification

Pos: 160	Max: >1
Heading - Optional	
Loop: LIN	Elements: 2

User Option (Usage): Used

Purpose: To specify identifying information

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
REF01	128	Reference Identification Qualifier	M	ID	2/3	Must use
<p>Description: Code qualifying the Reference Identification</p> <p>CodeList Summary (Total Codes: 1503, Included: 1)</p> <p><u>Code Name</u> L9 Customer's Part Number</p>						
REF02	127	Reference Identification	X	AN	1/30	Used
<p>Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier</p> <p>Note: <i>Label Part Number</i></p>						

Syntax Rules:

1. R0203 - At least one of REF02 or REF03 is required.

Example:

*REF*L9*N809001HL3A*

REF Reference Identification

Pos: 160	Max: >1
Heading - Optional	
Loop: LIN	Elements: 2

User Option (Usage): Used

Purpose: To specify identifying information

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
REF01	128	Reference Identification Qualifier	M	ID	2/3	Must use
<p>Description: Code qualifying the Reference Identification</p> <p>CodeList Summary (Total Codes: 1503, Included: 1)</p> <p>Code Name</p> <p>ZZ Mutually Defined</p>						
REF02	127	Reference Identification	X	AN	1/30	Used
<p>Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier</p> <p>Note: OFFLINE information, field format YYMMDDHHMMSS (OFFLINE_DATE+OFFLINE_TIME)</p>						

Syntax Rules:

1. R0203 - At least one of REF02 or REF03 is required.

Example:

REF*ZZ*130305035100

QTY Quantity

Pos: 170	Max: 1
Heading - Optional	
Loop: LIN	Elements: 2

User Option (Usage): Used

Purpose: To specify quantity information

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
QTY01	673	Quantity Qualifier	M	ID	2/2	Must use
Description: Code specifying the type of quantity						
CodeList Summary (Total Codes: 832, Included: 1)						
<u>Code Name</u>						
01 Discrete Quantity						
QTY02	380	Quantity	X	R	1/15	Used
Description: Numeric value of quantity						
Note: PART QUANTITY						
Note: PART QUANTITY						

Syntax Rules:

1. R0204 - At least one of QTY02 or QTY04 is required.
2. E0204 - Only one of QTY02 or QTY04 may be present.

Example:

QTY*01*1

CTT Transaction Totals

Pos: 195	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 1

User Option (Usage): Must use

Purpose: To transmit a hash total for a specific element in the transaction set

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
CTT01	354	Number of Line Items	M	N0	1/6	Must use

Description: Total number of line items in the transaction set

Note: *Total of Items*

Comments:

1. This segment is intended to provide hash totals to validate transaction completeness and correctness.

Example:

CTT*3

SE Transaction Set Trailer

Pos: 200	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 2

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:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
SE01	96	Number of Included Segments	M	NO	1/10	Must use
		Description: Total number of segments included in a transaction set including ST and SE segments				
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				

Comments:

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

GE Functional Group Trailer

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

Purpose: To indicate the end of a functional group and to provide control information

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
GE01	97	Number of Transaction Sets Included	M	NO	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				
GE02	28	Group Control Number	M	NO	1/9	Must use
		Description: Assigned number originated and maintained by the sender				

Semantics:

1. The data interchange control number GE02 in this trailer must be identical to the same data element in the associated functional group header, GS06.

Comments:

1. The use of identical data interchange control numbers in the associated functional group header and trailer is designed to maximize functional group integrity. The control number is the same as that used in the corresponding header.

IEA Interchange Control Trailer

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

Purpose: To define the end of an interchange of zero or more functional groups and interchange-related control segments

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
IEA01	I16	Number of Included Functional Groups	M	NO	1/5	Must use
		Description: A count of the number of functional groups included in an interchange				
IEA02	I12	Interchange Control Number	M	NO	9/9	Must use
		Description: A control number assigned by the interchange sender				